SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN (AUTONOMOUS)

Approved by AICTE & Affiliated to JNTUK, Kakinada Accredited with 'A' Grade by NAAC & NBA Vishnupur, Bhimavaram, West Godavari Dist. – 534 202, A.P., India.

HANDBOOK FOR FRESHERS



Name :

Regd.No :

Branch:

IB.Tech. - 2021-2022

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 extracurricular activities
- To inculcate discipline and values among students
- ➤ To establish centers for Institute -Industry partnership
- > To extend financial assistance for economical weaker sections
- > To create self-employment opportunities and skill up-gradation
- To support environment-friendly green practices
- Creating innovation hubs

Soaring Heights in Empowering Women



HANDBOOK FOR FRESHERS 2021-22

SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN (AUTONOMOUS)

Vishnupur, Bhimavaram, W.G. Dist. - 534202 Approved by AICTE & Affiliated to JNTUK, Kakinada Accredited with 'A' grade by NAAC & NBA

Phone: 08816-250864 Fax: 08816-250099

Email: info@svecw.edu.in **Website:** www.svecw.edu.in

JANUARY	FEBRUARY	MARCH	JANUARY	FEBRUARY	MARCH
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Congratulations! You have opted for the best career!! We appreciate YOU and your decision!!!



We breathe life into professionalism!

SVECW OUTCOMES:

By the end of their Engineering course, students of SVECW are expected to develop:

- ➤ Confidence in analyzing complex problems and taking decisions
- A willingness to adopt a cooperative approach in problem solving
- An awareness in a wide range of management skills and operating techniques
- > The ability to cope with intense pressure over an extended period of time
- ➤ The communication skills to argue coherently, rationally, and convincingly, and
- > The competence to build, motivate and lead project teams effectively

The students when they leave the portals of the Institute, after having developed an integrated personality during their stay in the Campus, will face the world with confidence and take a leading role in the development of a disciplined Knowledge Society.

PERSONAL PROFILE

Name of the	Student:	
Class:	Branch:	Section:
Regd. No.:_		
Phone:		
Hostler / Day	Scholar:	_ Room No. :
Blood Group	:	
NAME, DE	SIGNATION AND A	DDRESS OF THE FATHER / GUARDIAN
Name:		
Address:		
Phone & Em	ail ID:	
Occupation:		
Mother's Na	me:	Occupation:

Specimen Signature of the Father / Guardian

Academics:	
a) 10th Class Marks (%)	:
b) Inter Marks (%)	:
c) Medium of instruction	:
d) EAMCET Rank	:
Language(s) Known	:
Hobbies / Pastime	:
Skills & Values	:
Goals – Short Term	:
Long Term	:
Community Development / Social Service	:
Books & News Papers	:
You read / TV Programs you watch	:
Achievements	:
(Academic/ Non Academic)	:
Sports & Games	:
Career Goal after passing B.Tech.	:
Strengths	:
Weaknesses	:
Role Model	:

Signature of the Counselor

Signature of the Student

Class of 2025

Contents

1 Puele me		Page No.
1. Prologue	-	09
2. Chairman's Greetings	-	11
3. Principal's Message	-	12
4. A Testimony from the Toppers	-	13
5. Sri Vishnu, an Avenue to Excellence	-	20
6. Branches of Sri Vishnu	-	21
7. Core Executive Body of SVECW	-	23
8. Doctrine of SVECW	-	26
9. Programs of Study at SVECW	-	28
10. Shri Vishnu's Richest Resources	-	29
a. Exclusive		
b. Noteworthy		
c. Milestones		
11. Innovative Practices	-	38
a. Programs		
b. Schemes		
c. Facilities		
d. Amenities		
e. Student Clubs		
f. Transparency		
12. Training and Placement Cell	-	54
13. College Academic Committee	-	55
14. R20 Regulations	-	56
15. Guidelines to Students	-	63
16. Epilogue	-	82
17 Fresher's Assessment Record	_	83

PROLOGUE

Dear Budding Professionals,

WELCOME

TO

THE WORLD OF EXCELLENCE

At the outset, Shri Vishnu Engineering College for Women (Autonomous) welcomes and appreciates you for opting for your higher learning in an institute which provides, a vision of excellence catering to your unique personality and ambitions!

SVECW is happy to share its views, thoughts and profile with you since its mission includes not only disseminating new knowledge but also to make the students think deeply and engage in the social, scientific, economic and professional challenges of the 21st century.

This booklet provides information about resources available in the campus and an overview of the academics relevant to the freshman year. In a few weeks you will adapt to the new environment and become an integral part of the SVECW family. We look forward to welcoming you, in person, to the campus and hope that you have an enjoyable, vibrant and rewarding time with us.

Breathing life into parents' aspirations and students' achievements is the ultimate goal of SVECW.

OUR HOMAGE

We submit our reverential Salutations to



Dr. B.V. RAJU

Founder Chairman
Dr. B.V. Raju Foundation &
Sri Vishnu Educational Society

Dr. B.V. Raju, the Founder Chairman of Sri Vishnu Educational Society and Dr. B.V. Raju Foundation was born in a humble agricultural family at Kumudavalli, a village near Bhimavaram, to ultimately become the doyen of the Indian cement industry. He was a graduate in Chemical Engineering from Benaras Hindu University (BHU) and a post graduate in advanced management from Harvard University, USA.

Dr. B.V. Raju started his career in the cement industry. With his perseverance and commitment, he became the chairman of Cement Corporation of India. After significant contributions in the industrial sector, Dr. B.V. Raju focused his attention towards establishing educational institutions and social issues which culminated in setting up of Dr. B.V. Raju Foundation and Sri Vishnu Educational Society. SVES's interest in education stems from a conviction that knowledge is power. Sri Vishnu Educational Society established various institutions including Engineering, Pharmacy, Dental Science and Life Sciences.

Dr. B.V. Raju's philanthropy knew no bounds. In recognition of his services to education and the society at large, he was awarded an honorary Doctorate by Jawaharlal Nehru Technological University, Hyderabad. Government of India conferred on him the prestigious Padmabhushan in 2001 and Padmasri in 1977.

Chairman's Greetings



I warmly welcome all the aspiring Engineering professionals to Vishnu Campus, a center for excellence. We are committed to empowering women to create a holistic society which leads to a strong nation. We, at SVECW, are committed to increasing access and providing a comprehensive learning environment to empower women so that they can lead and influence the society around them. We endeavor to help realize parental aspirations and students' ambitions into a reality. We encourage all our students to acquire the 21st century learning and life skills to face the rapid changes in our world.

We strongly believe that fully equipped faculty can transfer their skills to the students. With that intent, we have set up VEDIC - Vishnu Educational Development and Innovation Centre to enhance that capability of our faculty as well as students.

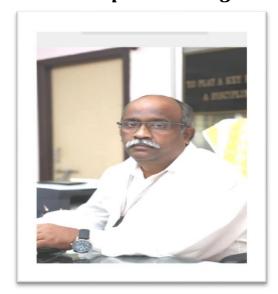
In these uncertain times of a pandemic, I wish you and your family safe and well! We at Sri Vishnu family take pride in your well being and purpose as a student. The Principals, Department Heads and faculty have undertaken a lot of measures in ensuring a continuing learning environment and engagement for your success in your life through the choice made as a student in Shri Vishnu Engineering College for Women (SVECW) Bhimavaram.

Apart from physical infrastructure and excellent faculty, SVECW has devised their own online learning strategy using tools like Zoom, Google Handout, Google Classroom, Skype, Whatsapp, YouTube, email, eLab, Nasscom Future Skills, and many other tools to enable you to become digitally connected. Certifications for your skills are important for companies to look your profile differently. Using time wisely and doing micro credits online with "Coursera for campus" ...where SVECW has a formal tie-up, is important. The top universities offer courses in Python, Data Analytics, AI&ML, and Cyber Security and allow you to be certified. Companies will recognize these efforts at the time of hiring, and make SVECW students stand apart.

Wish you and your family to continue in being safe and happy! Together we will work for bright future.

K.V.Vishnu Raju CHAIRMAN

Principal's Message



Congratulations to all of you for opting the best institution which shapes you as a complete human being in your future!

This Institute is the brain child of the visionary and philanthropist, Dr. B.V. Raju garu, who championed the cause of women's empowerment through education. Sri K.V.Vishnu Raju, the Chairman has shaped the institute into a well-crafted home. He is the inspirer and guide bringing the students and faculty to come together harmoniously and work for the purpose of education.

I am proud to lead a team of highly educated, experienced and dedicated faculty who have committed to use their talents to create an engrossing educational experience to all the students. An exciting, engaging and scientifically designed curriculum is presented for you to achieve success in your life. We trust your stay on campus will be a fruitful, fun-filled and fascinating experience.

We at SVECW sincerely hope that you and your family are safe and fine. We can honestly say that we have never experienced such an alarming pandemic COVID-19 which has badly impacted our lives and work environment. Now more than ever, we must do the right things and be prepared to take steps beyond what we are typically required to do. We encourage safety measures such as social distancing, regular use of face mask, hand sanitizing and avoid social gathering as much as possible. Apart from these preventive measures, vaccination shots also play a crucial role in securing our lives. I do hope for the restoration of normalcy as soon as possible.

In this current situation, it is vital to have positive thoughts and get connected digitally to your relatives, friends, teachers and your communities. Our thoughts are with the corona affected and the front line workers who have tirelessly dedicated themselves for this great cause. Everyone at SVECW wishes you and your loved ones good health and mental strength in the days and weeks ahead......

Please take care of yourselves along with your loved ones. I know that we are going to get through this crucial time, together.

Stay safe and feel comfortable!

Dr. G. S. Rao PRINCIPAL

A Testimony from the Toppers (2020 - 21)

MAKA LIKHITHA
20B01A0482
Electrical and Communication Engineering
CGPA: 9.38. J. B.Tech, I-Semester

I am lucky to join SVECW for a lot of reasons. Firstly, the academic environment with all the greenery around is a peaceful ambiance to pursue one's studies. Secondly, I am grateful to the faculty who makes learning fun with a lot of activity based learning techniques and are approachable to clarify our doubts. I am thankful to my parents for having chosen this institute for me to pursue my dream of engineering education.

INDUKURI VENKATA SAI MEGHANA 20B01A0455

Electrical and Communication Engineering CGPA: 9.54 I. B.Tech. I-Semester

I am very happy that I joined SVECW. The homely atmosphere in the college encourages us to excel. The smart classrooms, many interactive activities in the classes are a fun way to learn new things. The free electives, the co-curricular learning opportunities like WISE etc., open new doors for learning the multidisciplinary engineering subjects thus making us ready to face the realities of employment and the future.

DONKENA BHUVANESWARI 20B01A0232 Electrical & Electronics Engineering CGPA: 9.54. I B.Tech. I-Semester

I am proud to be a SVECWite. Our college provides with us with excellent infrastructure and faculty who guide us every step of the way. I got good grades because of the learning atmosphere here that makes most of us interested in both curricular and extracurricular activities. The different clubs we have in the college allow us to compete in a variety of activities which I believe exposes to different parts of our self.

PASUPULETY SRI SAI HITHISHINI 20B01A0337 **Mechanical Engineering**

CGPA: 9.38. I B.Tech. I-Semester



I am happy to choose this college for engineering and am also thankful to my parents for selecting this college for my bright future. The management and teaching faculty are very helpful in my studies. I have chosen Mechanical engineering as there are many opportunities for women in this field. There are many placements for women in core jobs. I am encouraged by the number of my seniors who have been selected this year in reputed companies like John Deere.

GORRE SRAVANI 20B01A0117 **Civil Engineering** CGPA: 9.54 I.B.Tech. I-Semester



Firstly, I'm happy to be a student of Shri Vishnu Engineering College for Women. When I came to the college and saw its grandeur, my thoughts took a u-turn. This is a college for not only providing education but also providing a lot more of opportunities, placements in reputed companies. The secret of my success is my hard work and determination. Enjoying the subject of study makes learning fun. With these things, anyone can achieve anything in one's life. I am very happy studying in such a wonderful and excellent college. I thank each and every one for my success.

INDUKURI HAESHITHA 20B01A0559

Computer Science & Engineering CGPA: 9.85. I B.Tech. I-Semester



First of all it's a great honor for me to be a student of Shri Vishnu Engineering College for Women. Our faculty teaches us very well and encourages us to participate in every activity conducted in our college. One reason I am the topper in our branch is the fantastic library that i used a lot for my studies apart from listening actively in classes and preparing my own materials. Staying in the safe and secure hostel on the campus has made me a more confident and outgoing person.

CHINNAM SAI SHRIYA 20B01A0532 **Computer Science & Engineering** CGPA: 9.77 I B.Tech. I-Semester

I am very happy to join in this college. The ambience of the college is very pleasant. The teaching by the approachable faculty members is excellent who use a variety of resources to make learning interesting and very different from Intermediate. The college provides excellent opportunities for the all-round development of students. The many workshops, guest lectures by eminent people expose us the latest developments in our field.

ANJURI SUNANDI 20B01A5402 **Artificial Intelligence and Data Science** CGPA: 9.85 I B.Tech. I-Semester



I am very happy to join in this college. The ambience of the college is very pleasant. The teaching by the approachable faculty members is excellent who use a variety of resources to make learning interesting and very different from Intermediate. The college provides excellent opportunities for the all-round development of students. The many workshops, guest lectures by eminent people expose us the latest developments in our field.

BUDDANA PUJITHA LAKSHMI VASAVI 20B01A01222 Information Technology

CGPA: 9.54 I B.Tech. I-Semester



I am a curious person by nature and I am happy that my teachers make learning engaging and challenging that suits me very well. Further, there are many clubs in our college that help us to satisfy our creative and intellectual curiosity. I am truly blessed to be in such a vibrant college that is no less than any national institute for engineering.

MADDU GEETHA NAGA DURGA LAHARI 20B01A1294 Information Technology CGPA: 9.54 I B.Tech. I-Semester



I believe it is a privilege to be a student in this college that provides with many opportunities to explore, expose and excel oneself to different kinds of learning. The numerous activities we have in our college make us competitive, instilling confidence to face the challenges in our careers and in life. I strongly feel that in this field one has to be a self-learner. It is this factor that has contributed to my being one of the toppers in the branch. I am grateful to my parents for choosing this college for me, the management, administration, faculty and my friends who are helping me in molding my personality.

Aspirations to Achievement



The logo represents the vibrancy of the organization with the colours of youth, life and innovation prosperity and excellence. The direction of the motion of the interlocked 'V' emphasizes progress, movement and seamless team work. The three dimensional spread manifests student's inherent vitality and infinite innovative thought.

The three elements represent the trinity, application to the purpose; it connects the past legacy to the present and a direction to the future. In other words, the three elements symbolize inspiration, communication and application, a central dimension of thought, spreading infinitely and versatility.

Campus Spot

Bhimavaram is a town in the West Godavari District in the state of Andhra Pradesh, India. It is located 103 km from state capital, from Vijayawada 270 km from Visakhapatnam.



Bhimavaram is also called the "Second Bardoli of India". Mahatma Gandhi coined the name when he visited the town during the freedom movement in India. It is one of the Pancharamas (Somaramam) in AP state, as it has Someswara Swami temple. Statewide popular "Mavullamma temple" is located in the middle of the town. Bhimavaram, a notable place for many wealthy individuals, serves as a centre of trade for 300 surrounding villages and is one of the most important commercial towns in the West Godavari District.

Shri Vishnu Engineering College for Women (Autonomous) is instituted at Vishnupur, a small village, just 3 km away from Bhimavaram. The town has recently been the hub for academic activities attracting many professional institutions of higher learning and health care.

One can reach the campus in about 120 minutes from the nearest airport at Vijayawada / Rajahmundry. It takes only about 10 minutes to reach the campus from Bhimavaram Railway Station and APSRTC bus station.

RECOGNIZED FOR EXCELLENCE IN EDUCATION



Winner of the prestigious

IMC Ramakrishna Bajaj National Quality Award 2017

in the Education sector

Shri Vishnu - An Avenue to Excellence!

Shri Vishnu Engineering College for Women (Autonomous) is known for inculcating commitment, excellence and professionalism among aspiring women engineers. SVECW is on an ever intensifying determination of keeping the parents, students and society at the pinnacle of the utmost satisfaction and wise scholarship. Wisdom must blossom always. It should pave the way towards personal, academic, professional and social success of students. SVECW delivers the promise.

SVECW honors parents' expectations and students' aspirations. It strives for students' bright future. SVECW is synonymous with *ultimate professional satisfaction*!

SVECW is always on the continuous journey of improving the students' strength, talents and inner zeal. It strives continuously to manifest the best hidden talents in them. Personal care, situational support, inspiring initiative, realistic amenities, achievement motivation are only a few virtues to mention among the many which are always green in the repository of SVECW excellence.

The campus sprawls over 100 acres, with its serene scenic landscape providing an ideal ambience for education which is unique in this entire region.

The campus accommodates different colleges with state - of - the - art laboratories, smart class rooms, seminar halls, computer centers; central library including digital library, intranet and high-speed internet. The campus is mostly residential with more than 80% of the students staying in the hostels. Co-curricular and curricular activities are supported effectively with an excellent playground, Stadium and Auditorium, Vishnu TV and FM Radio.

As a mark of excellence, Shri Vishnu Engineering College for Women got **Autonomous** status under the UGC Autonomous Colleges Scheme for a period of 6 years with effect from the Academic year 2014–2015 to 2019–2020 by University Grants Commission, New Delhi. The Engineering disciplines of SVECW (CSE, IT, ECE&EEE) are accredited by NBA of AICTE New Delhi under TIER I.

Branches of Shri Vishnu

Sri Vishnu Educational Society was established in 1992 with a long cherished ambition to promote and disseminate knowledge and serve the cause of education in general, and technical / professional education in particular. With this lofty aim in mind, this Society in collaboration with Dr. B.V. Raju Foundation launched the following Institutions.

AT BHIMAVARAM, W.G.DIST. (A.P.)	
❖ Shri Vishnu College of Pharmacy	1997-98
❖ Smt. B. Seetha Polytechnic	1997-98
❖ Dr. B.V. Raju Institute of Computer Education	1999-00
❖ Shri Vishnu Engineering College for Women	2001-02
❖ Vishnu Dental College	2002-03
❖ Vishnu School	2003-04
❖ Vishnu Institute of Technology	2008-09
AT NIZAMPET, HYDERABAD, R.R. DIST. (TELANGANA) ❖ BVRIT Hyderabad (College of Engineering for Women)	2012-13
AT NARSAPUR, MEDAK DIST. (TELANGANA)	
❖ Dr. B.V. Raju Institute of Technology	1997-98
❖ Vishnu Public School	2003-04
❖ Vishnu Institute of Pharmaceutical Education & Research	2007-08
AT NALGONDA DIST. (TELANGANA)	
❖ Sitha Memorial School	1997-98

Padma Bhushan Dr. BV Raju Knowledge Centre

(Nodal Centre for Excellence in School Education)

This nodal centre for excellence in school education was started in December 2006 and inaugurated by Dr.T.Subba Rami Reddy - Union Minister of State for Mines at the small village called Kumudayalli, located 5 kms. from the town of Bhimayaram.

In continuance to the legacy, the Chairman Mr. KV Vishnu Raju, has transformed the ancestral home of the founder Chairman into a Knowledge Centre with an aspiration to provide quality primary education to children from rural schools where infrastructural and laboratory facilities are not available.

The Knowledge Centre has the capacity to accommodate 120 students and is equipped with Physics, Chemistry, Biology, Maths, English, Robotic and Computer Laboratories to facilitate students from VI to X classes to gain knowledge through first hand experimentation. Apart from this, the Knowledge centre has provided a well-stocked library, computers with internet facility, LCD Projectors and teaching audio-visual aids, scientific equipment and models, and subject CDs for classes VI to X.

The teaching program is planned to cover all the zilla parishad schools in the vicinity of 15 kms radius from the Knowledge Centre. Through this program, the Society is able to provide quality education to these students free of any cost. On an average, there are 150 students visiting the centre every day. The students from each of these schools are systematically brought to the knowledge centre by Society vehicles, and given experimental training in respective subjects. The Society is able to bring this facility to the reach of as many as 9000 students from 24 schools in this area. In addition to these facilities, Dental treatment is also made available.

For charitable activities taken up by the Foundation and Society, please log on to www.vishnucenter.org

@@@@@

Core Executive Body of SVECW

Dr.B.V.Raju who was a doyen of Indian Cement Industry was the founder of Sri Vishnu Educational Society and Dr.B.V.Raju Foundation with the mission of imparting technical education to women in particular in these regions of Andhra Pradesh.

CHAIRMAN

The present Chairman, Sri K.V.Vishnu Raju, is the grandson of Padmabhushan Dr. B.V. Raju. He graduated in Chemical Engineering from Regional Engineering College, Thiruchirapalli and obtained Masters Degree from the prestigious Michigan Technological University, USA. He worked for two years in Du-Pont, one of the world's top ranking U.S Chemical Industries. Sri K.V.Vishnu Raju is the motivating force in steering and expanding the horizons of the Foundation and Society towards excellence in all its academic and professional endeavors. Presently, Sri K.V. Vishnu Raju, is the Chairman of Swarna Bharat Trust. He has received the Distinguished Alumni Award during the Golden Jubilee Celebrations of NIT, Trichy from Shri Pranab Mukherjee, President of India.

His intellectual endeavors made the Foundation and the Society expand in all directions. He established a Knowledge Centre at Kumudavalli and provided sophisticated platform for the education of rural folks. He launched "Radio Vishnu 90.4" a community radio station and a Campus television facility "Vishnu TV Academy" and carved a new dimension in academic excellence. He is a true motivator and leader for all of us in the Vishnu family.

VICE-CHAIRMAN

Sri Ravichandran Rajagopal, Vice-Chairman of Sri Vishnu Educational Society, is a graduate in Mechanical Engineering from National Institute of Technology, Tiruchirapalli, and a postgraduate in Management from Indian Institute of Management, Calcutta. Sri Ravichandran started his professional career with the Swiss multinational company Novartis, India where he served in various capacities including Business Development, New Product and Application development, and Vendor Development.

SECRETARY

Sri K. Aditya Vissam is presently the Secretary at Sri Vishnu Educational Society. He received his Bachelor's degree in Industrial Engineering from Pennsylvania State University in 2012. Upon graduating, he worked for Office Depot, a Florida-based company, as a Supply Chain Manager at their distribution centre in Minneapolis, Minnesota from September 2012 - September 2013. His job responsibilities included being part of a pilot project which involved introducing a new warehouse management system, heading the centre in quality departments and working on various 5s and kaizen projects.

PRINCIPAL

Dr. G. Srinivasa Rao is the Principal of Shri Vishnu Engineering College for Women. He earned his Ph.D. in Mechanical Engineering from Visvesvaraya Technological University, Belgaum, Karnataka. He received his M.Tech. in Manufacturing Technology from NIT, Calicut and obtained his B.Tech. in Mechanical Engineering from S.V. University College of Engineering, Tirupathi. He got his LME Diploma in Mechanical Engineering from S.V. Govt. Polytechnic, Tirupathi.

Previously, he worked in various capacities from Lecturer to Professor in the Department of Mechanical Engineering at Sir M. Visvesvaraya Institute of Technology, Bangalore. He has over 26 years of teaching experience. He has taught subjects such as Strength of Materials, CAD/CAM, Theory of Elasticity, Theory of Plasticity, Finite Element Methods, Fracture Mechanics and FEM. As a researcher, he published 5 technical papers in National and International Journals.

He guided M.Tech. Students in the area of CAD/CAM and more than 60 students at UG level. He is a life member of ISTE and CSI. He is also member of SAE. After beginning his career as Lecturer, he did Post Graduate Diploma in Advanced Studies in Software Export Technology in the process of updating his knowledge. Later, to fit into the quality education system, he completed a course and became the Certified Examiner for Quality Management of Indian Merchants Chambers Quality Award (IMC RBNQA). He is a Fellow of Institution of Engineers.

VICE-PRINCIPAL

Dr. P. Srinivasa Raju is the Vice Principal of Shri Vishnu Engineering College for Women. He received his Ph.D. in Mechanical Engineering from Rayalaseema University, Kurnool, A.P. He did his M.Tech., in Machine Design from JNTUK, Kakinada. He got his B.Tech. Mechanical Engineering from S.R.K.R. Engineering College, Bhimavaram, West Godavari District, A.P. He is currently working as Professor and Vice Principal at Shri Vishnu Engineering College for Women, Bhimavaram. He has been rendering his services to this institution since its inception. Right from the birth of SVECW, he has put in sincere efforts and played a key role in its developmental activities. Prior to this, he worked as Assistant Professor in the Department of Mechanical Engineering at GIET, Rajahmundry. He has over 17 years of experience in teaching. He has taught the subjects like Strength of Materials, FM & HM, Engineering Drawing, Design of Machine Members and Pumps & Prime mover. As a researcher, he published technical papers in International Journals of repute. He attended various International and National conferences. He is a Life Member of ISTE, IEEE, SAE and CSI. He has offered his services to this institution since its inception.

Doctrine of Shri Vishnu

Shri Vishnu Engineering College for Women was established by the eminent philanthropist Late Dr.B.V. Raju under the aegis of Sri Vishnu Educational Society in 2001. This institute is also looked after by a body of distinguished professionals from IITs, Engineering and Government Sectors, led by Sri K V Vishnu Raju.

The purpose of establishing SVECW is to provide quality technical education and perfect ambience for the all-round development of a student. Under the leadership of our present chairman Sri K V Vishnu Raju, SVECW made a quantum leap in its reputation for its best teaching-learning practices, high quality intake and excellent infrastructure facilities.

Shri Vishnu Engineering College for Women has received Permanent Affiliation from Jawaharlal Nehru Technological University (JNTU), and is approved by All India Council for Technical Education (AICTE), New Delhi. The Engineering disciplines of SVECW are accredited by NBA of AICTE New Delhi under TIER I. The college was awarded 'A' Grade by NAAC. The UGC gave the autonomous status in 2014-15.

VISION

To 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 extracurricular activities

To inculcate discipline and values among students

To establish centers for Institute -Industry partnership

To extend financial assistance for economical weaker sections

To create self-employment opportunities and skill upgradation

To support environment-friendly green practices

Creating innovation hubs

Values

- We strive for excellence in all that we do in order to model success for students
- We focus on students success and satisfaction and meeting the needs of the community
- We take pride in the quality of our organization and work, and we value, originality, integrity, consistency, and attention to detail
- We stay abreast of ever-changing youth culture, emerging communication technologies and design trends
- We set benchmarks and model high quality standards for students, faculty, staff and community partners
- We lay utmost importance on discipline, punctuality, personal values and healthy practices
- We create an innovative environment for students and staff to develop an integrated personality
- Inclusive community projects

Perceptions:

- The perception of SVECW mainly relates to the need for academic Excellence.
- Motivating students to acquire knowledge and skills.
- Improving the curriculum, teaching methods and evaluation procedures
- Providing atmosphere where overall development of students is possible and the students can become true human being
- Nurturing values and discipline

Discipline:

SVECW gives utmost importance to discipline. In order to maintain the sanctity and decorum in the campus and hostels, students are advised to observe the following:

- Behave courteously with the faculty members and interact with them actively in the learning process.
- Attend classes regularly and punctually.
- Satisfy the mandatory attendance and sessional marks requirements
- Ragging is strictly forbidden
- Park the vehicles only at the allotted places
- Cell phones are banned in the academic zone in the campus
- Maintain the cleanliness in the hostel rooms, classrooms and in the campus
- Switch off the electrical appliances when you are not using
- Use water and power cautiously

PROGRAMS OF STUDY at SVECW

The College offers the following courses

B.Tech.: A FOUR-YEAR BACHELOR IN TECHNOLOGY

 Electronics and Communication Engineering 	: 120
 Electrical and Electronics Engineering 	: 60
❖ Computer Science and Engineering	: 180
❖ Artificial Intelligence and Data Science	: 120
❖ Information Technology	: 180
❖ Civil Engineering	: 60
❖ Mechanical Engineering	: 60
❖ Artificial Intelligence & Machine Learning	: 60
NOTE: Every department has 10% lateral entry students at II B.Tech. Level.	
	: 60
at II B.Tech. Level. MBA : A TWO-YEAR MASTER OF BUSINESS	
at II B.Tech. Level. MBA : A TWO-YEAR MASTER OF BUSINESS ADMINISTRATION	: 60 : 18
at II B.Tech. Level. MBA: A TWO-YEAR MASTER OF BUSINESS ADMINISTRATION M.Tech: A TWO - YEAR MASTER OF TECHNOLOGY	
at II B.Tech. Level. MBA: A TWO-YEAR MASTER OF BUSINESS ADMINISTRATION M.Tech: A TWO - YEAR MASTER OF TECHNOLOGY ❖ EEE − Power Electronics	: 18

Shri Vishnu's Richest Resources

a. EXCLUSIVE @ SVECW

VEHICLE DESIGN LAB

The lab is equipped with a variety of facilities such as with Notch Making Machine, Latest TIG Welding Machine, Design & Analysis Software and all required tools to make products such as Gokart, Electric Bikes and All-Terrain Vehicles (BAJA Buggy) from scratch. A group of dedicated women students work hard with passion to design, fabricates, compete across the nation and have won several prizes in various national events like BAJA, IKR, VKC, VEMC, etc.

CM SKILL EXCELLENCE CENTRE

The A.P State Government has initiated the A.P State Skill Development Corporation in 2015 with the objective of upskilling faculty and training students in relevant industrial technologies. Under this initiative, SVECW has been given this year 36 high end Laptops each worth 50,000 Rupees. Through this centre students can complete certification programs and Nano degree programs offered by Coursera, Udacity, etc. at a nominal fee.

IOT LAB

The Internet of Things (IoT) is one of the hottest topics in the technology sector, and with good reason. It influences the interaction of technological, economic, social, societal, and individual changes, and analysts and market researchers estimate that by the year 2020, at least 20 billion devices will be connected. For this rapidly growing technology our college is equipped with a specialized laboratory and encouraging students to come up with innovative ideas and assisting them to implement the ideas. We also have support from the industry; various professionals train the students and also make the students participate in many competitions.

ATL LAB

The Assistive Technology Programme began in the year 2009 in collaboration with the University of Massachusetts, Lowell, USA. Special laboratories were set up at SVECW and BVRIT. The avowed aim of the programme was to provide all the UG students except FIRST year with hands-on exposure to the design and development of products or prototypes, based mainly on microcontrollers and special ICs, for the differently-abled people. It was a small but definite step by Sri Vishnu Educational Society to mainstream people with disabilities into society. The Assistive Technology Lab has also enabled the students to participate in competitions and compete with institutes of national repute. Some of the projects which have been developed and distributed are:

RADIO VISHNU 90.4

Radio Vishnu 90.4 was established in our campus. The content for radio programmes is developed by students, focuses on issues relevant to education, environment, discipline, trends in science and technology, topics on technologies and scientific temper and Indian culture and many more.

VISHNU TV ACADEMY

The Vishnu TV Academy was inaugurated at Bhimavaram Vishnu Campus by Prof. Mariamma A.Varghese, Former Vice Chancellor, SNDT University, Mumbai. Various programmes such as College Annual Day, Symposiums, Seminars, Guest Lectures and Cultural Programmes organized in the campus are telecast.

TALENT SPRINT

SVECW aims to nurture and imbibe the high quality skill development across India leveraging innovative technology, new learning techniques and the expertise of world-class teaching professionals. Our skill - development programs help fresh graduates fill the gaps of college education and build a shining career in IT, Banking, and Government sectors and make them equip with employability skills.

Talent Sprint is on a mission to transform the lives of 5 lac unemployed graduates by 2020 through its employability focused skill development programs. SVECW has an MOU with it and arranging training programs focusing on transforming our students to fit in well in the world of professionalism.

The MOU (WISE Programme) was signed between the SVECW and TALENT SPRINT and the relationship was established to empower the students by giving them the latest skills expected by employees in the IT sector. This is also to help the students for enhancing their employment prospects, and creating linkages with the industry.

IBM MOBILITY CENTER

The association of IBM Academic Initiative and SVECW started with the inauguration of IBM Center of Excellence at Shri Vishnu Engineering College for Women on 19th November 2009.

IBM has instituted a Software Centre of Excellence (COE) to promote high quality education by providing state-of-the-art and emerging technologies in colleges/ universities with the objective of nurturing highly skilled computer professionals.

IBM Academic Initiative offers a wide range of technology education benefits that can be scaled to meet the goals of most educational institutions, ranging from large research universities to local community colleges.

The IBM COE MOU was signed between Shri Vishnu Engineering College for Women and IBM, to give students and faculty the opportunity to work closely with the industry and utilize both the resources in the best possible manner. IBM Center of Excellence was inaugurated by Himanshu Goyal, IBM Country Manager, in the presence of Sri K.V. Vishnu Raju, Chairman, SVES.

b. NOTEWORTHY @ SVECW

NPTEL (National Program on Technology Enhanced Learning)

The SVECW chapter of NPTEL started in July 2016. Based on the performance of students in various NPTEL courses SVECW is rated with AA Grade which is among the top 11 to 50 of 650 Engineering colleges across the country. 372 students and 102 faculty earned certificates in various NPTEL courses.

MISSION R & D

Mission R&D is an innovative initiative with a vision to "Transform intelligent, hardworking, motivated students to realize their full potential" and prepare them for a great R&D career at major global corporations or startups. Mission R&D aims to transform the students through a short duration summer program and put them on a path towards a rewarding R&D career. The program helps the students gain expertise in computer science fundamentals, professional software development tools and latest their inherent potential to become top R&D engineers. Some major multi - national companies and startups have signed up to interview the students for R&D roles, immediately after they complete the program.

IBM CENTRE OF EXCELLENCE

At Shri Vishnu Engineering College for Women, the IBM Centre of Excellence was inaugurated on 19th November 2009. The IBM CoE has enabled the college to conduct unlimited training for the students on IBM Technologies free of charge. The centre also prepares the students to participate in 'The Great Mind Challenge' which is an annual national wide software development competition, created by the Academic Initiative of IBM. SVECW was selected as one of the top 30 colleges from among all participating colleges for IBM the Great Mind Challenge 2011 Contest.

EDC

Entrepreneurship Development Cell (EDC) was set up in SVECW campus with the assistance of AICTE, New Delhi, to promote and educate young students to benefit from the policies of the Government by establishing their own ventures. This Cell organizes different activities and events to create entrepreneurial thinking among the students. SVECW EDC has signed an MOU with National Entrepreneurship Network to create and support high-growth entrepreneurs in job-creation and economic growth. It provides critical support to start-up and early-stage entrepreneurs through high-impact entrepreneurship education; access to mentors and experts; fast-track access to incubation and funding; and learning tools and materials.

TEXAS INSTRUMENTS

SVECW has an MOU with Texas Instruments through a third party, "Cranes" where a "Texas Instruments Analog Systems Lab" was set up. The students are introduced to lab-based course using Texas Instruments ASLKv2010 Kit (Analog System Lab Starter Kits) in their undergraduate engineering curriculum. The students participated in "TI-India Analog Design Contest-2010" where they performed on par with IITians.

INFOSYS CAMPUS CONNECT

SVECW is one of the institutions selected by Infosys for campus connect programme. Through this, specialized programmes are being organized periodically on various topics. Faculty are trained on advanced topics. Course materials are put on Acado and used extensively by the student community. Infosys Campus Connect programme introduced at SVECW in 2006 has its own courseware along with the existing curriculum, a 14 week capsule helping fresh recruits to be 'industry ready'. Similar programmes introduced by other software giants ensure that even the non-IT students completing the capsule are eligible for IT jobs.

IUCEE

Indo-US Collaboration for Engineering Education (IUCEE), a non- government organization, was started by eminent academicians drawn from US and India with a view to learning and exchanging the best practices in Administration, Teaching and Research in engineering colleges. Prof. Krishna Vedula, Professor and Dean Emeritus, University of Massachusetts, Lowell is the chief architect of the program. Our Shri Vishnu Engineering College for Women (SVECW) is one of the two Regional Centres of IUCEE in the state of Andhra Pradesh. SVECW is also a member of IUCEE College Consortium and is organizing workshops at national level with the help of US experts. Under this program, some of our meritorious students are sent to foreign Universities to gain practical experience.

ROBOTIC LAB

In order to establish "Indo-European Skilling Centers for Mechatronics and Industrial Robotics", an MoU has been signed with APS GmbH European Center for Mechatronics, Aachen, Germany.

JAWAHAR KNOWLEDGE CENTRE

Jawahar Knowledge Centre (JKC) is an initiative of Institute for Electronic Governance (IEG) of the Department of IT&C, Govt. of Andhra Pradesh to promote interaction between industry, institute and government. JKC aims to impart employable skills and industry grade skills to the engineering and MCA students, particularly of rural background and also provides employment opportunities.

BEC

Business English Certificate courses were introduced with the aid of the English faculty at SVECW with a view to preparing the students for greater opportunities and advantage in the world of technology. BEC are a suite of three English language proficiency exams conducted by Cambridge University, UK. These courses help students achieve their ambitions to work in global organizations within the country or abroad.

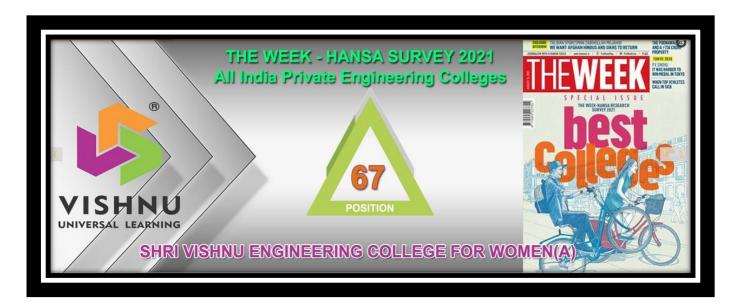
JKC STAR CENTER

Our college was selected as the "Best JKC" for the academic year 2009-10 and our chairman Sri. K.V. Vishnu Raju received "outstanding Performance Award" from the then Chief Minister, Sri K. Rosaiah garu in the function held at Shilpa Kala Vedika, Hyderabad on 28 April 2011.

ECAP

Centralized database is maintained to provide up-to-date information about students. Through this system, the absenteeism of the students to classes is informed to their parents on a daily basis through SMS.

2020-21 SVECW RANKINGS







Won the "Best in Class Award" (Education Sector) in the year 2012 as well as 2018 from Asia Pacific Quality Organization (APQO), Singapore.



WINNER of **AICTE UTKRISHT SANSTHAN VISHWAKARMA AWARD 2020** in Category 7-Provided Online Teaching Program to nearby College/School Students



c. MILESTONES @ SVECW

IMC RBNQA

SVES bagged Life Time award and commendation certificate from IMC Ramkrishna Bajaj in 2010.

IMC RBNQ TROPHY

The Sri Vishnu Educational Society is the winner of the Life Time award from Indian Merchants Chamber Ramkrishna Bajaj National Quality Award Trophy in the year 2011 and 2017 in the Education Category (IMC RBNQA Trophy 2011 & 2017). Shri Vishnu Engineering College for Women, being a part of SVES, proudly owns it.

APQO

In the year 2012 as well as 2018, Sri Vishnu Educational Society received the most prestigious world class global performance excellence award from Asia pacific Quality Organization. SVES won 'the Best in Class Award' in educational sector. Ours is one among the eighteen organizations from eight Asian and Pacific Rim Countries.

NAAC

Education plays a vital role in the development of any nation. A team from National Board of Accreditation (NAAC) promoting international quality standards for technical education in India visited Shri Vishnu Engineering College for Women on 27^{th} April till 29^{th} April 2015. The team meticulously observed academic programs at SVECW and assessed quality and quantity of higher education on set parameters and were satisfied with the products and services. After a few days of their visit, they announced **NAAC** A grade to Shri Vishnu Engineering College for Women.

NBA

SVECW was first accredited by the National Board of Accreditation (NBA) in 2008 and reaccredited in 2015. Later new UG and PG programs were accredited in 2017. The NBA set up by the AICTE in September 1994 assesses the academic ambience, infrastructure, financial resources, physical resources, human resources, supporting systems like library resources, computational resources, and avenues to mould and develop the students' personality and learning characteristics.

AICTE - CII SURVEY

SVECW has been listed in the Gold category for the last four years by **AICTE - CII** survey.

PERMANENT AFFILIATION

Jawaharlal Nehru Technological University Kakinada has given permanent affiliation.

MOUs

Long term MOUs have been signed with organizations to impart soft skill and life skill training to the students. SVECW has MOUs with University of Massachusetts – Lowell, Purdue University, Northern Illinois University, USA, Thoma Pads Pvt. Ltd., HI – Q Electronics Systems, Engine Consulting Pvt. Ltd., Examshub.com, InfoTech Enterprises and Anjani Portland Cement Ltd.

JKC STAR STATUS

The JKC Star status was given to the best performing JKC Colleges in terms of Infrastructure, commitment, placements and assessment. JKC Star Status of the college is reviewed regularly based on commitment of the college, infrastructure provided and support given. Every year, about fifty students selected by different organizations are trained for six months in JKC Star colleges.

UGC 2F/12B

Shri Vishnu Engineering College for Women has been included under UGC Section 2(f)/12B of the UGC Act for autonomous status.

INNOVATIVE PRACTICES

a. PROGRAMMES @ SVECW



The Vishnu Educational Development and Innovation Centre (VEDIC) is a unique initiative in a privately funded educational institution for the benefit of more than 1200 faculty and 20000 students. The exclusive residential campus caters to our faculty, staff, students, and other experts from India and abroad. They work in a collaborative environment to create rich, engaged learning and teaching experiences. With the transformation from teaching to learning, faculty and students have to understand innovative scientific educational practices, educational psychology and behavioral science to meet the requirements of the future. At VEDIC, faculty and students undergo interactive and activity based training programmes in these areas. In the years to come, VEDIC is sure to emerge as a Center of Excellence with research in thrust areas of education and projects in building educational software, content development and delivery.

C.A.S.T - CAREER ASPIRATIONS IN SCIENCE AND TECHNOLOGY

Is an innovative program for all the budding freshmen engineering students to bridge the gap in approaches to learning between intermediate and the undergraduate engineering programs. Some of the salient objectives of the program are:

- To inculcate the spirit of self-learning
- To know the characteristics of a good student
- To prepare an action plan to be successful in their career
- To be aware of different concepts of science and technology
- To make the students realize their responsibilities as a student of engineering.

PERSONALITY DEVELOPMENT

Our highly qualified and dedicated faculty members maintain discipline, pay individual attention, stress on good communication skills, and arrange seminars to infuse self-confidence which ultimately ensure an integrated development of a student's personality.

GRE/TOEFL/ GATE/IES/IAS

Coaching is arranged to the students in the evenings and holidays.

BRIDGE COURSES

Special classes are regularly conducted in the subjects of English and Mathematics for the newly admitted students with rural and Telugu medium background every year.

FOREIGN LANGUAGES

The study of languages has long been one of the distinctive and defining features of technical education now-a-days. Knowledge in more than one language is increasingly important in the world of twenty-first century. At SVECW, students are expected to engage in study of a foreign language for their career benefits. Foreign Languages such as French, German, Spanish, Japanese, Korean and Mandarin and other useful languages are taught by Language Labs, Chennai with their well-versed language trainers. Certificates are awarded at the end of each level of the course.



DEPARTMENT OF PSYCHOLOGY

Psychology Department is enhanced with professional woman Psychologist as well as a Counselor, who are available round the clock, to counsel the students. Psychological *issues especially stress* can affect many areas of *students* lives, reducing their quality of life, academic achievement, physical health, and satisfaction with the life. Experts say stress, expectations, and social media are putting more stress on today's college *students*. In this regard, Department of Psychology and Lifeskills, Sri Vishnu Educational Society, Bhimavaram was established in August 2018 to strengthen students psychologically. Dr. K.Bhavani Prakash is the Head of the Department of Psychology and Lifeskills and Ms. M.Monika is the counseling Psychologist

COUNSELLING

Students are given individual attention through "Student Counseling Scheme" and are encouraged to improve their academic performance and participate in extracurricular activities. Through this scheme, parents are periodically informed of their wards' progress in the Institute.

CUSTOMIZATION

A value-addition to the students counseling scheme is customization of students, a novel concept. Every student has her own interests, latent skills, dreams and goals. The objective of customization of every student is to identify or recognize her areas (academic or otherwise) of interest and encourage or motivate them in those areas by providing them the necessary inputs to realize their goals. Customized counseling is a time-consuming exercise and is a highly fruitful one to cater to the interests of the students. After completion of this whole exercise, a solid data base of all the students is created.

Based on this data, a matrix table is designed with certain identified parameters. Each parameter represents a certain area of students' interest. When once these parameters are identified and fixed, it becomes clear to provide the necessary inputs to the students. The customized counseling of students is in vogue at SVECW and an on-going process.

REMEDIAL COACHING

Study Hours are conducted during the evenings to clarify the doubts and motivate the students whose performance in the internal tests is not satisfactory.

CO-CURRICULAR CALENDAR

Co-curricular activities such as Quiz, Group Discussion, Aptitude Skills, Seminars, Paper Presentation, Communication Skills, Extempore etc., are incorporated in the regular time table.

ONLINE FEEDBACK

The College believes in and gives importance to the feedback received on ONLINE from different sources such as

- * Feedback on evaluation of staff by students
- * Feedback on facilities by students
- * Feedback on Administration by staff to understand their views and redress their grievances.

SMART CLASS ROOMS

Each smart class room creates right ambiance with the facilities such as A.Cs, computer, wall mounted fans, LCD projector, podium, OHP and book-rack with books.

Self-Center of JNTU-K All the examination halls are provided with IP cameras connected to the University portal.

KNOWLEDGE CENTRE

Our students are given an opportunity by sending them to the Knowledge Centre now and then to give training to the school children. The Knowledge Centre provides lab facilities to the school-going children who have no such facilities in their schools. This is the dream child of late Dr.B.V.Raju garu. The salient features of Dr. B.V. Raju Knowledge Centre are:

Seminar Hall with audio-visual teaching aids

State-of-the-Art Computer Lab.

Well-equipped Physics, Chemistry and Biological Sciences Laboratories

Modern Library

English Communication Skills Lab

Transport Facility between schools and the centre

b. SCHEMES @ SVECW

EARN WHILE LEARN SCHEME

One of the innovative schemes for the students is EARN WHILE LEARN SCHEME. In this we utilize the students' services in connection with tutorials, study hours, internet centre, library and information centre, telephones and language labs and provide them with financial assistance.

HEALTH SCHEME

All the students in the College are covered under insurance scheme.

NSS

With the slogan of "Not Me But You", National Science Scheme inculcates positive personality traits in students through social service. The overall personality of a student will be nurtured only with her active participation in serving the society. At SVECW, Students NNS Unit-1 was established in order to extend their services to the society to the extent possible.

TRAINING & PLACEMENT

Students undergo training in various core areas like banking, retailing etc. in reputed institutes to make them aware of the application of their disciplines to these fields. Students got placed in several companies including Microsoft, Infosys, Satyam, TCS, IBM and Wipro.

MICRO-LEVEL TEACHING PLAN

Micro level Teaching Plan has been introduced. The highlight of the Micro level Plan is to prepare a schedule which indicates the details of the portions to be covered date wise in each subject. Lectures are delivered using LCD projector and Animation developed by faculty themselves or downloaded from the websites of foreign universities. Invited lectures by eminent academicians and industrialists are also included.

c. FACILITIES @ SVECW

- ✓ Green campus
 - 512 KWP Rooftop Solar Power Plant
 - Zero Liquid Discharge (Underground drainage system with 3 Sewage Treatment Plants)
 - Solid Waste Management
 - Pedal Against Pollution
- **✓** Floating Seminar Hall (Afloat)
- **✓** Mini Theatre (MiniPlex)
- ✓ Vishnu Audio Visual Academy
 - Radio Vishnu 90.4 CR
 - Vishnu TV Academy
 - Music Club in association with School of Indian Film Music (SIFM), Chennai
- ✓ Dedicated Power Line and purchase of power through Open Access for uninterrupted power supply
- ✓ 1420 KVA Generator backup
- ✓ Telephone Exchange RSU
- ✓ Post Office
- ✓ Indian Bank & 3 ATMs
- ✓ Wi-Fi Campus
- ✓ CCTV Surveillance
- ✓ Air-Conditioned Indoor Auditoriums ranging from 150 to 1200 capacity
- ✓ Centralized Kitchen with Air-Conditioned Dining Halls
- ✓ Vishnu Green Meadows Housing Colony for the Staff
- ✓ RO Plant of 10000 Lph capacity on 24/7 basis
- ✓ Higginbothams Book Store
- ✓ Boat Club
- ✓ Swimming Pool
- ✓ Fitness Centers with Multi Station Gyms
- ✓ 400 mts. & 200 mts. tracks for Athletics
- ✓ Laundry
- ✓ Bakery

- ✓ Beauty Parlor & Men's Saloon
- ✓ Convenience Store
- ✓ Food Courts
- ✓ Milk Parlor
- ✓ Campus Guest House
- ✓ Campus Temples

Academics

- ✓ A.P Skill Development Centre
- ✓ Assistive Technologies Laboratory in collaboration with UMass, Lowell
- ✓ IBM Centre of Excellence
- ✓ IBM Mobility Lab
- ✓ Texas Instruments Lab
- ✓ Virtusa Center of Excellence
- ✓ Women in Software Engineering (WISE) Training by TalentSprint
- ✓ Foreign Languages coaching
- ✓ 3D Printing Lab
- ✓ Vehicle Design Lab
- ✓ CAD/CAM Lab
- ✓ Cloud Computing Lab
- ✓ Mobile Dental Clinic as well as Satellite Dental Clinics
- ✓ Exchange Programmes with Tufts University
- ✓ Rural Women Technology Park
- ✓ Excellent Training & Placement Track Record
- ✓ Student Clubs (like Astronomy, Idea, Cultural, Literary, Eco-Friendly, etc.) and other Activity Centers
- ✓ Approved Research Center for Pharmacy under Andhra University.
- ✓ Regional Center for Indo-US Collaboration for Engineering Education (IUCEE).
- ✓ APSSDC AP State Skill Development Center.
- ✓ Examination Center for TOEFL.
- ✓ Help Line Center for EAMCET.
- ✓ Edu-SAT Center.

For further details pertaining to the Institutions of the Society and Foundation, please log on to www.srivishnu.edu.in

Professional Bodies

Institution of Engineers:

Sri Vishnu Engineering College for Women, Bhimavaram is proud to be a part of the largest multi-disciplinary engineering professional society in the English-speaking World, The Institution of Engineers (India). The students' chapter of Institution of Engineers (India) was started in 2016. **IE**(India) is the national organization for Engineers in India with the objective to grow the interaction between students and industry people and increase the knowledge that will be required by the students pertinent to the industry

ISTE

A student chapter of Indian Society for Technical Education (ISTE) was established. This acts as a platform to initiate steps for improving technical education as well as to conduct various activities such as seminars, quizzes and all others pertaining to technical education.

CSI

The CSI Faculty as well as Student Chapters of Computer Society of India was established and activities are conducted on a regular basis.

IETE

Student Chapter of Institution of Electronics & Telecommunication Engineers was established. IEEE An IEEE Student Batch was established SAE Department of Mechanical Engineering started SVECW SAE (Society of Automotive Engineers INDIA Students Chapter).

IEEE

IEEE - stands for the Institute of Electrical and Electronics Engineers. IEEE is the world's largest professional association dedicated to advancing technological innovation and excellence for the benefit of humanity. IEEE and its members inspire a global community through IEEE's highly cited publications, conferences, technology standards, and professional and educational activities. IEEE creates an environment where members collaborate on world-changing technologies – from computing and sustainable energy systems, to aerospace, communications, robotics, healthcare, and more. The IEEE Brand Identity Toolkit explains the basic usage rules for all corporate identity elements and how to utilize them to create a powerful and consistent communications pieces.

d. Amenities @ SVECW

HOSTEL

SVECW provides the best hostel accommodation and security to the inmates of all girl students and food is served in the Air-conditioned dining halls.

FOOD COURTS

Students can have delicious food items to relish at different locations in the campus.

DIGITAL LIBRARY

Digital Library was established for the benefit of staff and students with 30 systems and subscribed to online IEEE journals (IEL). College has got institutional membership for DELNET, British Library, IETE, ISTE, and CSI & SONET.

INTERNET & WIFI

Internet Connectivity of 16 Mbps is available in the college. It is accessible to students from 08.00 a.m. to 10.00 p.m. on all working days and from 11.00 a.m. to 04.00 p.m. on all Sundays and Holidays.

MUSIC CLASSES

Music brings solace in life. It synthesizes the energies within and makes one experience the bliss of life. Keeping this in view, the campus takes initiative to organize music classes for the benefit of all the enthusiastic music lovers in the evening within the campus.

An expert in music has been appointed to train the students and make them experience the splendor of music.

FILMS

Films are screened twice a month for students' entertainment and recreation at Vishnu Miniplex.

GYMNASIUM

Health is wealth. Every student should keep this wise saying in mind. Apart from other facilities, our students are encouraged to exercise regularly at girls' gymnasium.

BOAT CLUB

A boating club has been set up in the premises for the recreation of the students. Boat Club has three boats in the pond located in the northeast corner of the third phase of the campus.

POST OFFICE

In spite of the use of latest technology in communication, the service of post office is not undermined. The post office at SVECW is meeting the daily needs of the college and the students in the process of knowledge acquisition and sharing.

TELEPHONE EXCHANGE

Vishnu Telephone Exchange covers more than 1000 internet systems at Shri Vishnu Engineering College for Women and its allied educational institutions in the campus with a landline and internet facility. Vishnu Telephone Exchange provides more facilities for the benefit of students here.

BANK

A branch of Indian Bank was exclusively begun in Bhimavaram Campus in order to provide services to the students without any inconvenience to them.

SWIMMING POOL

To relax after a long day at studies and maintain a healthy life style, the swimming pool, next the sports complex is the ideal place for swimming enthusiasts. With the latest technological features, round the clock water circulation and purification plants, lifesaving apparatus and pool side equipment, the pool is a superb facility that only SVECW has. Individualized assistance in developing skills in all the four strokes by the coach is also available.

WATER TREATMENT PLANT

Water Treatment Plant is the back bone of Bhimavaram Campus. Purified water is supplied to the college and all the hostels.

BEAUTY PARLOR

A beauty parlor was set up to meet the needs of the modern young girls within the campus. An expert lady Beautician looks after the parlor.

e. STUDENT CLUBS @ SVECW

SVECW offers all students an opportunity to pursue their interests and an outlet for their creativity.

A mosaic of activities is underway, started by students with the coordination of the faculty members. More new clubs are being founded to develop a campus that truly represents their interests.

To mention only a few:

ROCK ME FAB CLUB: is a platform to discuss different social issues. Further, it also brings out the diverse talents of students in various events.

TECHNI SAFOOS: promotes a vibrant campus experience through organizing activities of the performing arts, crafts and design. it simulates lifelong learning and interaction while enabling students to learn how to reflect critically on their own and others work. The Pandemic has taught us very important lesson around the way to explore our lives by staying at home. Students especially need to broaden their skills along with Online Academics. Keeping that in mind SVECW planned to organize "Add On's to Academics Workshop" (Arts and Crafts) on 9.6.21 (Wednesday) from 10am to 1pm (3hrs). This opens a new understanding of therapy, art of weaving with paper and one's own ability to create a piece of art. The Workshop is facilitated by Dr. Sharmila Nagraj, Founder Kaumudi Studio, Hyd.

ECHARTS: is SVECW's first education service based club formed in 2014 with a motto that every child has a right to study. Since then E-CHARTS started concentrating on those who are gifted with brilliant minds, but sadly not with money. The students collect funds to donate to the most deserved and needy.

TECHXTREME CODING CLUB:

The main objective of this club is to enhance the programming skills and problem solving ability among students and make them industry ready. It strengthens logical thinking and supports key academic subjects such as science and technology. Under this club students actively participate in different coding contests and Programming events.

SPARTA: is SVECW's You Tube channel having four streams: SVECW, TECHNICAL, HELPING HANDS and ENTERTAINMENT in which videos made by our students are uploaded about events in the college.

TOASTMASTERS CLUB

SVECW Speech Weavers Toastmasters is an International club that teaches public speaking and leadership skills through a worldwide network of its internal clubs. SVECW Speech Weavers Toastmasters Club was formed on 1st March 2019 and it was chartered on 27th March 2019 with 30 members under Area E5, Division E, District 98. The college club had elections for the cycle January-June 2020 on 26 December 2019 and new executive committee has been formed.

MECOW Club (Mega Events Celebration of the World)

The objective of the club is to enrich students' knowledge levels, to build up their observation, concentration and analytical skills by celebrating the days that are declared by the United Nation Organization (UNO). On specific days various activities are conducted by students for students. This club aims at enhancing the communication and leadership skills of students.

SAHAYA CLUB

Is a Charitable Social Outreach Program started by the students to give back to society in their own small way. In association with Red Cross Society, Eluru, the students organize blood donation camps; prevent precious food and clothes from being wasted. Instead they share these with the less privileged, thus inspiring other youngsters to be thrifty. **Talent hunt** a fund raising program was organized on 26th Feb 2020 for the people who are in needy. It was magnificently organized by the Sahaya Coordinators and Volunteers. Programs like singing and dancing were performed by students. Audience (students and faculty) bought the ticket for 70 Rs. On the whole they collected 94,000 rupees from the audience and it will be donated to those who are in need.

MUSIC CLUB

Music Club was started in our college. All the interested students are learning Classical, Light, Hindustani, Hindustani Light Classical, Folk and Western music.

IDEA CLUB

The IDEA club improves students 'creative thinking. The main motto of this club is to inculcate the habit of using library to the maximum. This also improves their communication skills and brings out their hidden talents by way of various competitions. An instagram page with the title IDEA CLUB was created and activities were carried on by the students itself through online mode.

AAA CLUB

The Amateur Astronomy Association (AAA) was started on the 21st of November 2011 as a small attempt to fuel the passion of amateur astronomers. Now it acts as a window to an exciting world of stars by means of a Telescope. The objectives of the club are to increase interest and awareness among students about space and related sciences through seminars and documentaries; to partake in various field trips; to observe the night sky and study the movements of various heavenly bodies. The AAA club student members of SVECW conducted an event called "Live observation of Lunar eclipse" on 30st Jan 2019. Around 100 Students of all the years and branches of SVECW were gathered at Telescope centre [Top of the Library] to observe the natural formation of lunar eclipse through Konus Eigimax 90 Telescope

ECO CLUB

The club creates a sense of responsibility in students about environmental hazards and our nice abode, the Mother Earth. Students make documentaries with the aid of teachers on various aspects of environmental threats to bring awareness in the society. E-classes are also conducted to gain practical experience about the ill-effects of pollution and plastic usage. An Webinar on Clean&Green energy by Er.D.Viswanath, Energy Auditor was conducted on January 26, 2021.

VISHNU CULTURAL CLUB

At Vishnu Cultural Club, a lot of cultural activities take place in order to Club identify the hidden talents of our students.

PHOTOGRAPHY CLUB

Photography is an art. The students who are interested will be taught photographic techniques. Small movies are also screened with the guidance of experts. This club will enhance students' skills in strengthening their pastime into a very useful habit.

PAINTING CLUB

Specially, this club brings out the creative talents in students. Events such as pencil sketches, colour painting, water colour and craft work are conducted twice a month. In this way, the Painting Club facilitates an opportunity to exhibit their latent talents.

YOGA

Yoga nurtures both mind and the body. It rejuvenates both thinking abilities and physical strength. Yoga is considered to be the best practice for students in keeping their body and mind healthy. For many valid reasons, our students at SVECW are given yoga practice by a seasoned yoga trainer.

SPORTS

Here, sports and games are a part of every student's life. They are encouraged to participate in games and sports at different levels of competitions The students are encouraged to excel in

sports and games. In 2019 JNTUK South Zone Sports Competitions nearly 12 girls bagged Prizes in different fields like Cricket, Volleyball, Basket ball, Rope Skipping etc.

PAGE TURNERS

is a reading club for enthusiastic booklovers. The college has acquired many fiction and nonfiction books based on the students' interest. Events are conducted periodically to encourage a competitive spirit.

MATHLETES

is a platform for the number crunchers to share to explore and to enjoy the power of Mathematics in everyday life. Club encourages the students to imbibe the spirit of an athlete in her endeavor to play with numbers. Every year on December 22nd Celebrations of birth anniversary of noted Indian mathematician **S Ramanujan** were conducted. In 2020 being Pandemic an online quiz event was conducted on General Mathematics through Quizzes platform.

HAPPY CLUB

is a community of student volunteers who recognize and identify needy students who require psychological counseling to overcome from their personal stress and to lead a happy life. Recently an Orientation Program was carried out to 1st year B.Tech students by Dr. K. Bhavani Prakash the Head of the Department of Psychology and Life skills from 27th May 2021 to 3rd June 2021. Around 550 students attended the Orientation Program conducted through online

THE INKLINGS

is one of the latest clubs for those students who wish to explore their creativity and put their ideas on paper. The club shares knowledge, experience and mentors the budding writers to publish their works online.

Self Defence Club

Self Defence Club in SVECW organized classes in the sprawling lawns of the college on different techniques and martial art and demonstrated how to defend ourselves in case of sudden attacks in public places. The college organized **Dare workshop** for the beneficial of the students.

Master Trainers Ms.S.Revathi and **Ms.P.Devi** from MSPL Bangalore conducted DARE (Defense Against Rape and Eve teasing) Workshop in our college on 22nd October 2019 for I. B.Tech Students. They conducted four sessions for the students.

f. TRANSPARENCY @ SVECW

STUDENTS COUNCIL

Students Council is constituted with the students elected from different classes. Meetings of this council are scheduled regularly to make the students as active participants in the development process.

HOSTEL COMMITTEE

Hostel Committee is formed with the Principals of all the Colleges and officials looking after the hostels and mess in addition to the student representatives drawn from different campus colleges.

PARENTS COUNCIL

Parents 'Council is constituted with the students' parents, drawn from different professions. The meetings are scheduled frequently so that detailed interaction takes place, and based on the suggestions, improvements are made in the functioning of the institution. Meeting of parents of all students is arranged once or twice in an academic year in order to get the feedback about the facilities available in the institution.

ANTI RAGGING COMMITTEE

Anti-ragging committee members, anti-ragging squad and mentoring cell will always extend their support and cooperation to the freshers at any moment and we ensure that SVECW is free from ragging virus.

INTERNAL COMPLAINTS COMMITTEE (ICC) - SEXUAL HARASSEMENT AND ERADICATION CELL

ICC provide assistance if an employee or a student chooses to file a complaint with the police. Inaddition to that conduct Orientation Programs / Workshops on gender sensitization and sexual harassment issues.

WOMEN PROTECTION CELL

The Women Protection Cell was constituted formally in 2012. This is specially to protect the rights and help women, both lady faculty and students of SVECW, from any sort of violence against them. The women are also protected from any sexual harassment. Our students are advised to report their problems directly to the principal or the members of WPC. They can also report it in writing and post it in the suggestion/complaint box in the First Block of SVECW.

The accused will be given verbal or written warning, financial punishment, Information to police for legal inquiry and action or expellingfrom college as per rules of university depending on the nature of sexual abuse or harassment. On the occasion of World Mental Health Day 2019 an awareness programme was conducted to SVECW students. The Theme of the Mental health day 2019 is "Suicide Prevention". The Programme was conducted on 10th October 2019.

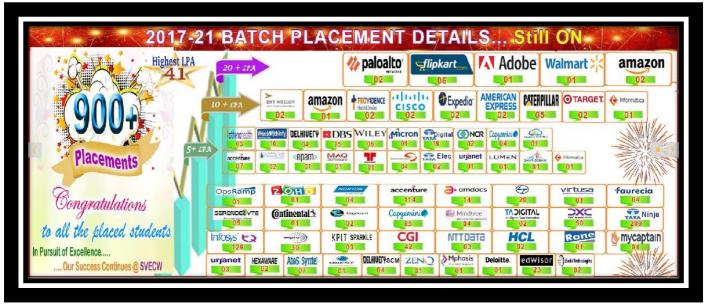
SKILL DEVELOPMENT CENTER

Shri Vishnu Engineering College for Women is proud to be one among 17 skill development centers set up under APSSDC by the Government of Andhra Pradesh. The centers promote innovation among students by giving them opportunities for development of mobile apps and other skills. The skills development centers have app developers and experts from software giants like Microsoft and other companies who train students in mobile app development. The aim is to encourage students in various fields to develop a gamut of apps for technology, agriculture, governance, beauty fashion to emergency services, among others and finally to create entrepreneurs who have a unique opportunity to lead the world in innovation

GALA OF PLACEMENTS

Shri Vishnu Engineering College for Women achieved a rare feet of crossing placements for the current academic year 2021-22. It crossed the milestone of **903** offers. SVECW has been a consistent, outlier for several years in the list of campus placement records among private institutions of India. It is proud that B .Tech graduates are highly rated by employers from industry in the private & public sectors. Number of offers made by different companies including top most companies like Amazon, Flipkart and Adobe with highest Package of 30 – 43.95 lakhs.









Training & Placement Cell

For the last many years SVECW has been consistently topping, in the list of campus placement records among private institutions in Andhra Pradesh. Students of SVECW are sought after by employers from industry and the public sector.

Training and Placement Cell plays a vital role for students' job seeking endeavors, offering information, guidance and support. Mentors in each department encourage students to check out for various career options based on their areas of interest. The students are encouraged to attend a wide range of talks, information fairs and recruitment events.

With this goal in mind, the Training and Placement (TAP) Cell:

- 1. Arranges for in-plant industrial training for students during their summer and Intra semester break.
- 2. Encourages students to become entrepreneurs, through Entrepreneurship Development Programmes.
- 3. Facilities training for students to face competitive exams like GATE, GRE, GMAT, TOEFL and prepares them for the interviews.
- 4. Organizes campus interviews for pre-final and final year students with industrial and reputed business houses from across India.

The Training and placement cell is headed by a Dean and is assisted by the Placement Officers.

Training and placement cell is now entrusted with the additional duty of interacting with the Industry to enhance the employment opportunities of the students and to get projects for staff to improve their "real world" awareness etc.

Placement Team

Mr. Satish Paruchuri - Director, Industry Relations

Mr. Ravikiran Saili - Manager, Industry Relations

Ms. Sulakshana Sriram, Asst. Director, Industry Relations

Ms. Pushpa, Industry Liasion Officer, Hyderabad Region

Mr. Atul Kirdant - Industry Liaison Officer, Pune Region

Mr. Arokiadoss - Industry Liaision Officer, Tamil Nadu Region

Mr. Ramesh - Industry Liaision Officer, Bangalore Region

Mr. Devendar – Industry Liasion Officer, Vadodar Region

TEAM @ SVECW

Dr. G. Subba Raju, Placement Officer - SVECW

Mr. V. Srinivasa Rao, Member - ECE

Mr. K. Swaroop, Member - EEE

Dr. K. Ramachandra Rao, Member - CSE

Mr. K. Ramu, Member - IT

Mr. K. Raghavendra Sai, Member - ME

Mrs P.Lavanya, Member – Civil

COLLEGE ACADEMIC COMMITTEE

S.No.	DESIGNATION	NAME	CONTACT	E-MAIL ID
1.	Principal	Dr. G.Srinivasa Rao	9949415027	principal@svecw.edu.in
2.	Vice-Principal	Dr. P.Srinivasa Raju	9949433561	viceprincipal@svecw.edu.in
3.	Dean Academics	Dr.V.Purushotama Raju	9440786023	deanacademics@svecw.edu.in
4.	Dean RnD	Dr. G.R.L.V.N.SRaju	9848422432	dean <u>rnd@svecw.edu.in</u>
5.	Dean ICT	Mr.P.Venkata Rama Raju	9985866686	deanict@svecw.edu.in
6.	Dean SB	Dr.V.V.R.Maheshwara Rao	9949056525	deansb@svecw.edu.in
7.	Dean Placements	Dr.G.Subba Raju	9949470637	deanplacements@svecw.edu.in
8.	HOD-ME	Dr.Ch.Hari Krishna	9347023538	hodmech@svecw.edu.in
9.	HOD- CSE	Dr. P.Kiran Sree	9912520723	hodcse@svecw.edu.in
10.	HOD-EEE	Dr. S.M.Padmaja	9849746741	hodeee@svecw.edu.in
11.	HOD-CE	Dr. P. Gireesh Kumar	8978784998	hodcivil@svecw.edu.in
12.	HOD-ECE	Dr. K .Padma Vasavi	9441414651	hodece@svecw.edu.in
13	HOD-IT	Dr. D.Naga Raju	9542918778	hodit@svecw.edu.in
14.	HOD-AI&DS	Dr.A.Sri Krishna	8885605656	hodai@svecw.edu.in
15.	HOD-MBA	Mr. M. Prudhvy Raju	8919181676	hodmba@svecw.edu.in
16.	HOD- Mathematics	Dr. D.Ravi Kiran	9912520723	hodmaths@svecw.edu.in
17	HOD-English	Mr.P.Sreehari Raju	9989823415	hodenglish@svecw.edu.in
18	HOD-Chemistry	Dr.K.Jagadish	9704334888	hodchemistry@svecw.edu
19	HOD-Physics	Dr.J.V.Srinivas	9866850201	hodphysics@svecw.edu.in
20.	Controller of Examination	Mr. P.Surya Prakash Varma	9989478831	ce@svecw.edu.in
21.	Librarian	Dr. A. Kaladhar	9849413698	librarian@svecw.edu.in
22.	Physical Education Director	Dr. G. Suneetha	9392216177	pd@svecw.edu.in
23.	Administrative Officer	Mr. Md. Siddiq	9949068846	apkasiddiq@svecw.edu.in



SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN:: BHIMAVARAM (AUTONOMOUS) DEPARTMENT OF MECHANICAL ENGINEERING

R20 REGULATIONS I B.Tech. ME Course Structure with effect from AY 2020-21

Semester I (First year)

S. No.	Course Code	Course Title
1.	UGBS1T0220	Mathematics – I
2.	UGBS1T0520	Industrial Chemistry
3.	UGBS1T0120	English-I
4.	UGME1T0120	Engineering Drawing
5.	UGCS1T0120	Computational Thinking with 'C'
6.	UGBS1P0620	English Communication Skills Lab
7.	UGBS1P0920	Industrial Chemistry Lab
8.	UGCS1P0220	Computational Thinking with 'C' Lab

S. No.	Course Code	Course Title
1.	UGBS2T0120	Mathematics-II
2.	UGBS2T0320	Engineering Physics
3.	UGEE2T0120	Basic Electrical and Electronics Engineering
4.	UGCS2T0120	Python Programming
5.	UGME2T0220	Engineering Mechanics
6.	UGCS2P0320	Python Programming Lab
7.	UGBS2P0620	Engineering Physics Lab
8.	UGME2P0320	Engineering Workshop & IT workshop
9.	UGBS2A0920	Environmental Science



SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN:: BHIMAVARAM (AUTONOMOUS) DEPARTMENT OF CIVIL ENGINEERING

R20 REGULATIONS I B.Tech. CE Course Structure with effect from AY 2020-21

Semester I (First year)

S. No	Course Code	Course Title
1	UGBS1T0220	Mathematics – I
2	UGBS1T0520	Industrial Chemistry
3	UGBS1T0120	English-I
4	UGME1T0120	Engineering Drawing
5	UGCS1T0120	Computational Thinking with 'C'
6	UGBS1P0620	English Communication Skills Lab
7	UGBS1P0920	Industrial Chemistry Lab
8	UGCS1P0220	Computational Thinking with 'C' Lab

S.No	Course Code	Course Title
1	UGBS2T0120	Mathematics-II
2	UGBS2T0320	Engineering Physics
3	UGEE2T0120	Basic Electrical & Electronics Engineering
4	UGCS2T0120	Python Programming
5	UGCE2T0120	Engineering Mechanics
6	UGCS2P0320	Python Programming Lab
7	UGBS2P0620	Engineering Physics Lab
8	UGCE2P0220	Computer Aided Design and Drafting Lab
9	UGBS2A0920	Environmental Science



SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN:: BHIMAVARAM (AUTONOMOUS) DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

R20 REGULATIONS I B.Tech. ECE Course Structure with effect from AY 2020-21

Semester I (First year)

S.No.	Course Code	Course Title
1	UGBS1T0220	Mathematics – I
2	UGBS1T0420	Engineering Chemistry
3	UGBS1T0120	English – I
4	UGEC1T0120	Circuit Analysis
5	UGCS1T0120	Computational Thinking with 'C'
6	UGBS1P0620	English Communication Skills Lab
7	UGBS1P0820	Engineering Chemistry Lab
8	UGCS1P0220	Computational Thinking with 'C' Lab

S. No.	Course Code	Course Title
1	UGBS2T0120	Mathematics-II
2	UGBS2T0220	Applied Physics
3	UGEC2T0120	Fundamentals of Analog Electronics
4	UGCS2T0120	Python Programming
5	UGME2T0120	Engineering Drawing
6	UGCS2P0320	Python Programming Lab
7	UGBS2P0520	Applied Physics Lab
8	UGEC2P0320	Analog Electronics Lab
9	UGBS2A0920	Environmental Science



SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN:: BHIMAVARAM (AUTONOMOUS) DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

R20 REGULATIONS I B.Tech. CSE Course Structure with effect from AY 2020-21

Semester I (First year)

S.No.	Course Code	Course Title
1	UGBS1T0220	Mathematics – I
2	UGBS1T0320	Applied Physics
3	UGBS1T0120	English-I
4	UGEE1T0120	Basic Electrical Engineering
5	UGCS1T0120	Computational Thinking with 'C'
6	UGBS1P0620	English Communication Skills Lab
7	UGBS1P0720	Applied Physics Lab
8	UGCS1P0220	Computational Thinking with 'C' Lab

S.No.	Course Code	Course Title
1	UGBS2T0120	Mathematics-II
2	UGBS2T0420	Engineering Chemistry
3	UGEC2T0220	Basic Electronics Engineering
4	UGCS2T0120	Python Programming
5	UGCS2T0220	Data Structures with C
6	UGCS2P0320	Python Programming Lab
7	UGBS2P0720	Engineering Chemistry Lab
8	UGCS2P0420	Data Structures Lab
9	UGBS2A0820	Indian Constitution



SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN:: BHIMAVARAM (AUTONOMOUS) DEPARTMENT OF INFORMATION TECHNOLOGY

R20 REGULATIONS I B.Tech. IT Course Structure with effect from AY 2020-21

Semester I (First year)

S. No.	Course Code	Course Title
1	UGBS1T0220	Mathematics – I
2	UGBS1T0320	Applied Physics
3	UGBS1T0120	English-I
4	UGEE1T0120	Basic Electrical Engineering
5	UGCS1T0120	Computational Thinking with 'C'
6	UGBS1P0620	English Communication Skills Lab
7	UGBS1P0720	Applied Physics Lab
8	UGCS1P0220	Computational Thinking with 'C' Lab

S.No.	Course Code	Course Title
1	UGBS2T0120	Mathematics-II
2	UGBS2T0420	Engineering Chemistry
3	UGEC2T0220	Basic Electronics Engineering
4	UGCS2T0120	Python programming
5	UGIT2T0120	Digital Electronics
6	UGCS2P0320	Python Programming Lab
7	UGBS2P0720	Engineering Chemistry Lab
8	UGIT2P0220	IT Essentials Lab
9	UGBS2A0820	Indian Constitution



SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN:: BHIMAVARAM (AUTONOMOUS) DEPARTMENT OF ARTIFICIAL INTELLIGENCE

R20 REGULATIONS I B.Tech. AI & DS Course Structure with effect from AY 2020-21

Semester I (First Year)

S. No.	Course Code	Course Title
1	UGBS1T0220	Mathematics – I
2	UGBS1T0320	Applied Physics
3	UGBS1T0120	English – I
4	UGAI1T0120	Fundamentals of Drones
5	UGCS1T0120	Computational Thinking with 'C'
6	UGBS1P0620	English Communication Skills Lab
7	UGBS1P0720	Applied Physics Lab
8	UGCS1P0220	Computational Thinking with 'C' Lab

S. No.	Course Code	Course Title
1	UGBS2T0120	Mathematics-II
2	UGBS2T0420	Engineering Chemistry
3	UGEC2T0220	Basic Electronics Engineering
4	UGCS2T0120	Python programming
5	UGIT2T0120	Digital Electronics
6	UGCS2P0320	Python Programming Lab
7	UGBS2P0720	Engineering Chemistry Lab
8	UGAI2P0120	IOT Lab
9	UGBS2A0820	Indian Constitution



SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN:: BHIMAVARAM (AUTONOMOUS) DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

R20 REGULATIONS I B.Tech. EEE Course Structure with effect from AY 2020-21

Semester I (First year)

S. No.	Course Code	Course Title
1	UGBS1T0220	Mathematics – I
2	UGBS1T0420	Engineering Chemistry
3	UGBS1T0120	English – I
4	UGME1T0120	Engineering Drawing
5	UGCS1T0120	Computational Thinking with 'C'
6	UGBS1P0620	English Communication Skills Lab
7	UGBS1P0820	Engineering Chemistry Lab
8	UGCS1P0220	Computational Thinking with 'C' Lab

S.No.	Course Code	Course Title
1	UGBS2T0120	Mathematics-II
2	UGBS2T0220	Applied Physics
3	UGEE2T0220	Electrical Circuit Analysis-I
4	UGCS2T0120	Python Programming
5	UGEE2T0320	Analog Electronics
6	UGCS2P0320	Python Programming Lab
7	UGBS2P0520	Applied Physics Lab
8	UGEE2P0420	Electrical Circuits Lab
9	UGBS2A0920	Environmental Science

Guidelines to Students

General:

- Ragging in any form is totally banned and anyone found indulging in ragging is severely punished including dismissal from the college.
- Cell phone usage is strictly prohibited inside the campus.
- All members should display their identity cards prominently and it should be produced to the security if required.
- College will normally work for 8 hours from 08.00 a.m.
- Students are required to be regular and punctual to the classes.
- Students should be seated in the lecture halls 5 minutes before the commencement of the class
- Students should maintain perfect order and strict silence inside the lecture/drawing halls/ labs/ workshop at all times.
- Movement outside the classroom in between lectures should be minimum and for valid reasons only.
- They should bring calculators every day and drawing instruments and charts whenever needed. They should avoid borrowing them in the college from other students or try to procure them after coming to college. Observation notebooks should be brought to the laboratory classes.
- Record of experiments done in a particular class should be submitted in the next laboratory class.

Academic:

- Students should attend all tests and show good academic progress.
- Absenting from regular classes will be strictly viewed and absenteeism to the test will be viewed with utmost sternness.
- Assignments given to the students should be submitted before the due date for consideration of internal assessment marks.
- Regularity in writing the test and satisfactory performance of students in test are essential to permit the students to appear for the University examinations at the end of the year.
- Any student found indulging in malpractice in the Test/Model exams/ University exams will be debarred from appearing for the rest of the examinations.
- All students should wear clean and appropriate dress. Tea shirts, Jeans and other casuals are strictly prohibited in the campus during normal working hours. They are expected to wear shoes. They should wear Salwars or Chudidars.

Regulations:

- A minimum of 75% attendance in each semester is insisted.
- Students should get prior written permission before absenting the classes. Failure in this respect will be informed to the parents.
- Students are not allowed to take leave of absence for more than 6 days in a semester.
- Students who absent themselves without permission will be deemed to have been absent for 2 days. Continuous absence from class on medical grounds will be permitted only on production of medical certificate and letter from parent.
- The student will be attached to a class counselor and the counselor will advise the students on academic and other activities.
- The internal assessment marks will be calculated strictly based on the percentage of marks scored by the students in the tests/ examinations.
- Students should attend all tests and show good academic progress.
- Regularity in writing the tests / exams and satisfactory performance of students in tests/exams
 are essential to enable the students to earn satisfactory conduct certificate at the end of the
 program.

Library

TIMINGS

Monday - Saturday

- Working Hours 08.00 a.m. to 12.00 Night
- Transactions 08.00 a.m. to 06.00 p.m.
- Digital Library 08.00 a.m. to 12.00 Night

Sunday & Other Holidays

• Working Hours - 10.00 a.m. to 10.00 p.m.

Note: Members are responsible for all the books borrowed on their cards.

ISSUE AND RETURN OF BOOKS

- Books other than reference books will be issued to student members for a period of 21 days only.
- Reference Books, Encyclopedias, Hand Books, Dictionaries, Periodicals, Student Project Report, Dissertations, Theses and Back Volumes will not be issued and THEY ARE ONLY FOR REFERENCE
- Two renewals will be permitted if there are no reservations against these books. For renewal, books have to be presented physically at the library counter.
- Members, before leaving the counter must satisfy themselves as to whether the books, which they intend to borrow, are in good condition and any damage/marking should be immediately reported to the Librarian failing which the member to whom the book was issued will be held responsible.
- Books that are in special demand shall be lent for shorter periods as may be necessary and books lent out may be recalled at any time, if required.
- Absence will not be accepted as an excuse for the delay in the return of books.

OVERDUE CHARGES

- Members are advised to return/renew the books on or before due date marked on the book.
- A borrowed book should be returned on the due date, failing which a penalty of Rs.1/- per day per book will be collected as overdue fine.
- Undue delay in returning the books will result in the cancellation of membership

LOSS OF BOOKS

Loss of books, if any, should be reported to the library immediately and it should be replaced with a new copy along with a levy of overdue charges if any.

In case the borrower is unable to replace the books that are lost, he will be levied a penalty three times the cost of the book plus overdue charges, if any.

GENERAL RULES:

- Personal books, files and other articles (except a small notebook or loose sheets of papers) are not allowed inside the library. Members have to deposit their personal belongings at the Property Counter near the entrance.
- Silence should be observed strictly inside the library.
- Using of Cell Phones inside the library is prohibited.
- A member shall be responsible for any damage done by him/her to the books or other properties. She will be required to replace the book or other damaged property.
- Misbehavior in the library will lead to cancellation of membership and also lead to serious disciplinary action.
- Any marking or writing inside the books by the members is strictly prohibited. If any damage / marking is found, the member should replace the book.
- Notwithstanding anything contained in these rules, the decision of the authorities of the college in all matters shall be final and binding.

- All library users are required to enter their names and sign the register provided at the entrance.
- Students can borrow certain number of books, periodicals (other than the current issue), CDs for a certain period of time as stipulated and communicated by the Librarian.
- Students can borrow one book for internal use, subject to the condition that they return the book on the same day of issue.
- Library books are required to be returned by the student on or before the due date. A fine will be levied after the expiry of the due date. All issued books must be returned and library fines (if any) must be settled on time.
- Borrowers shall replace lost or damaged library materials with new versions of the same.
- Renewal of library book and of the educational materials are generally allowed if no reservation has been made for the same.
- Personal items, for example books, folders, files, blazer, jerkins, overcoats, etc. are not allowed in the library.
- Case studies and project reports will not be issued to students and are for library reference purpose only.
- Library users are expected to maintain silence at all times in the library.
- Cell phones and their use prohibited.
- Library users should present their identity card for the borrowing or renewal of library material. The Librarian reserves the right to deny the issuance or renewal of library materials where the identity card is not presented by the student.
- Marking of any kind, underlining, writing on books, and defacing any publication are strictly prohibited and if defaced, the item must be replaced with a new one.
- Smoking anywhere inside the library premises is prohibited as is the consumption of food and refreshments.
- The membership of the library is not transferable.
- Books or journals removed from the shelves should not be replaced on the shelves but should be left on the table.
- All library users are expected to read the notice board or browse the library website for library timings and other services.
- The librarian reserves the right to refuse admission to any student violating the rules and regulations of the library.
- Students should return all the borrowed items from the library, clear all fines and return the library ID card before leaving the Institution.
- To maintain dignity, decency, order, calmness both in the campus and outside the campus.
- To be regular and punctual to the classes and to be in the class at least 5 minutes before the commencement of the period. Everyday's cumulative attendance of the student will be sent to their parent's mobile as SMS. So the student should update her mobile no. and their parent/guardian mobile number if changed in ECAP.
- To obey the instructions of the teacher in the class rooms.
- To maintain perfect order and strict silence inside the lecture hall / drawing hall / laboratories.
- To be attentive in the class and to bring calculators, charts and data hand books every day.
- To note that carrying of the cell Phones are strictly prohibited in the campus
- To wear identity card inside the campus
- To inculcate the habit of looking into Notice boards of the college / departmentevery day.
- To attend all counseling sessions convened by their mentors and should feel free to explain their academic/personal/career difficulties and seek their solutions.
- To note that in all discipline matters the decision taken by the Principal is final and will be binding on all the students involved.

- To note that the scholarship amount will be released only when all the scholarship holders put in 75% attendance every month. To furnish, in their own interest, the change in the address of Father/Guardian, if any, to the Office / Department as soon as they return from summer vacation.
- Not to form any formal and informal groups on the basis of caste, community and religion.
- Not to be in the Hostel/Food Courts or at any public place during working hours of the college.
- To note that any violence on the campus, destruction of college property, and misbehavior with faculty or supporting staff or any other person in the college
- campus or the authorities of the college viewed seriously. Erring students will be liable for disciplinary action such as expulsion or rustication for specific period etc.
- To note that ragging in any form, within or outside any educational institution is strictly prohibited (refer Prohibition of Ragging in Educational Institutions Act 26 of 1997). Any student convicted of the offence of ragging will be punished with imprisonment as laid down in the said Act.
- To note that defacing of the campus buildings and walls by sticking bills posters etc. or by writing is prohibited.
- To note that all types of malpractices and unfair means in the examination hall including assault on invigilators, misbehaving in the examination hall and impersonation are punishable offences.
- Class Representatives must attend the meetings convened by the Principal/HODs and inform the decisions taken in the CRs meetings to their respective classmates.

COMPUTER LAB RULES AND REGULATIONS:

Entry/Exit

- Only students, faculty and staff of Institution are allowed inside the computer lab.
- Visitors are allowed inside the lab only and with prior permission from the appropriate authorities
- Students are required to sign the register at the time of entry and exit from the computer lab.
- Any kind of footwear inside the lab is strictly prohibited.
- Students shall not carry any storage device such as CDs without prior permission from authorized personnel, and the details of the contents in the pen drive, the CDs or any other storage device is required to be registered with the staff at the lab. Failure to observe this rule will result in the student being barred from using the lab for the remaining part of the course.

Inside the Lab

- Students have to maintain silence at all times in the lab.
- Students will occupy the computer systems as identified by the lab-in-charge.
- Students will login with their username and password.
- Where the students have carried storage devices such as pen drives CDs the same will bested for any presence of computer viruses or any other undesirable content.
- Students should not attempt to access IT servers.
- Students shall not indulge in the hacking or retrieval of sensitive information; destruction of data or Computer programs from computers and IT servers located in the Computer lab, or anywhere else on the educational campus machines as well as server.
- The Internet facility at the Institution is provided purely for academic purposes and knowledge acquisition. Students will not use this facility for sending unproductive, provocative or illegal electronic mails or indulge in undesirable Web chatting.
- Whenever a student has copied any data or Computer program from the Computer system, the same should be shown to the lab-in-charge for verification or approval.

- The lab-in-charge, programmers, inside the Computer lab or the Institution is not responsible for the loss of any personal property of the students.
- Beverages and food are prohibited inside the Computer lab.
- Mobile phones are prohibited in the Computer lab. The violation of the rule will result in the confiscation of the instrument and the expulsion of the student from the lab. The instrument will be returned of the student only at the end of the course.
- Chatting and talking is prohibited in all the Computer labs of the Institution.
- Students are prohibited from visiting any sites that do not add learning value or are illegal.
- Students should use the computer lab only for academic learning.

Inside the Workshops/Laboratory

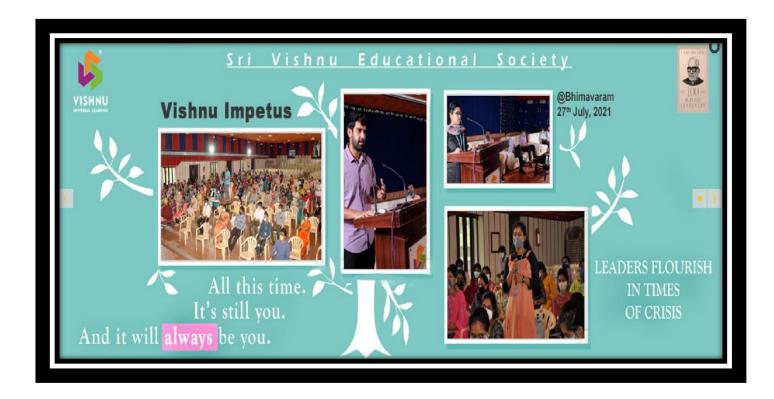
- Students are to report for the required laboratory and workshop sessions on time.
- Students are required to wear laboratory/workshop uniforms as prescribed by the institution.
- Care should be taken by the students to wear heavy duty shoes to prevent accidents in the workshop.
- All Laboratory equipment/workshop machinery/appliances/chemicals need to be handled with care by the students.
- Students must intimate the faculty laboratory assistant/workshop assistant of any breakages or malfunctioning equipment immediately and as and when it is noticed.
- Any damage caused to equipment/machinery/appliances will be recovered by the Institution from the concerned student/students.
- Students should adhere to the instructions given by the faculty/laboratory technician/workshop technician during the laboratory class.
- Students are required to report to the laboratory/workshop sessions with their record notebooks and must proceed to work silently on their experiments, either individually or in designated groups. Any unruly behavior such as, unnecessary talking in the laboratory/ Workshop is strictly prohibited.
- All materials used in the laboratory/workshop are the property of the Institution and should not be taken out of the laboratory/workshop except under the guidance of a faculty member in charge and with the permission of the Head of the Department.
- Students absenting themselves from laboratory/workshop session cannot claim to be permitted to re-do the experiments as a matter of right. The discretion/decision of the Head of the Department will be final in this case.

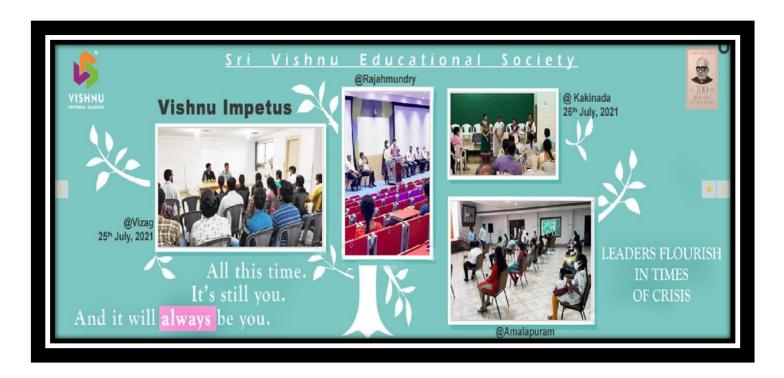
Hostellers Discipline Policy

- Discipline, to be observed in the Hostel, shall be as per the direction of the Hostel Committee and the Warden. Students should observe strict discipline and timings in the Hostel.
- Students are not allowed to stay in the Hostel during college hours without the prior permission of the Hostel / College authorities.
- They are not allowed to use T.V., in their rooms. If such things are noticed, disciplinary action will be initiated along with a minimum fine of Rs.500/- each time.
- RAGGING in any form in the Hostel premises or in the Campus is an offence as per the Constitution and is prohibited. Anyone found indulging in such detrimental activities shall be handed over to the police and is liable for expulsion / dismissal from the Hostel / College immediately along with a fine
- Defacing the walls or the doors should be avoided. Any willful damage done to the property of the Hostel by boarder will entail for her dismissal from the Hostel along with a minimum fine of Rs.500/- (Rupees Five Hundred Only)

- Defacing / rewriting the Memos / Notifications should be avoided. If any such things are noticed by the Warden / Staff, the same will be viewed seriously.
- Parents or their authorized guardians with I.D. cards are permitted to visit the hostel with prior permission from warden office
- Students not returning on due date after outings / holidays more than twice will be denied the hostel facilities during subsequent years.
- Students are not permitted to go on pilgrimage during working days.
- Staying overnight outside the Hostel is strictly forbidden. Absence from the Hostel at night without prior written permission from the Warden shall result in dismissal of the boarder concerned along with a fine of Rs.500/- (Rupees Five Hundred Only).
- The warden has a right to correspond or intimate the parents of students on any matter pertaining to the Hostel and academic affairs.
- Guests/day scholars shall not be allowed to stay in the Hostel, under any circumstances.
- The inmates of the room shall have their own lock and keys. Whenever they go out of the room, they shall lock the room and leave.
- Periodical visits by Parents / Guardians to the Hostel for discussion with the Warden are highly appreciated.
- The college/hostel officials reserve the right to screen the suspicious letters addressed to the students.
- In all matters concerning admission, interpretation of the rules, disciplinary action etc., the decision of the hostel committee shall be final. We trust that the parents and guardians whole heartedly cooperate in maintaining and enforcing the discipline.

Celebrations & Events at SVECW

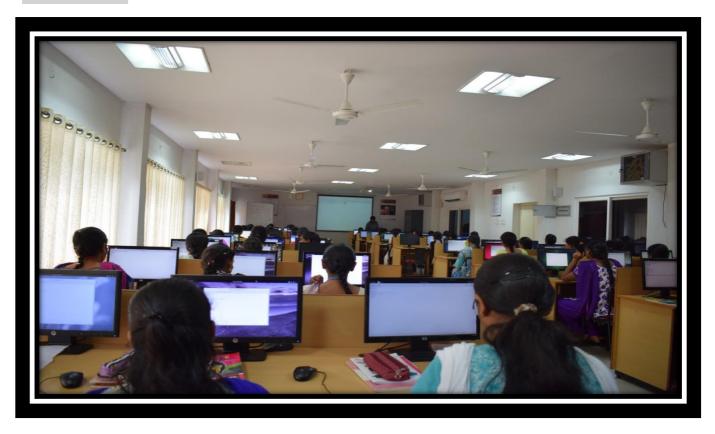




Women Technology Park



Wise Lab



Achievements of Vehicle Design Lab SVECW (2019-21)

1. BAJA SAEINDIA 2021 ACHIEVEMENTS TEAM ZIBA RACERS

- 1. 3rd in Preliminary Round
- 2. 3rd in Journey Challenge
- 3. 10th in Cost Event

TEAM E-ZIBA RACERS

- 1. 13th in Preliminary round
- 2. 1stin Journey Challenge
- 3. 1st in Render Reveal Challenge
- 4. 1st in Cost Award
- 5. Best Engineering Design Award
- 6. 1stin Overall Statics
- 7. 2nd Runner Up in Overall Championship

2. BAJA SAE India 2020- Pithampur (Madhya

Pradesh) Organizer- BAJA SAE India

Venue- ARAI India- Indore

Date- 25th January – 28th January,

2020 Team E-Ziba Racers

Achievements-

- Overall Championship Award in E-BAJA
- > Overall Durability Award in E-BAJA
- > CAE Award in E-BAJA
- ➤ GO GREEN Award in M-BAJA

3. BAJA SAE India 2019- Pithampur (Madhya

Pradesh) Organizer- BAJA SAE India

Venue- ARAI India- Indore

Date- 25th January – 28th January,

2019 Team **E-Ziba Racers**

Achievements-

- Overall Best Design Award in E-BAJA
- Overall Best Innovation Award in E-BAJA
- Best Dronacharya Award for E-BAJA
- ➤ Overall 1st in Static Rounds in E-BAJA

4. Techno E-GoKart Championship 2019

Organizer- Technocrats Institute of Technology, Bhopal

Venue- Bhopal (Madhya Pradesh)

Date- 27th February – 01st March,

2019 Team E-Juno Racers

Achievements-

- Overall Best Innovation Award
- Best Business Plan Award
- Overall Runner-Up
- ➤ Best Team Effort Award

5. BAJA SAE India 2019- IIT

Ropar(Punjab) Organizer- BAJA

SAE India

Venue- IIT Ropar

Date- 07th March – 10th March,

2019 Team Ziba Racers

Achievements-

- Overall Best Cost Award in M-BAJA
- ➤ Overall 17 Laps out of 40 Laps in Endurance.





















Vishnotsav 2019 (Graduation Day)



College Annual Day and International Women's Day Celebrations -2020





International Women's Day Celebrations -2021





IIT, Hyd Director B.S. Murthy Campus Visit









EPILOGUE

To meet your goals, you need to plan and workout your academics. Your decisions relating to the plan of your study and the choices you make with new friends will invariably influence your career. It is our responsibility to assist you in every aspect of your life as long as you stay with us.

Sri VISHNU Degree the Entire World would Agree!

Parents are precious

Parent's ambitions are more precious

And our students' achievements are the most precious!

The world is looking out for talented professionals. Please be watchful while making choices and decisions.

You are sure to win, since, we know, you are wise.

WISH YOU GOOD LUCK

FRESHERS ASSESSMENT RECORD

Date of record:____/___/____

Student Name:_____

3. Differential Calculus

4. Integral Calculus

	Branch:	_			
	Career Goals:	_			
	English Communication Skills	1			
			Levels		
	Ability to	Need to work or	n Basic	Proficient	
1	. Present orally with focus				
2	2. Use PPT / Canva other tools for effective presentation				
3	Listen and formulate a response in own words				
	Read a technical magazine article arti	cle			
	6. Write clear emails to make request for an action.				
	Math Skills	•	•		
			Levels		
	Ability to solve problems in	Need to work on	Basic	Proficient	
	1. Algebra				
	2. Matrices				
				1	

Computational Thinking and Programming Skills

	Levels		
Ability to	Need to work on	Basic	Proficient
1.Break down a complex problem into simpler problems			
2. Identify important information while ignoring unrelated information			
3.Come up with steps to solve a problem (algorithmic thinking)			

Behavioural Skills

	Levels		
Ability to	Need to work on	Basic	Proficient
1. Set goals for themselves			
2. Take notes and study in a group or on their own			
3. Manage their time			
4. Be aware of and manage their emotions			
5. Organize one's own resources			
6. Collaborate and work effectively with others			
7. Be flexible and adapt to changed environment			

Any other comments: