MINUTES

The Committee resolved to recommend the Academic Schedule for the PG & Other Courses for the academic year 2017-18 as follows:

[1]

SRI VENKATESWARA UNIVERSITY:: TIRUPATI
ACADEMIC SCHEDULE FOR THE P.G.COURSES FOR ACADEMIC YEAR 2017-18

Ist SEMESTER

Commencement of Class Work :03.07.2017 (Monday)

Number of Working Days :90 days

YEAR	MONTH	DAYS (CLASS WORK)
2017	JULY	24
2017	AUGUST	24
2017	SEPTEMBER	18
2017	OCTOBER	22
2017	NOVEMBER	02
	TOTAL	90 (Days)

First Internal Exams :21.08. 2017(Monday) to 28.08.2017(Monday)

Second Internal Exams:27.10.2017(Friday) to 02.11.2017(Thursday)

Dasara Vacation :25.09.2017 (Monday) to 02.10.2017(Monday)

Last working Day :02nd November, 2017 (Thursday)

Preparation Holidays/ Semester Break Period :03.11.2017(Friday) to 15.11.2017 (Wednesday)

Practical Examinations: 06.11.2017 (Monday) to 07.11.2017(Tuesday)

SEMESTER I END THEORY EXAMINATIONS

PAPER	DATE OF EXAMINATIONS	DAY
I	17.11.2017	Friday
II	20.11.2017	Monday
III	22.11.2017	Wednesday
IV	24.11.2017	Friday
V	27.11.2017	Monday
VI	29.11.2017	Wednesday

Commencement of Class work for 2nd Semester: 30.11.2017 (Thursday)

II SEMESTER

Commencement of Class Work : 30.11.2017 (Thursday)

Number of Working Days : 90 days

YEAR	MONTH	DAYS (CLASS WORK)
2017 2017	NOVEMBER	01
	DECEMBER	23
2018	JANUARY	22
2018	FEBRUARY	22
2018	MARCH	22
	TOTAL	90(Days)

First Internal Exams :23.01.2018(Tuesday) to 30.01.02018 (Tuesday)

Second Internal Exams:21.03.2018 (Wednesday) to 27.03.2018 (Tuesday)

Sankranthi Vacation :12.01.2018 (Friday) to 16.01.2018 (Tuesday)

Last working Day :27.03.2018 ((Tuesday)

Preparation Holidays :28.03.2018 (Wednesday) to 11.04.2018 (Wednesday)

Practical Examinations : 30.03.2018(Friday) to 31.03.2018(Saturday)

SEMESTER II END THEORY EXAMINATIONS

PAPER	DATE OF EXAMINATIONS	DAY
I	13.04.2018	Friday
II	17.04.2018	Tuesday
III	19.04.2018	Thursday
IV	21.04.2018	Saturday
V	24.04.2018	Tuesday
VI	26.04.2018	Thursday

Summer Vacations :27.04.2018(Friday) to 10.06.2018 (Sunday)

Reopening of the College :11.06.2018 (Monday)

III SEMESTER

Re-opening of College : 03.07.2017(Monday)

Number of Working Days : 90(days)

YEAR	MONTH	DAYS (CLASS WORK)
2017	JULY	24
2017	AUGUST	24
2017	SEPTEMBER	18
2017	OCTOBER	22
2017	NOVEMBER	02
	Total	90(Days)

First Internal Exams :21.08. 2017(Monday) to 28.08.2017(Monday)

Second Internal Exams:27.10.2017(Friday) to 02.11.2017(Thursday)

Dasara Vacation :25.09.2017 (Monday) to 02.10.2017(Monday)

Last working Day :02nd November, 2017 (Thursday)

Preparation Holidays/ Semester Break Period :03.11.2017(Friday) to 15.11.2017 (Wednesday)

Practical Examinations: 03.11.2017 (Friday) to 04.11.2017(Saturday)

SEMESTER III END THEORY EXAMINATIONS

PAPER	DATE OF EXAMINATIONS	DAY
I	16.11.2017	Thursday
II	18.11.2017	Saturday
III	21.11.2017	Tuesday
IV	23.11.2017	Thursday
V	25.11.2017	Saturday
VI	28.11.2017	Tuesday

Commencement of Class work for 4th semester: 30.11.2017(Thursday)

IV SEMESTER

Commencement of Class Work   : 27.11.2017 (Monday)

Number of Working Days   :90(days)

YEAR	MONTH	DAYS (CLASS WORK)
2017	NOVEMBER	04
2017	DECEMBER	23
2018	JANUARY	22
2018	FEBRUARY	22
2018	MARCH	19
	TOTAL	90(Days)

First Internal Exams   :23.01.2018(Tuesday) to 30.01.02018 (Tuesday)

Second Internal Exams:21.03.2018 (Wednesday) to 27.03.2018 (Tuesday)

Sankranthi Vacation   :12.01.2018 (Friday) to 16.01.2018 (Tuesday)

Last working Day   :27.03.2018 ((Tuesday)

Preparation Holidays   :28.03.2018 (Wednesday) to 11.04.2018 (Wednesday)

Practical Examinations : 28.03.2018(Wednesday) to 29.03.2018(Thursday)

SEMESTER IV END THEORY EXAMINATIONS

PAPER	DATE OF EXAMINATIONS	DAY
	12.04.2018	Thursday
I	16.04.2018	Monday
II		
III	18.04.2018	Wednesday
IV	20.04.2018	Friday
V	23.04.2018	Monday
VI	25.04.2018	Wednesday

Summer Vacations:27.04.2018(Friday) to 10.06.2018(Sunday)

Reopening of the College:11.06.2018(Monday)

Reg   Rector

SRI VENKATESWARA UNIVERSITY
COLLEGE OF ENGINEERING
(AUTONOMOUS)
TIRUPATI - 517 502
(www.svuce.edu.in)

S.V. UNIVERSITY COLLEGE OF ENGINEERING

CALENDAR and HAND BOOK
2017-18

Vission of the Institute

To be the leader in the creation and development of globally competitive human capital in Engineering Education for Technological, Economical and Social Enrichment of the Society, through its open and flexible Academic Programs.

SRI VENKATESWARA UNIVERSITY
COLLEGE OF ENGINEERING
(AUTONOMOUS)

TEQIP- III PHASE FUNDED INSTITUTE
TIRUPATI -   517 502

www.svuce.edu.in

CALENDAR and HAND BOOK
2017-18

S.V.U.COLLEGE OF ENGINEERING
SUCCESSIVE PRINCIPALS

1.	Prof. G.Ramakrishnan	
2.	Prof. B.Mohan Rao	1959 – 1977
3.	Prof. K.Gopichand	1977 – 1978
4.	Prof. P. Subramanian	1978 – 1981
5.	Prof. C.Venkataramaiah	1981 – 1982
6.	Prof. P.Pratapa Mouli	1982 – 1983
7.	Prof. C. Raja Rao	1983 – 1985
8.	Prof. D.R. Raju	1985 – 1987
9.	Prof. T.Rangaswamy	1987 – 1990
10.	Prof. K.L.Narayana	1990 – 1991
11.	Prof. M.Krishna Murthy	1991 – 1993
12.	Prof. K.Ranganadha Babu	1993 – 1995
13.	Prof. T.Krishna Parandhama	1995 – 1997
14.	Prof. B.Swamy	1997 – 1999
15.	Prof. D.Changal Raju	1999 – 2000
16.	Prof. G.Ram Prasad	2000 – 2002
17.	Prof. B.Subramanyam	2002 – 2002
18.	Prof. N.C. Eswara Reddy	2002 – 2004
19.	Prof. K.Ravindranath	2004 – 2006
20.	Prof. M.M.Naidu	2006 – 2008
21.	Prof. M.Muralidhar	2008 – 2010
22.	Prof. A.Prabhakar	2010 – 2011
23.	Prof. A. Ramakrishna Rao	2011 – 2012
24.	Prof.J.Karthikeyan	2012 – 2013
25.	Prof. P. Mallikarjuna	2013 – 2015
26.	Prof. G. Padmanabhan	2015 – 2017
		2017 –

S.V.U.COLLEGE OF ENGINEERING
TIRUPATI – 517502

Fax : (0877) 2289562

Website : www.svuce.edu.in

e-mail : principal_svuce2003@yahoo.co.in

Principal : Prof. G. Padmanabhan
Telephone Nos : (O) 2289341
(M) 9849505068

Vice-Principal : Prof. T. Venkateswarlu
Telephone Nos : (O) 2289350
(M) 9490181145

Asst. Registrar : Sri T. Ravi Sankar
Telephone Nos : (O) 2289523; 2248609
(R) 2222409
(M) 9440205438
e-mail : aaosvuce@gmail.com

Superintendent (Admn) : Sri A.P. Srinivasulu
Telephone Nos : (O) 2289523
(M) 9618149808

Superintendent (Exams) : Sri Ankala Murali
Telephone Nos : (O) 2289321
(M) 8331948112
e-mail : avmuralimohankrishna@gmail.com

PERSONAL MEMORANDA

Name :

Branch : .... Year ....

Address:

    College : ....

    Res. : ....

Telephone Nos.

    College   :   Residence:

    Mobile No.   :   Fax No.:

e-mail ID   :

I.T.PAN   :

Bank A/C. No.:

Credit card No.   :

Passport No.   :

Driving licence No. :

Vehicle No.   :

Personal information

    Height   :

    Weight   :

    Blood group :

Dates to remember :

List of Holidays for 2017-18
Government of Andhra Pradesh Holidays in 2017

Date	Day	Name of Festival
June 06	Monday	Ramzan (Id-Ul-Fitr)
August 14	Monday	Sri Krishna Astami
August 15	Tuesday	Independence Day
August 25	Friday	Vinayaka Chavithi
September 02	Saturday	Bakrid (Id-Ul-AzhaIdul Juha)
September 28	Thursday	Durgashtami
September 30	Saturday	Vijaya Dasami/Dussehra
October 02	Monday	Mahatma Gandhi Jayanthi
October 19	Wednesday	Deepavali
December 01	Friday	Eid Miladun Nabi
December 25	Monday	Christmas

The following festivals occur on and Sunday during the year 2017

October 01	Sunday	Mohurrum, 1493 Hirji

Government of Andhra Pradesh Holidays in 2018

January 15	Monday	Sankranti/Pongal
January 16	Tuesday	Kanuma
January 26	Friday	Republic Day
February 13	Tuesday	Maha Shivratri
March 03	Friday	Holi
March 30	Friday	Good Friday
April 05	Thursday	Babu Jagjivan Ram Birthday
June 16	Saturday	Idul Fitr

Calender for 2017-18

JULY-2017					
S	30	2	9	16	23
M	31	3	10	17	24
T	•	4	11	18	25
W	•	5	12	19	26
T	•	6	13	20	27
F	•	7	14	21	28
S	1	8	15	22	29

AUGUST-2017					
S	•	6	13	20	27
M	•	7	14	21	28
T	1	8	15	22	29
W	2	9	16	23	30
T	3	10	17	24	31
F	4	11	18	25	•
S	5	12	19	26	•

SEPTEMBER-2017					
S	•	3	10	17	24
M	•	4	11	18	25
T	•	5	12	19	26
W	•	6	13	20	27
T	•	7	14	21	28
F	1	8	15	22	29
S	2	9	16	23	30

OCTOBER-2017					
S	1	8	15	22	29
M	2	9	16	23	30
T	3	10	17	24	31
W	4	11	18	25	•
T	5	12	19	26	•
F	6	13	20	27	•
S	7	14	21	28	•

NOVEMBER-2017					
S	•	5	12	19	26
M	•	6	13	20	27
T	•	7	14	21	28
W	1	8	15	22	29
T	2	9	16	23	30
F	3	10	17	24	•
S	4	11	18	25	•

DECEMBER-2017					
S	31	3	10	17	24
M	•	4	11	18	25
T	•	5	12	19	26
W	•	6	13	20	27
T	•	7	14	21	28
F	1	8	15	22	29
S	2	9	16	23	30

JANUARY-2018					
S	•	7	14	21	28
M	1	8	15	22	29
T	2	9	16	23	30
W	3	10	17	24	31
T	4	11	18	25	•
F	5	12	19	26	•
S	6	13	20	27	•

FEBRUARY-2018					
S	•	4	11	18	25
M	•	5	12	19	26
T	•	6	13	20	27
W	•	7	14	21	28
T	1	8	15	22	•
F	2	9	16	23	•
S	3	10	17	24	•

MARCH-2018					
S	•	4	11	18	25
M	•	5	12	19	26
T	•	6	13	20	27
W	•	7	14	21	28
T	1	8	15	22	29
F	2	9	16	23	30
S	3	10	17	24	31

APRIL-2018					
S	1	8	15	22	29
M	2	9	16	23	30
T	3	10	17	24	•
W	4	11	18	25	•
T	5	12	19	26	•
F	6	13	20	27	•
S	7	14	21	28	•

MAY-2018					
S	•	6	13	20	27
M	•	7	14	21	28
T	1	8	15	22	29
W	2	9	16	23	30
T	3	10	17	24	31
F	4	11	18	25	•
S	5	12	19	26	•

JUNE-2018					
S	•	3	10	17	24
M	•	4	11	18	25
T	•	5	12	19	26
W	•	6	13	20	27
T	•	7	14	21	28
F	1	8	15	22	29
S	2	9	16	23	30

CONTENTS

SRI VENKATESWARA UNIVERSITY

EMBLEM AND MOTTO

1. The Wheel (Chakram) at the top, in Hindu Mythology, is the characteristic weapo of Lord Sri Venkateswara, an incarnation of Vishnu, and it is intended to conno that this University is named after Him.

2. The Heraldic elephant heads and the lotus below the wheel which are taken from th crest of the University of Madras are intended to connote that Sri Venkateswa University is an offspring of the former in the sense that a portion of the area whic had earlier been in its affiliation is brought under the later's jurisdiction.

3. The lower portion, in the symbolic form of hills, is intended to suggest the SEVE HILLS, the abode of Lord Sri Venkateswara with which Tirupati is identified.

4. The MOTTO Jnanam Samyagavekshanam means:

"Wisdom lies in correct perspective"

(సమ్యక్ దర్శనమే జ్ఞానం)

దౌకమా చిత్తనాశన్య । యోగో జ్ఞానం చ రాఘవ ।
యోగస్త దృష్తి రోధోహి । జ్ఞానం సమ్యగ వేక్షణమ్ ।

– యోగవాశిష్ఠమ్

8

S.V.UNIVERSITY

PROFILE

Established on September 2, 1954 as the brain child of visionary luminaries Sri Prakasam Pantulu, Sri Neelam Sanjeeva Reddy and others, Sri Venkateswara University has been catering to the higher educational needs and aspirations of the people of Rayalaseema. Christened after the Lord of the Seven Hills, the University was launched with generous help from the Tirumala Tirupati Devasthanams which donated 1200 acres of sprawling campus along with the then existing college buildings, besides a munificent annual grant of Rs. 10 Lakhs which has been increased to one crore from the financial year, 2007-2008.

The University has four constituent campus colleges, S.V.U. College of Arts, S.V.U. College of Sciences, S.V.U. College of Commerce, Management and Computer Sciences and S.V.U. College of Engineering. Together, they have seven faculties – Arts, Sciences, Commerce, Engineering, Education, Law and Management, with 58 Departments offering 71 Post-Graduate Courses, 6 Engineering Under-Graduate Courses, several Diploma and Certificate Courses.

Efficiently nurtured by committed Vice-Chancellors starting from Prof. S. Govindarajulu to the present Vice-Chancellor, Prof. A. Damodaram, the University has grown from strength to strength, emerging as a premier institution of learning, teaching, research, extension and consultancy.

Sri Venkateswara University is placed in 17th position among top 20 Universities in the country by the Current Science, a fortnightly Science Magazine published by Indian Academy of Sciences, Bangalore. This ranking was based on Scientific Research and Publications. The University figures at the 6th in the list of top 10 universities doing research in energy and fuels, as per the study conducted by National Institute of Science and Technology and Development Studies (NISTAD). The University is re-accredited with A+ grade by NAAC for its all round development.

S. V. UNIVERSITY COLLEGE OF ENGINEERING

PROFILE

Pandit Jawaharlal Nehru, the first Prime Minister of India, laid the foundation stone for the S.V.University College of Engineering on 13th October 1959. During the past fifty five years, it has become a premier technological institution in India due to the untiring efforts of the faculty and students.

At the inception, the College offered three conventional disciplines of Civil, Electrical and Mechanical Engineering, leading to the Degree of Bachelor of Engineering. Subsequently, new disciplines and courses have been introduced both at undergraduate and Post-graduate levels, in tune with the changing needs and scenario in the field of technical education. At present, the College is offering 4 – year B.Tech. programmes in Chemical, Civil, Electrical and Electronics, Electronics and Communication, Mechanical and Computer Science Engineering. B.Tech. programs in Civil, Electrical and Electronics, Electronics and Communications, Mechanical and Computer Science and Engineering have been accredited for the period 2016-19 by NBA. M.Tech. courses and Ph.D are offered in Chemical Engineering (Ch.E), Civil Engineering (CE), Electrical and Electronics Engineering (EEE), Electronics and Communication Engineering (ECE), Mechanical Engineering (ME) and Computer Science and Engineering (CSE).

Six-year B.Tech-M.Tech Dual Degree Programme (4+2 years) with exit option is being offered in ECE, EEE, CSE, ME and CE branches. The students have an option for dual degree at the end of 6th semester by clearly informing in writing whether they continue to study for M.Tech degree after successful completion of B.Tech degree or exit with B.Tech degree at the end of 8th semester.

The College is run on democratic lines with decentralization of administration giving prominence to collective decision making. The Principal is assisted by the College Council where the Principal, the Warden and the Heads of all the departments are the members. Similarly the Department Council is formed at the department level with the Head of Department as the Chairman. Further, every department has a lot of committees participating in decision making at the Departmental level. Each academic discipline has a Board of Studies with Chairman taking care of the curricular aspects. The College has extensive building accommodation comprising lecture and seminar halls, drawing halls, administration

and office accommodation, faculty rooms, laboratories and workshops for different departments. There are four hostel blocks – three for B.Tech., one for M.Tech., and one for women students. Other infrastructure includes a College Computer Centre, Departmental libraries, (M.Tech. students in W.W.H.) book-bank etc. Adequate facilities are available for games and sports activities including separate Gymnasium for boys and girls. The curriculum is of good standard and updated at regular intervals to incorporate the current technological trends. The standard of instruction imparted is of high order. The faculties are experienced and highly qualified. They are up to date in teaching, research and consultancy. The institution has a strong tradition of conducting tests and examinations in the best possible manner. The assessment of students has always been fair, reliable and trustworthy.

Many International/National Conferences, Seminars, Workshops and other Continuing Education Programmes have been organized by various departments. In each department, Technical Associations exist with students as office-bearers along with faculty advisors. Seminars, quizzes, guest lectures, group discussions, educational tours are some of the programmes undertaken by the Associations. National level technical paper presentation contests for students are being organized. The mega annual cultural event RAPHSODY speaks of the inherent talents in the engineering students. Students are encouraged to participate in cultural activities conducted by other Colleges and they regularly bag Prizes. The various wall magazines project the creative thinking of the students. NSS, NCC, Rotary club, Environmental club function effectively to inculcate social commitment. Thus, the College provides a scope for the overall personality development of the students.

The performance of students in competitive examinations like Graduate Aptitude Test in Engineering (GATE), Indian Engineering services (IES), Common Admission Test (CAT) is quite impressive and richly accredited. After successful completion of B.Tech, students get seats in the institutions of excellence both in India and abroad. The PLACEMENT CELL functions effectively and the students are placed in reputed companies and organizations.

The alumni of this College have been occupying apex positions in the organizations of repute both in our Country and abroad. The success of this institution is based on continuous maintenance of quality in technical education and a crystal clear vision for the future.

SRI VENKATESWARA UNIVERSITY
COLLEGE OF ENGINEERING
TIRUPATI – 517 502
(Autonomous Institute)
B.Tech Degree Programme(CBCS) Regulations-2016
(To come into effect from the batch admitted in academic year 2016-17)
CHOICE-BASED CREDIT SYSTEM

1. **Preamble:**

B.Tech Degree Programme is of four academic yearswith each academic year divided into two consecutive (one odd + one even) semesters.

Choice-Based Credit System (CBCS) is a flexible system of learning and provides choice for students to select electives from the prescribed elective courses. A course defines learning objectives, learning outcomes and comprises of lectures / tutorials / laboratory work / field work / project work / viva / seminars / assignments / presentations / self-study etc. or a combination of some of these.

Under the CBCS, the requirement for awarding a degree is prescribed in terms of number of credits to be completed by the students.

The CBCS permits students to:

   i.   choose electives from a wide range of elective courses offered by the Departments.

   ii.   undergo additional courses of interest

   iii. adopt an inter-disciplinary approach in learning

   iv. make the best use of expertise of the available faculty

2. **Minimum Qualification:**

A pass in Intermediate Examination conducted by the Board of Intermediate Education of Andhra Pradesh with Mathematics, Physics and Chemistry as optional subjects or any equivalent examination recognized by Sri Venkateswara University.

3. **Branches of Study:**

The branches of study in B.Tech Degree Programme are:

   i)   Chemical Engineering

   ii)   Civil Engineering

   iii) Computer Science and Engineering

   iv) Electrical and Electronics Engineering

   v)   Electronics and Communication Engineering

   vi) Mechanical Engineering

4. **Semester:**

Each semester shall consist of 18 weeks with a typical academic work of 30 hours/ week equivalent to 90 actual instruction days. However, instructional days may be reduced up to 72, when necessary, with increased instructional hours per course per week per semester.

5. **Credits Definition:**

A unit by which the course work is measured. It determines the number of hours of instructions required per week. One credit is equivalent to one hour of teaching (lecture) or two hours of tutorial/practical work/field work per week.

6. **Classification of Courses:**

Courses in UG programme comprise of Basic, Core, Elective and Audit courses.

Basic Courses:

Basic Courses may be of two types; Compulsory Basic and Elective Basic. Compulsory Basic courses are the courses based upon the content that leads to Knowledge enhancement. They are mandatory for all disciplines. Elective Basic courses are value-based and are aimed at man-making education.

Core Courses:

These are the courses which are to be compulsorily studied by a student as a core requirement to complete the requirement of a programme in the choosen discipline of study.

Elective Courses:

Elective course is a course which can be chosen from a pool of courses. It may be:

✓ Supportive to the discipline of study

✓ Providing an expanded scope

✓ Enabling an exposure to some other discipline/domain

✓ Nurturing students' proficiency/skill.

An elective may be "Generic Elective" focusing on those courses which add generic proficiency to the students. An elective may be "discipline centric" or may be chosen from an unrelated discipline. It may be called an "Open Elective."

Audit Courses:

Courses outside the prescribed range of Credits for students interested to supplement their knowledge/skills. Optional for students to appear/pass in Continuous Internal Evaluation (CIE) inthe Semester and Semester End Examination (SEE) of these courses and/or seek their inclusion in the Grade cards orTranscripts issued (but, not for earning Credits).

MOOCS and e-Learning:

Department centric elective course through MOOCS (Massive Open Online Course) platform. Students of VIand/or VII semesters can register for the course offered by authorized Institutions/Agencies through online with the approval of the Head of the Department concerned. The certificate issued by the Institutions/Agencies after successful completion of the course will be considered for the award of the Grade to that course and will be reflected in VIII semester statement. 30-40% of the syllabus of any one course in V-VIII semesters may be taught through e-Learning.

7   **Course Registration:**

Every student has to register for the set of Courses offered by the Department in that Semester including those of Open Elective course of the other Departments and MOOCS courses with the total number of their Credits being limited by considering the permissible weekly contact hours (typically: 30/Week). Audit courses are over and above these courses/credits.

8.   **Credits Required for Award of Degree:**

A student shall become eligible for the award of B.Tech degree, if he/she earns minimum 192 credits by passing in all the basic, core and electives along with practicals prescribed for the B.Tech programme.

8.1 It is mandatory for a student to complete successfully all the basic and core courses pertaining to his/her branch of study.

8.2 A student shall choose elective courses from the list of elective courses provided for his/her branch of study.Further, he/she may choose elective courses pertaining to other branches or on MOOCS platform as open electives.

8.3 A student may register for an audit course of his/her interest with the permission of the teacher concerned. However, such credits are not considered as part of the mandatory credits specified in clause 8.

9.   **Scheme of Instruction :**

9.1 The Joint-Board of Studies (JBoS) shall formulate the scheme of instruction and examinations, and detailed syllabi for the First and Second Semesters.

9.2 The Pass Board of Studies (BoS) of each Department shall formulate the scheme of instruction and examination, and detailed syllabi for the subsequent six semesters of B.TechProgramme taking into account of the credits offered in the first and second semesters in conformity with clause 7.0.

9.3 The detailed syllabus of each theory course shall be organized into five units of equal weight.

10.   **Structure of Curriculum:**

Curriculum consists of a good mix of Basic, Core and Elective courses.

A typical break down of percentage of Credits is as suggested.

Basic courses   : 32-38%

Core courses   : 50-60%

Elective courses   : 8-10%

Theory courses   : 70-80%

Practical courses   : 20-30%

Practicals include Laboratory/Drawing/Tutorials/Workshop practice/Seminars/ Project Work

11. Course Numbering Scheme:

Each course number is denoted by five alpha-numerals, three alphabets followed by two numerals.

Code of the department offering the course	CO : Commerce CE : Civil Engineering CH : Chemical Engineering CS : Computer Science and Engineering CY : Chemistry EC: Electronics and Communication Engineering EE : Electrical and Electronics Engineering EO : Economics EN : English MA : Mathematics ME : Mechanical Engineering PH : Physics
Nature of course	T: Theory P: Practical D : Design and Drawing
Course Number	01, 02, ...

12. Attendance Requirements:

12.1 A student is required to complete the study of B.Tech Programme satisfying the attendance requirements in all the Semesters within a period of eight academic years from the year of admission to become eligible for the award of B.Tech degree failing which he/she forfeits his/her seat.

12.2 A student shall be detained in a Semester if he/she fails to satisfy the attendance requirements given below:

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i. A student shall attend at least 50 percent of the hours of instruction taken by the teacher, in each course.

ii. A student shall attend at least 75 percent of the hours of instruction taken for all the courses put together in that Semester.

12.3 The Principal shall condone the shortage of attendance of a student provided he/she satisfies the clause 12.2 (i) and obtains at least 65 percent of overall attendance.

12.4 A student who fails to satisfy the attendance requirements specified in clauses 12.2 and 12.3 shall repeat that Semester in the subsequent academic years with the written permission of the Principal subject to the clause 12.1.

12.5 A student shall not be permitted to study any semester more than three times during the entire Programme of study.

12.6 A student who satisfies the attendance requirements specified in either of the clauses 12.2 and 12.3 in any semester may be permitted to repeat that semester canceling the previous attendance and sessional marks of that semester with the written permission of the Principal. However, this facility shall not be extended to any student more than twice during the entire Programme of study as specified in clause 12.1.

12.7 Gap year(s) shall be over and above maximum period of eight academic years.

13. Evaluation :

13.1 Evaluation shall be done on a continuous basis i.e. through Continuous Internal Evaluation (CIE) in the Semister and Semester End Examination (SEE). For each theory course, there shall be two sessional tests of two hours duration carrying 40 marks each and one End-Semester Examination of 3 hours duration carrying 60 marks. Sessional marks for a maximum of 40 shall be awarded based on the performance of the two sessional tests.

13.2 For each practical course except project work, the sessional marks for a maximum of 40 shall be awarded based on the continuous assessment of practical work by the teacher concerned. A Semester End Examination of 3 hours duration carrying 60 marks shall be conducted by two teachers: one external examiner and one internal examiner appointed by the Principal. The Principal shall appoint the external examiner from among the panel of examiners recommended by the Chairman, BoS concerned. He shall appoint the internal examiner nominated by the Head of the Department concerned.

13.3 The guide shall assess the progress of UG project work continuously and award marks for a maximum of 40. A committee consisting of one external examiner and two internal examiners from the department shall value the project work and conduct viva-voce for a maximum of 60 marks. The Principal shall appoint the external examiner from among the panel of examiners recommended by the Chairman, BoS concerned. He shall appoint the internal examiners nominated by the Head of the Department concerned.

13.4 Sessional Test I shall be held in the middle of the semester i.e. after the completion of 50 % of instruction days covering 50% of the syllabus.

13.5 Sessional Test II shall be held immediately after the completion of instruction days covering the remaining 50 % of the syllabus.

13.6 A Semester End Examination in each theory course shall be conducted after the last working day of the semester covering the entire syllabus prescribed for that course.

13.7 It is mandatory for a student to attend both the sessional tests in each theory course. The weighted average of the marks secured in two tests is awarded as sessional marks. However, 0.8 shall be assigned as weight for the best performance of the two tests whereas for the other test it shall be 0.2. If a student is absent for any of the internal tests for whatsoever reason, the marks for that test shall be zero.

13.8 The students shall be permitted to verify the valuation of answer scripts of sessional tests.

13.9 The valuation and verification of answer scripts of Sessional Tests shall be completed within a week after the conduct of the Sessional Tests.

13.10 The valuation of Semester End Examination answer scripts shall be arranged by the Controller of Examinations as per the University procedures in vogue.

14. Question Paper Setting:

14.1 Model Question Paper for each theory course shall be prepared by the teacher within 30 days from the commencement of the Semester and the same shall be forwarded to the Controller of Examinations through the Chairman, BOS concerned. Two questions shall be set from each unit of the syllabus for a maximum of 12 marks each, out of which one question from each unit shall be answered by the student. Further, a question may comprise sub-questions specifying the distribution of marks among them. However, the Chairman, BoS shall accord exception in question paper format, if necessary. The question

papers shall assess the understanding of the concepts and their applications in solving problems and at least 50% of the questions should be numerical. Further, the question papers of design oriented courses shall assess the abilities of analyzing and evaluating design alternatives.

14.2 For each theory course, the question paper shall be set by an external paper setter. The Chairman, BoS shall recommend a panel comprising of at least six external paper setters for each theory course to the University. The University shall arrange for setting the question paper by appointing one external paper setter from that panel.

15. Grading and Grade Points:

Grade Point: It is a numerical weight allotted to each letter grade on a 10-point scale

Letter Grade: It is an index of the performance of students in a said course. Grades are denoted by letters O, A+, A, B+, B, C, P and F.

Semester Grade Point Average (SGPA): It is a measure of student's performance of work done in a semester. It is the ratio of total credit points secured by a student in the various courses registered in a semester and the total course credits taken during that semester. It shall be expressed up to two decimal places.

Cumulative Grade Point Average (CGPA): It is a measure of overall performance of a student over all semesters. The CGPA is the ratio of total credit points secured by a student in various courses in all semesters and the sum of the total credits of all courses in all the semesters. It is expressed up to two decimal places.

Letter Grades and Grade Points:

A 10-point grading system with the following letter grades are to be followed.

Table 1 : Grades and Grade Points

Letter Grade	Range of Marks	Grade Points
O (Outstanding)	91-100	10
A+(Excellent)	81-90	9
A(very Good)	71-80	8
B+(Good)	61-70	7
B(Above Average)	51-60	6
C(Average)	41-50	5
P(Pass)	40	4
F(Fail)	<40	0
Ab(Absent)-	-	0

A student obtaining Grade F shall be considered failed and will be required to reappear in the Semister End Examination.

Computation of SGPA and CGPA

Average (SGPA) and Cumulative Grade Point Average (CGPA):

The SGPA is the ratio of sum of the product of the number of credits with the grade points scored by a student in all the courses taken by a student and the sum of the number of credits of all the courses taken by a student, i.e.

$$\text{SGPA} \ (S_i) = \sum_{i=1}^{N}(C_i \times G_i) / \sum_{i=1}^{N} C_i$$

where C_i is the number of credits of the i th course and

G_i is the grade point scored by thestudent in the i th course.

N is the number of courses taken by the student in the Semester.

The CGPA is also calculated in the same manner taking into account all the courses undergone by a student over all the semesters of a programme, i.e.

$$\text{CGPA} = \sum_{i=1}^{M}(C_i \times S_i) / \sum_{i=1}^{M} C_i$$

where S_i is the SGPA of the i th semester and

C_i is the total number of credits in the i th semester.

M is the number of Semesters.

The SGPA and CGPA shall be rounded off to two decimal points and reported in the transcripts.

15.1 In each Semester every student who satisfies the attendance requirements should register for examination, failing which he/she shall not be promoted to the next semester. Any such student who has not registered for examination in a semester shall repeat that semester in the next academic year after obtaining the proceedings of the Principal.

15.2 To pass a course in B.Tech Programme, a student has to secure a minimum Grade of P in Semester End Examination. A student obtaining Grade F or Ab shall be considered failed and will be required to reappear in the End Examination. A student cannot reappear for the Semester End Examination in a course to improve the score in which he/she has passed the course.

15.3 A student who has failed in a course can reappear for the End Semester Examination as and when it is held in the normal course. The Sessional Marks obtained by the student will be carried over for declaring the result.

15.4 Whenever the syllabus is revised for a course, the Semester End Examination shall be held in old syllabus three times. Thereafter, the students who failed in that course shall take the Semester End Examination in the revised syllabus.

16. Ranking and Award of Prizes / Medals :

16.1 Ranks shall be awarded in each branch of study on the basis of Cumulative Grade Point Average (CGPA) for top ten percent of the students or top three students whichever is higher.

16.2 The students who have become eligible for the award of B.Tech degree by passing regularly all the eight Semesters shall only be considered for the award of ranks.

16.3 Award of prizes, scholarships and other honours shall be according to the rank secured by the student as said above and in conformity with the desire of the Donor.

17. Conditions of Promotion:

A student shall be eligible for promotion to the next semester of B.Tech Programme provided he/she satisfies the attendance requirements in the immediately preceding semester as specified in clause 12.

18 Gap Year:

The concept of Student Entrepreneur in Residence i.e. Gap Year shall be introduced and outstanding students who wish to pursue entrepreneurship are allowed to take a break of one year at any time after completing II year of study to pursue full time entrepreneurship. A committee shall be constituted to evaluate the proposal submitted by the student and the committee shall decide on permitting the student for having the Gap Year. Students shall be permitted to rejoin the succeeding year from the date of commencement of class work and will be under the academic regula-tions in force at that time. Gap year may be extended by another year (i.e. a total of two years) and will not be counted for the maximum period of eight academic years.

19. Grievance Redressal Committee:

The Principal shall constitute a Grievance Redressal Committee of three Professors from the faculty of the college for a period of two years. The senior most among

them shall be convener of the committee who receives the grievances from the students regarding the valuation of sessional tests and places the same before the committee for its consideration. The committee shall submit its redressal recommendations to the Principal for his consideration.

20. **Transitory Regulations:**

    20.1 A student who has been detained in any semester of previous regulations for not satisfying the attendance requirements shall be permitted to join in the corresponding semester of this regulation provided the clauses 12.1 and 12.5 hold good.

    20.2 Semester End Examinations in each course under the regulations that precede immediately these regulations shall be conducted three times after the conduct of last regular examination under those regulations. Thereafter, the failed students, if any, shall take examination in the equivalent papers of these regulations as suggested by the Chairman, BoS concerned.

21. **Amendment to the Regulations:**

    Sri Venkateswara University reserves the right to amend these regulations at any time in future without any notice. Further, the interpretation of any of the clauses of these regulations entirely rests with the University.

22. Diploma Holders joining the college under lateral entry will be bound by the regulations specified.

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SRI VENKATESWARA UNIVERSITY
COLLEGE OF ENGINEERING
TIRUPATI – 517 502
(Autonomous Institute)

M.Tech Degree Programme (CBCS) Regulations-2016
(With effect from the batch admitted in academic year 2016-17)
CHOICE-BASED CREDIT SYSTEM

1. **Preamble:**

M.Tech DegreeProgramme is of two academic years with each academic year divided into two consecutive semesters (one odd + one even).

Choice-Based Credit System (CBCS) is a flexible system of learning and provides choice for students to select from the prescribed elective courses. A course defines learning objectives and learning outcomes and comprises of lectures/tutorials/ laboratory work/field work/project work/viva/seminars/ assignments/ presentations/ self-study etc. or a combination of some of these.

Under the CBCS, the requirement for awarding a degree is prescribed in terms of number of credits to be completed by the students

The CBCS permits students to:

i. choose electives from a wide range of elective courses offered by the Departments.

ii. undergo additional courses of interest

iii. adopt an inter-disciplinary approach in learning

iv. make the best use of expertise of the available faculty

2. **Minimum Qualification:**

Minimum qualification for seeking admission into a specialization of M.Tech Degree Programme is B.Tech Degree, with at least 50% marks in aggregate, awarded by Sri Venkateswara University (SVU) in appropriate Branch of Engineering or any other Degree recognized by SVU as equivalent thereto including AMIE, AMIICHE and AMIETE.

3. **Specializations of Study:**

The specializations of study in M.Tech Degree Programme are:

1. Department of Chemical Engineering :
   a. Chemical Engineering

2. Department of Civil Engineering
   a. Environmental Engineering
   b. Geotechnical Engineering
   c. Hydraulics and Water Resources Engineering
   d. Structural Engineering
3. Department of Electrical and Electronics Engineering:
   a. Power Systems
4. Department of Electronics and Communication Engineering:
   a. Communication Systems
   b. Signal Processing
5. Department of Mechanical Engineering :
   a. Industrial Engineering
   b. Production Engineering
6. Department of Computer Science and Engineering
   a. Computer Science and Engineering

4. **Programme Duration:**

   4.1 Minimum duration of the full-time M.Tech Programme is two consecutive academic years i.e. four semesters and maximum period is four academic years.

   4.2 **Semester:** Each semester shall consist of 18 weeks with a typical academic work of 30 hours/week equivalent to 90 instruction days. However, instructional days may be reduced to 72, when necessary, with increased instructional hours per course per week. A maximum of 8 semesters/4 years to complete the program.

   4.3 A candidate after successful completion of class work can seek permission to undertake thesis study on part-time basis, on valid grounds from the Principal.

5. **Credit Definition:**

   Credit defines the quantum of content/syllabus prescribed for a course and determines the number of instruction hours per week. The norms for assigning credits to a course for a duration of one semester shall be as follows:

   i   One credit for every one hour of lecture per week

   ii One credit for every two hours of practical work/tutorial/seminar per week

   iii Two credits for comprehensive viva-voce

   iv. 24 credits for Dissertation work

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6. Classification of Courses:

The courses of each specialization of study are classified into Core, and Elective and Audit courses. It is mandatory for a student to complete successfully all the Core and Elective courses pertaining to his/her specialization of study.

6.1 Core Courses:

These are the courses which are to be compulsorily studied by a student to complete the requirement of a programme in a said discipline of study.

6.2 Elective Courses:

Elective course is a course supportive to the specialization of study. It shall

✓ Provide an expanded scope

✓ Enable exposure to some other specialization/domain

✓ Nurture student's proficiency/skill.

An elective may be Specialization Elective, Cross-Specialization Elective or Open Elective. Specialization Elective courses are the elective courses pertaining to that particular specialization of study. Cross-Specialization Electives are the Core or Elective courses of other specializations of the same Department. Open Electives are courses offered by other Departments under open electives.

Further, astudent may choose a maximum of one open elective not exceeding four credits in the second semester.

6.3 AuditCourses:

Courses outside the prescribed range of Credits for students interested to supplement their knowledge/skills. Optional for students to appear/pass in Continuous Internal Evaluation (CIE) in the Semester and Semester End Examination (SEE) and/or seek their inclusion in the Grade cards or Transcripts issued (but, not for earning Credits). A student shall audit any course from any specialization of study with the permission of the concerned teacher. However, such credits will not be considered for including in the mandatory credits specified in clause 8.

6.4 **MOOCS and e-Learning:** Specializationcentric elective course through MOOCS (Massive Open Online Course) platform. Students of I and/or II semesters can register for the course offered by authorized Institutions/Agencies through online with the approval of the Head of the Department concerned. The certificate issued by the Institutions/Agencies after successful completion of the course will be considered for the award of the Grade to that course.

Further, 30-40% of the syllabus of any one course in I and II semesters may be taught through e-Learning.

7 **Course Registration:** Every student has to register for the set of Courses offered by the Department in that Semester including those of Open Elective course of the other Departments and MOOCS with the total number of their Credits being limited by considering the permissible weekly contact hours (typically: 30/Week). Audit courses are over and above these courses/credits.

8 **Credits Required for Award of Degree:** A student shall become eligible for the award of M.Tech degree, if he/she earns a minimum of 80credits by passing all the core and electives along with practicals, seminars, comprehensive viva-voce and dissertation prescribed for the programme.

8.1 It is mandatory for a student to complete successfully all the core courses pertaining to his/her specialization of study.

8.2 A student may choose Specialization Electives from the list of elective courses offered from his/her specialization of study. Further, a student may select Cross-Specialization Electives from a list of Core or Elective courses from other specializations of the Department. Elective courses offered by the other Departments may be selected as Open Electives.

8.3 A student may audit a course of his/her interest with the permission of the teacher concerned. However, such credits are not considered as part of the mandatory credits specified in clause 8.

9. **Scheme of Instruction :** The Board of Studies (BoS) of each specialization shall formulate the scheme of instruction and detailed syllabi. For every course learning objectives and learning outcomes should be defined. While formulating the scheme of instruction, the BoS shall facilitate to offer the minimum number of credits for the entire Programme. The syllabi of theory courses shall be organized into five units of equal weight.

10. **Course Numbering Scheme:**

Each course is denoted by an alphanumeric code of seven characters width as detailed below:

Position	Character type	Field	Codes
Next two	Numerals	Serial Number	01, 02, ...
Next one	Alphabetic characters	Course Type	T: Theory P: Practical D : Design and Drawing S :Seminar V : Comprehensive Viva-Voce J : Project Work
Next two	Alphabetic characters	Specialization	CH : Chemical Engineering EE : Environmental Engineering GT: Geotechnical Engineering HW: Hydraulics and Water Resources Engineering SE: Structural Engineering PS: Power Systems CS: Communication Systems SP: Signal Processing IC: Instrumentation and Control Systems IE: Industrial Engineering PE: Production Engineering CO : Computer Science and Engineering
First two	Alphabetic characters	Department	MA: Mathematics PY: Physics CY: Chemistry CO: Commerce EO: Economics CH : Chemical Engineering CE: Civil Engineering EE: Electrical and Electronics Engineering EC : Electronics and Communication Engineering ME : Mechanical Engineering CS : Computer Science and Engineering

11. **Attendance Requirements:**

11.1 A student is required to complete the Programme of Study satisfying the attendance requirements in all the semesters within twice the prescribed period of study in clause 4 from the year of admission failing which he/she forfeits his/her seat.

11.2 A student will be detained in a semester if he/she fails to satisfy the attendance requirements given below:

    I. A student shall attend at least 60 percent of the hours of instruction taken by the teacher for each course.

    II. A student shall attend at least 75 percent of the hours of instruction taken for all the courses put together in that semester.

11.3 A student who fails to satisfy the attendance requirements specified in clause 11.2 shall repeat that semester in the subsequent academic years with the written permission of the Principal.

11.4 A student shall not be permitted to study any semester more than two times during the Programme of his/her study.

11.5 A student who satisfies the attendance requirements specified in clause 11.2 in any semester may be permitted to repeat that semester canceling the previous attendance and sessional marks of that semester with the written permission of the Principal. However, this facility shall be extended to any student not exceeding twice during the entire Programme of study provided the stipulation in clause 11.1 is satisfied.

12. **Evaluation :**

12.1 Evaluation shall be done on a continuous basis i.e. through Continuous Internal Evaluation (CIE) in the Semester and Semester End Examination (SEE). For each theory course, there shall be two sessional tests of two hours duration carrying 40 marks each and one End-Semester Examination of 3 hours duration carrying 60 marks. Sessional marks for a maximum of 40 shall be awarded based on the performance of the two sessional tests.

12.2 First Sessional Test shall be conducted in the middle of the semester i.e. after the completion of 50 % of instruction days covering 50% of the syllabus. Second Sessional Test shall be conducted immediately after the completion of instruction days covering rest of the syllabus.

12.3 It is mandatory for a student to attend both the sessional tests in each theory course. The weighted average of the marks secured in two tests is awarded as sessional marks. However, 0.8 shall be assigned as weight for the best performance of the two tests whereas for the other test it shall be 0.2. If a student is absent for any of the internal test for whatsoever reason, the marks for that test shall be zero.

12.4 The students shall be permitted to verify the valuation of answer scripts of sessional tests.

12.5 The valuation and verification of answer scripts of Sessional Tests shall be completed within 15 days after the conduct of the Sessional Tests.

12.6 The valuation of End-Semester Examination answer scripts shall be arranged by the Controller of Examinations as per the University procedures in vogue.

12.7 Evaluation of Practicals:For each practical course, the sessional marks for a maximum of 40 shall be awarded by the teacher based on continuous assessment of practical work. The End-Semester University Examination carrying 60 marks shall be conducted by two examiners: i) concerned teacher and ii) teacher nominated by the HoD.

12.8 Evaluation of Seminars:For each seminar course, the sessional marks for a maximum of 100 shall be awarded based on the quality, depth and organization of contents, documentation, presentation and answering capability of questions from the participants of the seminar.

12.9 Evaluation of Comprehensive Viva-voce examination:The comprehensive viva shall be conducted by a committee consisting of one external examiner and two internal examiners. The external examiner shall be appointed by the Principal from among panel of examiners recommended by the Chairman, BoS(PG) concerned whereas, the internal examiners shall be nominated by the HOD concerned.

13. **Evaluation of DissertationWork :**

Normally, the thesis work should be carried out at Sri Venkateswara University College of Engineering (SVUCE). However, it can also be carried out in any of the recognized Educational Institutions, National Laboratories, Research Institutions, Industrial Organizations, Service Organizations or Government Organizations with the prior permission from the guide and Head of the Department (HoD) concerned.

13.1 Thedissertation work shall be evaluated for a total of 24 credits as indicated in the Table below.

13.2 An open pre-submission seminar shall be given by the student at least four weeks ahead of the completion of the programme and submit the dissertation work. Head of the Department shall constitute a committee comprising of the Chairman, BoS (PG), HoD and Guide and convenes its meeting to evaluate the open pre-submission seminar. If the open pre-submission seminar delivered by a student is not satisfactory, another seminar shall be scheduled within two weeks.

13.3 A student can submit his dissertation work duly certified by the guide and HoD, after successfully completing all the requisite credits pertaining to theory, practical, seminar and comprehensive viva. As soon as a student submitshis/her dissertation, Principal shall appoint the External Examiner from among the panel of examiners recommended by the Chairman, BoS (PG).

13.4 Head of the Department in consultation with the Guide and External Examiner shall schedule the viva-voce Examination of dissertation work and send the evaluation report to the Controller of Examinations.

The evaluation of the thesis work and the marks allotted are as under:

S No.	Mode	Evaluation Committee	Marks
1	Evaluation at the end of III Semester	Committee comprising of Senior faculty of the specialization, Guide and HoD	20
2	Continuous evaluation	Guide	30
2	An open pre-submission seminar	The committee with Head of the Department as Chairman, Chairman BoS (PG) and Guide as members.	20
3.	End-semester University Examination(An open seminar followed by a Viva-voce)	The committee comprising of External Examiner, HoD and guide wherein the HoD shall be the chairman of the committee.	30
		Total	100

14. Question Paper Setting:

14.1 Model Question Paper for each theory course shall be prepared by the teacher within 30 days from the commencement of the Semester and the same shall be forwarded to the Controller of Examinations through the Chairman, BoS concerned. Two questions shall be set from each unit of the syllabus for a maximum of 12 marks each, out of which one question from each unit shall be answered by the student. Further, a question may comprise sub-questions specifying the distribution of marks among them. However, the Chairman, BoS shall accord exception in question paper format, if necessary. The question papers shall assess the understanding of the concepts and their applications in solving problems and at least 50% of the questions should be numerical. Further, the question papers of design oriented courses shall assess the abilities of analyzing and evaluating design alternatives.

14.2 For each theory course, the question paper shall be set by an external paper setter. The Chairman, BOS shall recommend a panel comprising at least six external paper setters for each theory course to the University. The University shall arrange for setting the question paper by appointing one external paper setter from that panel.

15. Grading and Grade Points:

Grade Point: It is a numerical weight allotted to each letter grade on a 10-point scale

Letter Grade: It is an index of the performance of students in a said course. Grades are denoted by letters O, A+, A, B+, B, C, P and F.

Semester Grade Point Average (SGPA): It is a measure of student's performance of work done in a semester. It is the ratio of total credit points secured by a student in various courses registered in a semester and the total course credits taken during that semester. It shall be given up to two decimal places.

$$\text{SGPA } (S_i) = \sum_{i=1}^{N} (C_i \times G_i) / \sum_{i=1}^{N} C_i$$

where C_i is the number of credits of the i th course and

G_i is the grade point scored by the student in the i th course.

N is the number of courses taken by the student in the Semester.

The CGPA is also calculated in the same manner taking into account all the courses undergone by a student over all the semesters of the programme, i.e.

Cumulative Grade Point Average (CGPA): It is a measure of overall cumulative performance of a student over all semesters. The CGPA is the ratio of total credit points secured by a student in various courses in all semesters and the sum of the total credits of all courses in all the semesters. It is expressed up to two decimal places.

$$CGPA = \sum_{i=1}^{M}(C_i \times S_i) / \sum_{i=1}^{M} C_i$$

Where S_i is the SGPA of the i th semester and

C_i is the total number of credits in that semester.

M is the number of Semesters.

The SGPA and CGPA shall be rounded off to two decimal points and reported in the transcripts.

Letter Grades and Grade Points:

A 10-point grading system with the following letter grades are to be followed.

Letter Grade	Range of Marks	Grade Points
O (Outstanding)	91-100	10
A+(Excellent)	81-90	9
A(very Good)	71-80	8
B+(Good)	61-70	7
B(Above Average)	51-60	6
P(Pass)	50	5
F(Fail)	<50	0
Ab(Absent)-	-	0

Grades and Grade Points:

A student obtaining Grade F or Ab shall be considered failed and will be required to reappear in the examination.

15.1 In each Semester every student who satisfies the attendance requirements should register for examination, failing which he/she shall not be promoted to the next semester. Any such student who has not registered for examination in a semester shall repeat that semester in the next academic year after obtaining the proceedings of the Principal.

15.2 To pass a course in PG Programme, a student has to secure a minimum Grade of (P) in the PG Semester End Examination. A student obtaining Grade F of

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Ab shall be considered failed and will be required to reappear in the examination as supplementary candidate. A student cannot reappear for the semester and Examination in a course to improve the score in which he/she has passed the course.

15.3 A student who has failed in a course can reappear for the End Semester Examination as and when it is held in the normal course. The Sessional Marks obtained by the student will be carried over for declaring the result.

15.4 Whenever the syllabus is revised for a course, the Semester End Examination shall be held in old syllabus three times. Thereafter, the students who failed in that course shall take the Semester End Examination in the revised syllabus.

16. **Award of Degree :**

A student who has earned a minimum of 80 credits and with a minimum CGPA of 5.0 by passing in all the core courses and the minimum number of electives prescribed shall be declared to have passed the course work.

A student who has also passed successfully the Viva-voce Examination of dissertationwork shall become eligible for the award of degree.

17. **Ranking and Award of Prizes / Medals :**

17.1 Ranks shall be awarded in each branch of study on the basis of Cumulative Grade Point Average (CGPA) for top ten percent of the students or top three students whichever is higher.

17.2 The students who have become eligible for the award of M.Tech degree by passing regularly all the courses in two Semesters shall only be considered for the award of ranks.

17.3 Award of prizes, scholarships and other honours shall be according to the rank secured by the student as said above and in conformity with the desire of the Donor.

18. **Conditions of Promotion:**

A student shall be eligible for promotion to the next semester if he/she satisfies the attendance requirements in the immediately preceding semester as specified in clause 11.

19. **Transitory Regulations:**

19.1 A student who has been detained in the previous regulations for not satisfying the attendance requirements shall be permitted to join in these regulations provided the clauses 11.1 and 11.4 hold good.

19.2 End-Semester University Examinations under the regulations that precede immediately these regulations shall be conducted two times after the conduct of last regular examination under those regulations.

19.3 The students who satisfy the attendance requirements under the regulations that precede immediately these regulations, but do not pass the courses shall appear for the End-Semester University Examinations in equivalent courses under these regulations as specified by the BoS concerned.

20. **Grievance Redressal Committee**

The Principal shall constitute a Grievance Redressal Committee by nominating three Professors from among the faculty of the college for a period of two years. The convener of the committee, one among the three, shall receive the complaints from the students regarding the valuation of sessional tests and place the same before the committee for its consideration. The committee shall submit its recommendations to the Principal for his consideration.

21. **Amendment to Regulations:**

Sri Venkateswara University reserves the right to amend these regulations at any time in future without any notice. Further, the interpretation of any of the clauses of these regulations entirely rests with the University.

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SRIVENKATESWARAUNIVERSITY
COLLEGE OF ENGINEERING
TIRUPATI – 517 502

Dual (B.Tech and M.Tech) Degree Programme (CBCS) Regulations-2016
(Effective from the batch admitted in academic year 2016-17)

CHOICE-BASED CREDIT SYSTEM

1. **Preamble:**

Dual (B.Tech and M.Tech) Degree Programme is of six academic years with each academic year being divided into two consecutive (one odd + one even) semesters. The first four years (8 semesters) of study constitutes B.Tech Programme (First Degree) and the subsequent two years (4 semesters) of study constitute M.TechProgramme (Second Degree). A student who becomes eligible for the award of B.Tech degree may exit the programme with B.Tech degree or continue to pursue M.Tech degree Programme. An option to exit should be exercised at the beginning of 7th Semester which is irreversible.

Choice-Based Credit System (CBCS) is a flexible system of learning and provides choice for students to select from the prescribed elective courses. A course defines learning objectives and learning outcomes and comprises of lectures/tutorials/ laboratory work/field work/project work/viva/seminars/ assignments/ presentations/ self-study etc. or a combination of some of these.

Under the CBCS, the requirement for awarding a degree is prescribed in terms of number of credits to be completed by the students.

The CBCS permits students to:

i. choose electives from a wide range of elective courses offered by the Departments.

ii. undergo additional courses of interest

iii. adopt an inter-disciplinary approach in learning

iv. make the best use of expertise of the available faculty

2. **Minimum Qualification:**

A pass in Intermediate Examination conducted by the Board of Intermediate Education of Andhra Pradesh with Mathematics, Physics and Chemistry as optional subjects or any equivalent examination recognized by Sri Venkateswara University.

3. **Branches of Study:**

The branches of study in First Degree of Dual Degree Programme are:

1	Civil Engineering
2	Electrical and Electronics Engineering
3	Electronics and communication Engineering
4	Mechanical Engineering
5	Computer Science and Engineering

The specializations of Second Degree of the Dual Degree Programme shall be specified at the end of the sixth semester.

4. **Semester:**

Generally, each semester shall consist of 18 weeks with a typical academic work of 30 hours/week equivalent to 90 actual instruction days. However, instructional days may be reduced up to 72, when necessary, with increased instructional hours per course per week per semester.

5. **Credits Definition:**

A unit by which the course work is measured. It determines the number of hours of instructions required per week. One credit is equivalent to one hour of teaching (lecture) or two hours of tutorial/practical work/field work per week.

6. **Classification of Courses:**

Courses in UG programme comprises of Basic, Core, Elective and Audit courses.

Basic Courses:

Basic Courses may be of two types; Compulsory Basic and Elective Basic. Compulsory Basic courses are the courses based upon the content that leads to Knowledge enhancement. They are mandatory for all disciplines. Elective Basic courses are value-based and are aimed at man-making education.

Core Courses:

These are the courses which are to be compulsorily studied by a student as a core requirement to complete the requirement of a programme in a said discipline of study.

Elective Courses:

Elective course is a course which can be chosen from a pool of courses. It may be:

✓ Supportive to the discipline of study

✓ Providing an expanded scope

✓ Enabling an exposure to some other discipline/domain

✓ Nurturing student's proficiency/skill.

An elective may be "Generic Elective" focusing on those courses which add generic proficiency to the students. An elective may be "Discipline centric" or may be chosen from an unrelated discipline. It may be called an "Open Elective."

Audit Courses:

Courses outside the prescribed range of Credits for students interested to supplement their knowledge/skills. Optional for students to appear/pass in Continuous Internal Evaluation (CIE)in the Semester and Semester End Examination (SEE) of these courses and/or seek their inclusion in the Grade cards or Transcripts issued (but, not for earning Credits).

MOOCS and e-Learning:

Department centric elective course through MOOCS (Massive Open Online Course) platform. Students of VI and/or VII semesters can register for the course offered by authorized Institutions/Agencies through online with the approval of the Head of the Department concerned. The certificate issued by the Institutions/Agencies after successful completion of the course will be considered for the award of the Grade to that course.

30-40% of the syllabus of any one course in V-VIII semesters may be taught through e-Learning.

7. Course Registration:

Every student has to register for the set of Courses offered by the Department in that Semester including those of Open Elective course of the other Departments and MOOCS courses with the total number of their Credits being limited by considering the permissible weekly contact hours (typically: 30/Week). Audit courses are over and above these courses/credits.

8. Credits Required for Award of Degree:

A student shall become eligible for the award of B.Tech degree, if he/she earns 192 credits by passing all the basic, core and electives along with practicals prescribed for the B.Tech programme. M.Tech degree shall be awarded if a student earns a minimum of 80 credits by passing all the core and electives along with practicals, seminars, comprehensive viva-voce, and dissertation work prescribed for the programme.

8.1 It is mandatory for a student to complete successfully all the basic, core and elective courses pertaining to his/her branch of study. Further, he/she may choose elective courses pertaining to other branches or on MOOCS platform as open electives.

8.2 The courses in M.TechProgramme are classified into Core Courses and Elective Courses. An elective may be Specialization Elective, Cross-Specialization Elective or Open Elective. Specialization Elective courses are the elective courses pertaining to that particular specialization of study. Cross-Specialization Electives are the Core or Elective courses of other specializations of the same Department. Open Electives are the Open Elective courses offered by other Departments. A student may choose Specialization Electives from the list of elective courses offered from his/her specialization of study. Further, a student may select Cross-Specialization Electives from a list of Core or Elective courses from other specializations of the Department. Elective courses offered by the other Departments may be selected as Open Electives. A student may choose a maximum of one open elective not exceeding four credits in the second semester. It is mandatory for a student to complete successfully all the core and elective courses pertaining to branch of specialization of study.

8.3 A student may register for an audit course of his/her interest with the permission of the teacher concerned. However, such credits are not considered as part of the mandatory credits specified in clause 8.

9. **Scheme of Instruction:**

9.1 The Joint-Boards of Studies (JBoS) of Pass shall formulate the scheme of instruction and examinations, and detailed syllabi for the First and Second Semesters of B.Tech Programme.

9.2 The Pass (UG) Board of Studies (BoS) of each Department shall formulate the scheme of instruction and examination, and detailed syllabi for the subsequent six semesters of B.TechProgramme taking into account of the credits offered in the first and second semesters in conformity with clause 8.0.

9.3 The PG Board of Studies (BoS) of each department shall formulate the scheme of instruction and detailed syllabi for all the courses in each M.Tech program specialization of study of that department.

9.4 For every course learning objectives and learning outcomes should be defined. While formulating the scheme of instruction, the BoS shall facilitate to offer the minimum number of credits for the entire Programme. The detailed syllabus of each theory course shall be organized into five units of equal weight.

10 **Structure of Curriculum:**Curriculum should consist of a good mix of Basic, Core and Elective courses. A typical breakdown of percentage of Credits for B.Tech program is as suggested.

Basic courses   : 32-38%

Core courses   : 50-60%

Elective courses : 8-10%

Theory courses   :   70-80%

Practical courses :   20-30%

Practicals include Laboratory/Drawing/Tutorials/Workshop practice/Seminars/Project Work.

11. Course Numbering Scheme:

Each course number is denoted by five alpha-numerals, three alphabets followed by two numerals.

Code of the department offering the course	CO : Commerce CE : Civil Engineering CH : Chemical Engineering CS : Computer Science and Engineering CY : Chemistry EC: Electronics and Communication Engineering EE : Electrical and Electronics Engineering EO : Economics EN : English MA : Mathematics ME : Mechanical Engineering PH : Physics
Nature of course	T: Theory P: Practical D : Design and Drawing
Course Number	01, 02, ...

12. Attendance Requirements:

12.1   A student is required to complete the study of B.Tech Programme satisfying the attendance requirements in all the Semesters within a period of eight academic years from the year of admission to become eligible for the award B.Tech degree failing which he/she forfeits his/her seat. Whereas it is required to complete the study of M.Tech Degree Programme within a period of four academic years to become eligible for the award of M.Tech Degree failing which he/she forfeits his/her seat.

12.2   A student in UG program shall be detained in a Semester if he/she fails to satisfy the attendance requirements given below:

i.   A student shall attend at least 50 percent of the hours of instruction taken by the teacher, in each course.

ii. A student shall attend at least 75 percent of the hours of instruction taken for all the courses put together in that Semester.

iii. The principal shall condone the shortage of attendance of a student provided he/she satisfies the clause 12.2 (i) and obtains at least 65 percent of overall attendance.

12.3 A student in M.Tech program shall be detained in a semester if he/she fails to satisfy the attendance requirements given below:

  i. A student shall attend at least 60 percent of the hours of instruction taken by the teacher, in each course.

  ii. A student shall attend at least 75 percent of the hours of instruction taken for all the courses put together in that Semester.

12.4 A student who fails to satisfy the attendance requirements specified in clauses 12.2 and 12.3 shall repeat that Semester in the subsequent academic years with the written permission of the Principal subject to the clause 12.1.

12.5 A student shall not be permitted to study any semester more than three times during the entire Programme of study.

12.6 A student who fails to satisfy the attendance requirements specified in either of the clauses 12.2, 12.3 and 12.4 in any semester may be permitted to repeat that semester cancelling the previous attendance and sessional marks of that semester with the written permission of the Principal. However, this facility shall not be extended to any student more than twice during the entire Programme of study as specified in clause 12.1.

12.7 Gap year(s) shall be over and above maximum period of eight academic years.

13. Evaluation:

Evaluation shall be done on a continuous basis i.e. through Continuous Internal Evaluation (CIE) in the Semester and Semester End Examination (SEE).

13.1 For each theory course, there shall be two sessional tests of two hours duration carrying 40 marks each and one End-Semester Examination of 3 hours duration carrying 60 marks. Sessional marks for a maximum of 40 shall be awarded based on the performance of the two sessional tests.

13.1.1 Sessional Test I shall be conducted in the middle of the semester i.e. after the completion of 50 % of instruction days covering 50% of the syllabus.

13.1.2 Sessional Test II shall be conducted immediately after the completion of instruction days covering the remaining 50 % of the syllabus.

13.1.3 The students shall be permitted to verify the valuation of answer scripts of sessional tests. The valuation and verification of answer scripts of Sessional Tests shall be completed within a week after the conduct of the Sessional Tests.

13.1.4 It is mandatory for a student to attend both the sessional tests in each theory course. The weighted average of the marks secured in two tests is awarded as sessional marks. However, 0.8 shall be assigned as weight for the best performance of the two tests whereas for the other test it shall be 0.2. If a student is absent for any of the internal tests for whatsoever reason, the marks for that test shall be zero.

13.1.5 An End Semester Examination in each theory course shall be conducted after the last working day of the semester covering the entire syllabus prescribed for that course. The valuation of End-Semester Examination answer scripts shall be arranged by the Controller of Examinations as per the University procedures in vogue.

13.2 For each UG practical course except project work, the sessional marks for a maximum of 40 shall be awarded based on the continuous assessment of practical work by the teacher concerned. An End-Semester Examination of 3 hours duration carrying 60 marks shall be held by two teachers: one external examiner and one internal examiner appointed by the Principal. The Principal shall appoint the external examiner from among the panel of examiners recommended by the Chairman, BoS concerned. He shall appoint the internal examiner nominated by the Head of the Department concerned. For each PG practical course, the sessional marks for a maximum of 40 shall be awarded by the teacher based on continuous assessment of practical work. The End-Semester University Examination carrying 60 marks shall be conducted by two examiners: i) concerned teacher and ii) teacher nominated by the HoD.

13.3 Evaluation of Seminars:

For each seminar course in PG program, the sessional marks for a maximum of 100 shall be awarded based on the quality, depth and organization of contents, documentation, presentation and answering capability of questions from the participants of the seminar.

13.4 Evaluation of Comprehensive Viva-voce examination:

The comprehensive viva shall be conducted by a committee consisting of one external examiner and two internal examiners. The external examiner shall be appointed by the Principal from among panel of examiners recommended by the Chairman, BoS(PG) concerned whereas, the internal examiners shall be nominated by the HOD concerned.

13.5 Evaluation of UG project work :

The guide shall assess the progress of UG project work continuously and award marks for a maximum of 40. A committee consisting of one external examiner and two internal examiners from the department shall value the project work and conduct viva-voce for a maximum of 60 marks.

The Principal shall appoint the external examiner from among the panel of examiners recommended by the Chairman, BoS concerned. He shall appoint the internal examiner nominated by the Head of the Department concerned.

13.6 Evaluation of PG Dissertation Work :

Normally, the thesis work should be carried out at Sri Venkateswara University College of Engineering (SVUCE). However, it can also be carried out in any of the recognized Educational Institutions, National Laboratories, Research Institutions, Industrial Organizations, Service Organizations or Government Organizations with the prior permission from the guide and Head of the Department (HoD) concerned.

13.6.1 The dissertation work shall be evaluated for a total of 24 credits as indicated in the Table below.

13.6.2 A open pre-submission seminar shall be given by the student at least four weeks ahead of the completion of the programme and submit the dissertation work. Head of the Department shall constitute a committee comprising of the Chairman, BoS(PG), HoD and Guide and convenes its meeting to evaluate the open pre-submission seminar. If the open pre-submission seminar delivered by a student is not satisfactory, another seminar shall be scheduled within two weeks.

13.6.3 A student can submit his dissertation work duly certified by the guide and HoD, after successfully completing all the requisite credits pertaining to theory, practical, seminar and comprehensive viva. As soon as a student

submits his/her dissertation, Principal shall appoint the External Examiner from among the panel of examiners recommended by the Chairman, BoS (PG).

13.6.4 Head of the Department in consultation with the Guide and External Examiner shall schedule the viva-voce Examination of dissertation work and send the evaluation report to the Controller of Examinations. The evaluation of the thesis work and the marks allotted are as under:

S No.	Mode	Evaluation Committee	Marks
1	Evaluation at the end of III Semester	Committee comprising of Senior faculty of the specialization, Guide and HoD	20
2	Continuous evaluation	Guide	30
2	An open pre-submission seminar	The committee with Head of the Department as Chairman, Chairman BoS (PG) and Guide as members.	20
3.	End-semester University Examination(An open seminar followed by a Viva-voce)	The committee comprising of External Examiner, HoD and guide wherein the HoD shall be the chairman of the committee.	30
		Total	100

14. Question Paper Setting:

14.1 Model Question Paper for each theory course shall be prepared by the teacher within 30 days from the commencement of the Semester and the same shall be forwarded to the Controller of Examinations through the Chairman, BoS concerned.

Two questions shall be set from each unit of the syllabus for a maximum of 12 marks each, out of which one question from each unit shall be answered by the student. Further, a question may comprise sub-questions specifying the distribution of marks among them. However, the Chairman, BoS shall accord exception in question paper format, if necessary. The question papers shall assess the understanding of the concepts and their applications in solving problems and at least 50% of the questions should be numerical.

Further, the question papers of design oriented courses shall assess the abilities of analyzing and evaluating design alternatives.

14.2 For each theory course, the question paper shall be set by an external paper setter. The Chairman, BOS shall recommend a panel comprising at least six external paper setters for each theory course to the University. The University shall arrange for setting the question paper by appointing one external paper setter from that panel.

15. **Grading and Grade Points:**

Grade Point: It is a numerical weight allotted to each letter grade on a 10-point scale

Letter Grade: It is an index of the performance of students in a said course. Grades are denoted by letters O, A+, A, B+, B, C, P and F.

Semester Grade Point Average (SGPA): It is a measure of performance in a semester.

Cumulative Grade Point Average (CGPA): It is a measure of overall cumulative performance of a student over all semesters.

Letter Grades and Grade Points:

A 10-point grading system with the following letter grades are to be followed.

Grades and Grade Points:

For B.Tech. Programme

Letter Grade	Range of Marks	Grade Points
O (Outstanding)	91-100	10
A+(Excellent)	81-90	9
A(very Good)	71-80	8
B+(Good)	61-70	7
B(Above Average)	51-60	6
C(Average)	41-50	5
P(Pass)	40	4
F(Fail)	< 40	0
Ab(Absent)-	-	0

For M.Tech. Programme

Grades	Range of Marks	Grade Points
O (Outstanding)	91-100	10
A+(Excellent)	81-90	9
A(very Good)	71-80	8
B+(Good)	61-70	7
B(Above Average)	51-60	6
P(Pass)	50	5
F(Fail)	< 50	0
Ab(Absent)-	-	0

A student obtaining Grade F or Ab shall be considered failed and will be required to reappear in the Semester End Examination (SEE).

Computation of SGPA and CGPA

SGPA is the ratio of sum of the product of the number of credits and the grade points scored by a student in the courses taken by a student and the sum of the number of credits of all the courses taken by a student in a semester.

$$\textbf{SGPA } (S_i) = \sum_{i=1}^{N}(C_i \times G_i)/\sum_{i=1}^{N}C_i$$

where C_i is the number of credits of the i th course

G_i is the grade point scored by the student in the i th course and

N is the number of courses in the semester..

The CGPA is also calculated in the same manner taking into account all the coursestaken by a student over all the semesters of a programme, i.e.

$$\textbf{CGPA} = \sum_{i=1}^{M}(C_i \times S_i)/\sum_{i=1}^{M}C_i$$

where S_i is the SGPA of the i th semester

C_i is the total number of credits in that semester and

M is the number of semesters.

SGPA and CGPA shall be rounded off to two decimal points and reported in the transcripts.

15.1 To pass a course in B.Tech Programme, a student has to secure a minimum Grade of P in Semester End Examination. A student obtaining Grade F or AB

shall be considered failed and will be required to reappear in the End Examination. A student cannot reappear for the Semester End Examination in a course to improve the score in which he/she has passed to improve the score.

To pass a course in M.Tech Programme, a student has to secure a minimum of Grade of P in Semester End Examination. A student obtaining Grade F shall be considered failed and will be required to reappear in the Semester End Examination. A student cannot reappear for the Semester End Examination in a course to improve the score in which he/she has passed the course.

15.2 A student who has failed in a course can reappear for the End-Semester Examination as and when it is held in the normal course. The Sessional Marks obtained by the student will be carried over for declaring the result.

15.3 Whenever the syllabus is revised for a course, the Semester End Examination shall be held in old syllabus three times. Thereafter, the students who failed in that course shall take the Semester End Examination in the revised syllabus.

16. Ranking and Award of Prizes / Medals:

16.1 Ranks shall be awarded in each branch of study on the basis of Cumulative Grade Point Average (CGPA) for top ten percent of the students or top three students whichever is higher.

16.2 The students who have become eligible for the award of B.Tech / M.Tech degree by passing regularly all the 8/4 Semesters shall only be considered for the award of ranks.

16.3 Award of prizes, scholarships and other honours shall be according to the rank secured by the student as said above and in conformity with the desire of the Donor.

17. Conditions of Promotion:

A student shall be eligible for promotion to the next semester of B.Tech/M.Tech Programme provided he/she satisfies the attendance requirements in the immediately preceding semester as specified in clause 12.

A student who becomes eligible for the award of B.Tech degree is permitted to enroll for M.Tech Programme provided he/she applies for that option before the commencement of seventh semester.

18 Gap Year:

The concept of Student Entrepreneur in Residence i.e. Gap Year shall be introduced and outstanding students who wish to pursue entrepreneurship are allowed to take a break of one year at any time after completing II year of study to pursue full time entreneurship. A committee shall be constituted to evaluate the proposal submitted by the student and the committee shall decide on permitting the student to have the Gap Year. Students shall be permitted to rejoin the succeeding year of B.Tech. from the date of commencement of class work and will be under the academic regulations in force at that time. Gap year may be extended by another year (i.e. a total of two years) and will not be counted for the maximum period of eight academic years.

19. Grievance Redressal Committee

The Principal shall constitute a Grievance Redressal Committee of three Professors from the faculty of the college for a period of two years. The senior most among them shall be convener of the committee who receives the grievances from the students regarding the valuation of sessional tests and places the same before the committee for its consideration. The committee shall submit its redressal recommendations to the Principal for his consideration.

20. Transitory Regulations:

20.1 A student who has been detained in any semester of previous regulations for not satisfying the attendance requirements shall be permitted to join in the corresponding semester of this regulation provided the clauses 11.1 and 11.5 hold good.

20.2 End-semester Examinations in each course under the regulations that precede immediately these regulations shall be conducted three times after the conduct of last regular examination under those regulations. Thereafter, the failed students, if any, shall take examination in the equivalent papers of these regulations as suggested by the Chairman, BoS concerned.

21. Amendment to the Regulations:

Sri Venkateswara University reserves the right to amend these regulations at any time in future without any notice. Further, the interpretation of any of the clauses of these regulations entirely rests with the University.

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CURRICULUM

The curriculum in the College is very flexible. It is restructured periodically to make it more relevant to the current changing trends, at the same time meeting the requirements of GATE, UPSC, APPSC etc. The Board of Studies periodically revises the curriculum generally enriching the content of the existing papers. The curriculum provides for inter-disciplinary and multi-disciplinary interaction and cooperation. All the teachers in the department participate in the process of curriculum development. Curriculum on the extension, research and industry interaction has been designed and implemented in all the courses.

TEACHING METHODS

Conventional teaching methods are supported and supplemented by

- Use of Audiovisual media
- Discussions
- Written Assignments
- Fieldwork
- Conducting National / International Seminars /Workshops.
- Learning Resources
- Class Room Seminars
- Laboratory Assignments
- Project Work

RESEARCH

Research has always been an integral part of the College. The students and teaching faculty at all levels are engaged in advancing the frontiers of knowledge through socially relevant, scientific and technological research. The faculty members periodically publish research papers and books, participate in and organize National and International Conferences/Symposia /Workshops and also undertake major and minor research projects in order to improve the individual academic caliber and also to bring to the University national and international research credits.

Technical Education Quality Improvement Programme

(TEQIP)

TEQIP is a World Bank funded long-term programme initiated by the Government of India and Andhra Pradesh State Government aimed at transformation of the Technical Education system in three phases. SVU College of Engineering is one among the institutions which has successfully completed the TEQIP Phase-I and phase-II and selected under TEQIP-III. It is fully integrated with the Eleventh Five- Year plan objectives of the Government of India and focuses on scaling up PG Education, Demand Driven Research and Development and Innovation.

SVUCE was selected under TEQIP-III with a budget outlay of Rs.7 crores. The project duration is for three years from 2017-2018.

Under TEQIP, existing laboratories were strengthened and modernized with state of the art equipment. New laboratories were established for existing UG and PG programmes. College Computer Centre was also strengthened and a new digital library is created. Teaching Assistantships of Rs. 8,000/- per month were awarded to PG students and Research Assistantships of Rs.18, 000/- p.m were also awarded full time scholars I-I-I Cell was established and an MoU was signed with CII Andhra Pradesh to strengthen the Industry-Institute-Interface by offering continued support to faculty, students and Curriculum. In order to improve Managerial and Administrative abilities, Heads of Institutes, Dean, Heads of Departments and Senior Faculty were deputed for training programmes identified by NPIU, SPFU and SVUCE to IITs and IIMs. Institutional reforms are implemented by conducting a workshop involving all stake holders as a part of periodic revision of curriculum. Faculty performance is evaluated for every course and the results are used for remedial actions. Remedial classes are held for academically weak students to improve their academic performance. Students are encouraged to visit industry for internships by providing financial assistance. Several conferences and workshops were conducted.

TEQIP team :

1) Prof. K. Mallikarjuna Rao, Coordinator.
2) Dr. P. Hema, Nodal Officer (Academic)
3) Prof. M. Damodar Reddy, Nodal Officer (Procurement)
4) Prof. G.V. Marutheswar, Nodal Officer (Finance)

SCHOLARSHIPS

Scholarships which have Income Limit

1. State Social welfare Scholarships to BC students at Rs.960 per month for 10 months or date of joining.
   Eligibility: Annual income should be below Rs.1,00,000/-
2. Government of India, Social Welfare/Tribal Welfare Scholarships to SCs and STs (actual mess charges and pocket money)
   Eligibility: Annual income should be below Rs.2,00,000/-
3. A.P. State Merit Scholarship
   Selected by A.P.Govt on the basis of Intermediate marks
   Income should be below Rs. 4,50,000/- p.a. (Selection by Government)

4.   National Merit Scholarship
      Continuous from intermediate
5.   General Merit Scholarship (AP Area)
      Income should be below Rs.1,00,000/-p.a.

Scholarships Irrespective of Income Limit

1.   A.P. State Special Merit Scholarship (Prathibha)
      The student who secures top rank in intermediate is selected by A.P. Govt. irrespective of parental income limit.

2.   A.P.State Educational Loan for Engineering Students.
3.   Scholarships for Children of Ex-Servicemen.
4.   Scholarships for the children of Teachers.
5.   Scholarships for the children of Sufferers
6.   Scholarships for the children of Govt. Servants
7.   Scholarships to Destitute Orphans.
8.   Scholarships to the physically Handicapped students.
9.   Departmental Scholarships such as Postal, Railway etc., and other Agencies.
10.   S.J.Jindal Scholarship.

PRIZES AND MEDALS

1.   **Nagamma Subba Reddy Prize**

      It is awarded annually in the form of books and instruments to a student who passes the I B.Tech. Examination at the first appearance securing the highest aggregate marks. In case of a tie, the prize shall be divided and awarded to all such candidates.

2.   **Mallimadugula Seshamma Prizes**

      The Prize shall be awarded to a B.Tech. (Civil) student of S.V.U. College of Engineering securing the highest aggregate marks in subjects, (i) Soil Mechanics, (ii) Foundation Engineering, and (iii) Geo technical Engineering. Practical put together. The aggregate marks are computed taking into account both sessional and University Examination Marks.

3.   **Ivatury Prizes**

      The prize is awarded to each of the following

      a) First rank holder in II year of all branches.

      b) First rank holder in III year of all branches.

      c) First rank holder in each of the branches taking into account the aggregate marks of II, III and IV B.Tech. Examinations.

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4. **Harshul Jayant Dalal Prizes**

The prizes are awarded to the Mechanical Engineering students.

a) First rank holder taking into consideration the aggregate marks of II, III & IV year Examinations

b) First rank holder of the II year

c) First rank holder of the III year

d) First rank holder of M.Tech

5. **Jayaprakash Narayan Memorial Prize**

The Prizes are awarded every year in the form of technical books to the most meritorious outgoing B.Tech. Student of a particular branch of Engineering by rotation.

6. **R.Navaneetha Krishnan Prize**

It is awarded annually to a student who passes the B.Tech (Electrical and Electronics Engineering) Degree Examination.

7. **P.V.Krishnaiah Chowdary prize**

The prize is awarded to the candidate who secures maximum aggregate marks (II, III, & IV year marks) among all branches having passed the examination in the first appearance.

8. **R.Viswanath Memorial Prize**

The prize is awarded to the candidate belonging to B.Tech(ECE) of S.V.U. College of Engineering securing the I rank considering aggregate marks of II, III and IV year B.Tech Examinations.

9. **Sri Arekapudi Ramanadham Chowdary & Smt. Ponamma Endowment Prize**

It is awarded annually to a student who passes the M.Tech.Degree Examination of S.V.University in all branches put together in Fist Rank.

10. **Professor Nayudamma Award**

The award is given annually in the form of a gold medal to final B.Tech. Student who secures First Rank in Chemical Engineering discipline based on the aggregate marks obtained in II, III and IV year both sessionals and University examinations in first attempt.

11. **Miss K.Karuna Memorial Prize**

The prize is awarded annually to the most meritorious out-going student of Chemical Engineering discipline.

12. **Dr. Gopichand & Smt. Akkamma prize**

The prize is awarded annually to a student who passes the B.Tech degree (EEE) in first rank.

13. **Pelala Venkata Subaiah Memorial Prize**

It is awarded to the student for the best M.C.A. IV Semester Project Work.

14. **Smt. Alamelamma and Sri Venkateswara Kasthuri Endowment Educational Scholarships:**

These scholarships are given for two students every year.

I. First rank holder of M.Sc. Bio-Tech.

II. First rank holder of B.Tech.

15. **R.C. Rathi Memorial Scholarship**

The scholarship is given to a student who secures the highest score in first year M.Tech. in all branches in first attempt.

16. **Dr. Y.Dhanalakshmi Ramakrishnan Prizes**

Cash prizes are awarded in all branches of B.Tech to the toppers of second year.

Cash prizes are awarded to the toppers of third year in Chemical, Civil and EEE.

17. **Prof. B.Swamy Memorial Prize**

Cash prizes are awarded to the topper of third year in Mechanical, ECE and CSE.

18. **Prof. G.Ramakrishnan Cash prize**

Three Cash prizes are awarded to the 1st, 2nd & 3rd rankers of first year B.Tech considering all branches of Engineering.

19. The Alumni Association of SVUCE Hyderabad Chapter has instituted the following scholarships

1) Sr. L.K.Rama Murthy Raju Scholarship

Amount of Scholar ship: Rs.5,600/- each

No. of Scholarships : Seven

Basis: Financially weak Students in any Branch. The Scholarships will continue throughout the course unless the student is otherwise disqualified

2) Sr. T.Subba Rayudu Scholarship

Amount of Scholarship : Rs.5,000/- each

No. of Scholarships : Two

Basis: Merit-come-Means-Mechanical Branch 3rd & 4th year.

3) Late Sri Pedda Venkaiah Scholarship Instituted by Dr. C.R. Prasad

Amount of Scholarship: Rs. 5,000/- each

No. of Scholarships : Two

Basis: One for Best Student in Mechanical Branch and another for Best Student in any other Branch.

4) Sri Chennuri Chenga Reddy & Smt. Chennuri Kamalamma Scholarship instituted by Sri. C. Gopala Reddy

Amount of Scholarship: Rs. 10,000/- each

No. of Scholarship : One

Basis: Best Fourth year Student in Electrical Branch based on Marks obtained in First three years.

5) Sri Rallappali Manoj Scholarship Instituted by Sri Ananthayya

Amount of Scholarship: Rs. 5,000/- each

No. of Scholarship : One

Basis: Best 4th year Student in Chemical Engineering based on Marks obtained in First three years.

6) Late R. Sreekanth Memorial Endowment cash prize award :

Every year on 31st October

No. of Scholarships : Two

Sponsored by Smt. And Sri. Ravindra Nath Tagore, Eluru in memory of their son, Mr. Sreekanth

Eligibility: Third year completed Mechanical Engineering students who are in Final year batch, poorest among poor.

7) Sri S.V.Narayana and Smt.Thirumalamma Scholarship instistuted by their son Sri.S.V.K.Gnaneswar.

Amount of Scholarship: Rs. 5,000/- each

No. of Scholarship : One

Basis: The poorest of the girl student irrespective of branch/discipline or year of study in the college.

8) **Mrs.Anupama (USA) Scholarship, instituted by the daughter of Sri S.V.K.Gnaneswar**

   Amount of Scholarship: Rs. 5,000/- each

   No. of Scholarship: One

Basis: The poorest of the girl student irrespective of branch/discipline or year of study in the college.

9) **Bogineni Chenchu Rama Naidu and Bogineni Kalyani Gold Medals:**

   Every year for the toppers in the specializations in CE, ChE, EEE, ECE, ME & CSE

10) **Late Prof.G.Ram Prasad Scholarship:**

   In the Department of Civil Engineering in memory of Late Prof. G. Ram Parsad, Department of Civil Engineering, commencing from the academic year 2013-2014.

   Rs. 5000 cash will be awarded to economically backward merit student of every year in B.Tech Civil Engineering Department.

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FACILITIES ON THE CAMPUS
S.V.UNIVERSITY LIBRARY

Visit: www.library.svu.ernet.in

The University Library was started in the Year 1955 with a small collection of 6,700 books taken from the Sri Venkateswara College, Tirupati, administered by Tirumala Tirupati Devasthanams. The present library building was declared open in July 1964, by Dr, S.Radhakrishnan, the distinguished Philosopher and the then President of India.

The campus possesses a well-stocked and efficiently catalogued library with a huge collection of text and reference books, scientific journals, and research papers/material.The University Library caters to the educational, research and information needs of the students, research scholars and faculty. It is centrally located and easily accessible to all the users. The library contains over 3.15 lakh documents, arranged in neatly stacked racks in spacious halls. It subscribes to about 440 periodicals including 330 Indian and 52 foreign journals. The library also contains a "Competitive Examinations Cell" that provides reading material for those preparing for various All India and State level competitive examinations and also for GRE, TOEFL, CAT, GMAT, etc., It is a member of the INFLIBNET Program.

The Library has four reading halls with a seating capacity for 325 readers at a time. Members are provided with tickets for borrowing books from the Library. Each Post-Graduate student is given 3 tickets and each Research Scholar 5 tickets. The borrowers can keep the books for fourteen days only. If the books are not returned within the prescribed period, a penalty of 10 paise per day for each book will be collected. Besides book lending service, the Library offers Reference Service, advice to Readers and Inter-Library Loan facility.

The UGC has provided access to about 4,450 e-Journals and Databases under its UGC-INFONET Programme to SVU Library. The students, Research Scholars and Faculty members can access these E-Resources in the digital Library. The process of digitizing Ph.D. and M.Phil. theses awarded by the S.V.University is in progress. So far about 860 Ph.D. theses have been digitized and this can be accessed through the website http:// library.svu.ernet.in. S.V.University is the first state University in the country to digitize Ph.D. and M.Phil. theses.

The Library is kept open for readers between 8.00 A.M. to 11.00 P.M. on all working days with transactions at the circulation counter except on Sundays and Holidays, on which the Library functions from 10.00 A.M. to 5.00 P.M. for study and consultation purpose only.

College Book Bank

The S.V.U. College of Engineering book bank was started in the year 1956. Presently the collection of books is more than five thousand. The book bank has one big hall for reading newspapers and books. The seating capacity of book bank is one hundred and fifty at a time. Members are provided with tickets for borrowing books from the book bank.

Each B.Tech. student is given two cards. However, two more books are issued to SC/ST students in the account of Social Welfare Society. The borrowers can keep book for one month from the date of issue. If the book or books are not returned within the prescribed date, a penalty will be collected as per to Book Bank rules.

A competitive section for the benefit of students is also maintained. Steps are being taken to provide the students with digital library facility.

The book bank maintains three types of accounts. They are:

1. Social Welfare Society provided books for SC/ST students .

2. TEQIP books are only reference and not for issues.

3. Reading Account, from which books are issued for all the students.

The book bank is kept open for readers between 8 am and 8 pm. The Book Bank functions from 10 am to 5 pm on all working days.

In-Charge: Dr. G. Reddeppa

e-mail : drreddeppag@gmail.com

(M) : 9441245251

Book Bank Land Line: **0877-2289474**

In addition, each Department has a departmental book bank.

S.V.UNIVERSITY HEALTH CENTRE

S.V.U. Health Centre was established in the year 1962. It is a service oriented mini-hospital extending free medical service to the students, research scholars, employees of S.V.University and their dependent family members like parents and unmarried children, retired employees and their spouses and guests and visitors to the University. The total population covered is about 20,000. The average daily outpatient strength of the centre is about 250 per day.

The Health Centre (Out-patient counter) works as follows:

On all working days – 7.45 A.M. to 10.45 A.M; 4.00 P.M. to 6.00 P.M.

Sunday and other public Holidays – 7.45 A.M. to 10.45 A.M.

The list of all the students admitted into various courses is forwarded to the Health Centre along with their photographs. Each student is allotted a Health Centre identity number for his/her treatment as out-patient. In-patient facility is also available. For in-patient students, boarding facility is made available from their respective messes. Day scholars, however, have to make their own arrangements regarding food.

Besides, Specialist Consultant Services in the specialties of General Medicine, General Surgery, Ophthalmology, Dental Surgery and Radiology on prior appointment are available as follows.

1. **Physician** : 5.00 P.M. to 6.00 P.M. (Monday & Friday)

2. **Surgeon** : 5.00 P.M. to 6.00 P.M. (Mondays)

3. **Opthalmologist** : 5.00 P.M. to 6.00 P.M. (Tuesday & Thursday)

4. **Dental Surgeon** : 5.00 P.M. to 6.00 P.M. (Wednesdays)

5. **Radiologist** : 5.00 P.M. to 6.00 P.M. (Monday & Thursday)

A student has to produce his/her identity card when he/she visits the Health centre for medical services. Facilities of World University Service (W.U.S.) and Student Health Welfare Fund are available. Under this fund, a student is eligible for a maximum of Rs.10,000/- for certain treatments. Blood donation campus are organized now and then with active co-operation and involvement of students. S.V.U.Health Centre has been renovated and now looks like a corporate hospital.

SPORTS

Established in the year 1955, the department of Physical Education has been functioning as the prime nucleus for the organization of Sports activities in various disciplines at the college, Inter-Collegiate and Inter-University levels and coaching campus for all the University teams. The department has organized Inter-University Tournaments for almost all the Games including All India Inter-University Athletic Meet.

Facilities :

The Department of Physical Education has the following sports infrastructure facilities:

§ Two Flood-lit Tennis Courts
§ Two Flood-lit Basket Ball Courts
§ Three Volley Ball Courts
§ Two Ball Badminton Courts
§ One Hockey Ground
§ One Foot Ball Ground
§ One Kho-Kho Court
§ Two Kabaddi Courts
§ One Hand Ball Ground
§ One Cricket Ground
§ One 400 mts standard Clay Track
§ One Indoor Hall for Table Tennis, Carroms, Chess,
§ One Indoor Gymnasium with Flood-light facility for Badminton (Wooden Flooring), Separate Hall for Multigym (16 stations) Weight-Lifting and Weight Training etc.
§ Basket Ball court with cement concrete flooring was constructed.
§ Acrylic boards with baskets fixed to the RCC columns.

Cost of Project is Rs.6.38 Lakhs.

Athletic Association :

Athletic Association, under the auspices of the Department of Physical Education carries out all activities of sports and games for active participation of both men and women students. All the students of the University Campus Colleges are the members of the Athletic Association.

Tennis Club: Students joining the University Tennis Club have to pay a special annual fee as may be fixed from time to time.

Cash Awards: Cash Awards for Inter-University Place winners.

Dr. L.K.Govindarajulu Memorial Cash Prize for the Individual Athletic Champion for Men & Women in S.V.University Inter-Collegiate Athletic Meet.

Thirty sports Merit Scholarships for Men(20) & Women (10).

Dy. Director of Physical Education : Dr. D. Krishna Murthy 9441408123

UNIVERSITY COMPUTER CENTRE

The SVU Computer Centre was established during the year 1984, with an objective to provide services to the students, staff and research scholars of the University. The Computer Centre has been carrying out the works of Examinations, Finance & Accounts, Administrative Departments. It undertakes computer training programmes to the students teaching and non-teaching staff of the University. The centre offers M.Sc. (IS) and other certificate courses. The Computer Centre has the latest state-of-the art facilities including internet. The Centre is open from 8.00 am to 6.00 pm.

S.V.University Computer Centre

Director

0877-2289427

1. **Dr. R.Sehadri** ravalaseshasdri@yahoo.co.in ; 9441296146,2248551

Systems Manager

2. **Smt.B.H.Nagarajasree** bnsiri_apr2006@yahoo.co.in : 9395376634

System Analyst

3. **Sri R.Sreenivasulu** rayachotisreenivasulu@yahoo.co.in2288326

Programmer

5. **Sri S.Venkateswarulu** svenkat55@yahoo.com ; 2286120, 9440953117

COLLEGE COMPUTER CENTRE

The College Computer Centre of SVU College of Engineering is located in the western side of ground floor of Main building. It provides centralized computing facility and Internet distribution for all departments. It is also responsible to maintain the fiber optic network in S V U College of Engineering. The College Computer Centre is modernized with the funds from TEQIP Phase-I during 2006-09. The technical staff of CCC will render technical assistance in maintaining the computers in the departments and Computer Centre.

The Computer Centre supports the placement cell in conducting the on line tests by different organizations visiting for campus placements. It has run many summer training bridge courses for second year Intermediate students in computer programming fundamentals. It supports NMEICT cell of S V U College of Engineering for running its On-line Courses from IIT, Mumbai and IIT, Kharagpur. The computer centre also provides the platform for Digital Library. All students can access the Digital Library content from any of the nodes of centre.

Total Area of Computer Centre: 248.4 Sqm.

CAD Lab: 107.35 Sqm.

Number of Stand- Alone Personal Computers (connected as nodes): CCC: 72Nos with Pentium-4 Configuration

CAD Lab: 36 Nos with Pentium-4 and 21 inch graphics support

CISCO 24 –port switches for LAN connectivity

Number of Servers: 2   (DELL R320 Servers)

Internet: 2 Mbps with dedicated Fiber line(Reliance)

Computer Centre Staff:

K Udaya Kumar	System Consultant
N.Murali Prasad	System Operator
K Amaranath	System Operator
K.Ramamoahn Naidu	Lab Assistant
B.Prashanth Krishna	Helper

Digital Library:

The access for e-journals and e-books is active on our LAN .This access is available in faculty rooms of SVUCE (through SVU Internet) and College Computer Centre. The links useful for the accessing digital library are given below:

ASME Journal Access: http://asmedigitalcollection.asme.org

ASCE Journal Access : http://ascelibrary.org/

IEEE All Society Periodicals Package: http://ieeexplore.ieee.org

Pearson e-books: http://lib.myilibrary.com

Other Facilities

Open Air Auditorium – The Open air Auditorium was constructed opposite to the Existing Engineering Colllege Main building over an area of 3,300 sqm.

The Gallery seating capacity is 1,500.

The open air Dias is 242.00 sqm.

Consists two closed RCC roof

Green Rooms of 484.00 sqm each.

Cost of Construction is Rs.65.00 lakhs.

Passenger Elevator – A passenger Elevator of 6 passengers capacity with ARD (Alternative Rescue device) was installed exclusively for Physically challenged students in the Main College Building. The cost of the project is Rs.8.00lakhs

DIRECTORATE OF STUDENT WELFARE AND CULTURAL AFFAIRS

Established in the year 1995, Directorate of Student Welfare and Cultural Affairs

- endeavors to promote cultural, emotional, national and communal integration in the campus

- provides an avenue for the expression of literary and artistic creativity and originality among the students, research scholars and faculty.

- aims to inculcate discipline, enhance commitment, develop service motto among the students

- proactively identies and redresses the grievances of the students

- besides taking care of the developmental, informational and welfare needs of the students in the campus.

Among the other things, the directorate undertakes the following activities:

Welfare Activities

o Training in Yoga

o Meditation classes

o Coaching for UGC National Eligibility Tests

o Spoken English classes

o Development of Communication skills among the students

o Personality Development classes

o Internet orientation program

o Orientation on Employment generation

o Training Programme in Folk Dance

Cultural Activities

As a prelude to select and send our University team to participate in the inter-University Youth Festivals organized by the AIU, the Directorate conducts cultural and literary competitions at S.V.U. College and University levels. It communicates with all the constituent colleges, affiliated colleges and PG Centers asking them to conduct

competitions at the college level and send teams to participate in the SVU inter-Collegiate competitions during the University Youth Festival and selects the University Youth festivals in the following events:

Fine Arts

Cartooning, On the spot painting, Clay modeling, Poster making, College, Rangoli.

Literary Events

Quiz, Elocution and Debate.

Musical Events

Classical Vocal, Light Vocal(solo), Group songs (Indian), Western Vocal (solo), Group songs (Western), Instrumental (Percussion & non percussion)

Theatre Events

Skit, One Act Play, Mime, Mimicry.

Dance Events

Classical, Folk/Tribal. Old Students' Day, mega events like the SVU Golden Jubilee etc.In addition to the above, the Directorate

i) organizes a training program in **Mimicry, Magic and Ventriloquism.**

ii) Trains the students for cultural events on the occasion of the celebration of the College Day, Independence Day, Republic Day.

Information and Grievance Redressal Centre

Recognizing the necessity to provide information to the students about the various facilities, programs, competitive exams, career opportunities, and also to identify and redress their grievances, the Directorate started an Information and Grievance Redressal Cell in April, 2005

Student Resource Centre (SRC)

This Centre would organize Human Resource Development programs like Personality Development, Coaching classes for competitive examinations like NET, UPSC, APPSC, GATE, spoken English Classes, Classes to improve Communication skills.

DIRECTORATE OF COMMUNITY DEVELOPMENT

Community Development is an issue of global concern. It is integral part for the development of any Nation. Although the Universities and colleges in India are actively involved in modes of teaching and research activities, they have their own limitations to contribute their research findings for the development of the communities. Now, it is very

important than never, that the Universities should have their strategies in contributing to the development of the community in their own possible ways. The Universities have an access to understand the world wide information technology and donor system which can be linked to the rural community to the opportunities that are available globally. This will pave a way to tap the funds in getting a project for the progress of poor and disadvantaged. The University co-ordinates the projects, plays a mediator and motivator role, interprets government structures, donor intentions and procedures, thus empowering the community to access these resources. The University also facilitates needs assessment, planning, training, report writing, account keeping and assists conflict management. Keeping these in view, the above centre has been opened by the Hon'ble Vice-Chancellor Prof.S.Jaya Rama Reddy to make S.V.University to take part actively in the activities of Community Development. Apart from the Director, the Advisory Committee and the Task Force Committee have also been constituted, which are headed by the Vice-Chancellor to execute and to monitor the Community Development Programmes.

PRE-EXAMINATION TRANINING CENTRE

The Pre-Examination Training Centre for Weaker Sections offers coaching for various Competitive Examinations like IAS, IPS, Group-1 Services etc. Engineering Students have the opportunities for undergoing coaching for GATE and other examinations. Apart from coaching, books and stipend are provided to the students.

NATIONAL SERVICE SCHEME (NSS)

NSS was introduced during 1969-70. Starting with 300 volunteers, it has grown into a mighty programme with about 40,000 Volunteers for regular NSS and special camping programmes.

Objectives:

To promote personality development among students through community service. To instill a sense of discipline among students. To make students physically fit for nation building activities. To direct students energies to right causes. To acquire leadership qualities and democratic attitude. To practice National integration.

The NSS Bureau and NSS Seminar Hall are located at NSS Bhavan near the Administration Building (Neelam Sanjeeva Reddy Bhavan). 260 NSS Programme Officers are there in Engineering, Degree and Junior Colleges of S.V.University area. Students who wish to join NSS should apply to the Programme Officer concerned in their respective Colleges.

Activity

NSS volunteers will have the following activity

i) 120 hours of service during an academic year
ii) They have to work on Sundays and evening to complete this target service.
iii) One special camp in a year during vacation
iv) Volunteers are provided with refreshment whenever they work.

Issue of Certificates

Ø Special Camp Certificates are issued to the volunteers who have been involved in the camp for 10 days with Programme Coordinator's and Vice Chancellor's signatures.

Ø Bonafide N.S.S. Certificates are given to volunteers who have been involved in general regular N.S.S. for 2 years

Ø For volunteers who attend National Integration Camps, Inter State Campus, Inter Camps on deputation, are given University certificate by the organizers of the camp. These certificates are given priority II and considered in P.G. Admissions.

Dr. B. Sarath Babu   **(M) 98495 68083**

NATIONAL CADET CORPS (NCC)

B.Tech. Students of S.V.U.College of Engineering can join NCC (Air Wing) which is situated in the College premises. The NCC programme consists of 40 parades each of two hours duration in a year. The programme mainly deals with 75% technical classes and 25% drill classes. The parades are generally conducted after college hours and also sometimes during Sundays and holidays. After the successful completion of training for 2years in NCC, the cadets are eligible to appear for 'B' Certificate Examination and after the completion of the 3rd year of training in NCC, the cadets are eligible to appear for 'C' Certificate Examination.

The incentives for NCC Cadets are:

1. Reservation in Jobs
2. Direct entry into the service (Army, Airforce and Navy) without prior training
3. The best cadet based on certain merits will be given an amount of Rs. 1,000/- on the Republic Day Celebrations.

Dr. M. Humera Khanam, NCC Officer : (M) 94909 23045

S.V.UNIVERSITY GUEST HOUSE

S.V.University Guest House was inaugurated in the year 1973. It has all modern amenities. The Guest House was renovated during 2002. At present it has 15 AC double rooms and 6 Non-AC double rooms. During 2006 Four VVIP rooms were converted as AC Suits

SVU Guest House :

Officer In-Charge : Sri K.S. Vasu - 2289336 (O)

SVU CONSUMERS' CO-OPERATIVE STORES LTD.

The stores deals with a wide range of consumer goods such as provisions, cosmetics, textiles, stationery, LPG etc. required by students and employees. It is the major supplier of consumer goods to hostels attached to the S.V.University, Agricultural College, Veterinary College and all institutions within the radius of 16 KMs to S.V.University.

Location :	Near SVU Post Office	2248713/2289370
	LPG Stores Showroom	2249558/2248698

ALUMNI

SVU College of Engineering has an Alumni Association started in 1965 and has members spread far and wide, nationally and internationally, occupying eminent positions in various fields and professions. The alumni of the institute have attained top levels as administrators, engineers, industrialists and researchers. Several of the former students have become IAS, IPS IFS officers. Many are working in national and international laboratories and research institutions. A good number of the alumni are in important positions in US, UK, Canada, Australia, New Zealand and other countries.

PLACEMENT CELL

The Placement Cell in S.V.U.College of Engineering has been operational for the last seventeen years, with the dual objectives of imparting preparatory coaching to students and liaisoning with the industry to arrange campus selections. The cell is headed by a Professor, Nominated by the Principal and is manned by an office assistant. This is a student supported activity.

Thanks to the untiring efforts of successive Placement Officers and also to the boom in the software industry, quite a good number of graduates passing out of the college could get excellent placement in their final year itself. Cypress Semiconductor, Yahoo!, Reliance Power, United Online, Infosys, Oracle software, TCS, Wipro, Sonata, Cognizant, CMC, IBM are some of the leading software companies visiting the campus regularly. Some manufacturing companies, both in public and private sector, like Hyderabad Industries, L & T, Intergraph, Infotech, Greentech, Amara Raja picked up students of this college in campus selections in the past.

Placement Officer : Prof. R.V.S. Satyanarayana   9246204470, 2249511

Office Assistant   : Sri P. Siva Kumar

COURSES OFFERED AND OTHER DETAILS

S. No. Department/Course	Year of establish-ment	Degree/Diploma Certificate	No. of Seats
S.V.U. COLLEGE OF ENGINEERING			
1. Under – Graduate Programmes			
◆ Chemical Engg.	1977	B.Tech	60
◆ Civil Engg.	1959	B.Tech	60
◆ Electrical & Electronics Engg.	1959	B.Tech	60
◆ Electronics & Communication Engg.	1971	B.Tech	60
◆ Mechanical Engg.	1959	B.Tech	60
◆ Computer Science & Engg.	1986	B.Tech	60
2. Post – Graduate Programmes			
Chemical Engineering	1993	M.Tech	24
Civil Engineering			
◆ Environmental Engg.	1971	M.Tech	24
◆ Geotechnical Engg.	1971	M.Tech	24
◆ Structural Engg.	1971	M.Tech	24
◆ Water Resource Engg	1971	M.Tech	24
Electrical & Electronics Engg.			
◆ Power Systems	1979	M.Tech	24
Electronics & Communication System			
◆ Communication Systems	1971	M.Tech	24
◆ Signal Processing	2012	M.Tech.	24
Mechanical Engg.			
◆ Industrial Engg.	1971	M.Tech	24
◆ Production Engg.	1999	M.Tech	24
Computer Science & Engg	2005	M.Tech	24

B.TECH (I SEMESTER) (Regular) and
6-Year B.Tech & M.Tech (Dual Degree Program)
ACADEMIC SCHEDULE

Commencement of Class Work	28-07-2017 (Regular) 31-07-2017 (Dual Degree)
Test-I	18-09-2017 to 23-09-2017
Dasara Vacation	27-09-2017 to 03-10-2017
Test-II	13-11-2017 to 18-11-2017
Last Instruction Day	18-11-2017
Practical Exams	18-11-2017 to 25-11-2017
University Exams	27-11-2017 to 11-12-2017

B.TECH (II SEMESTER) (Regular) and
6-Year B.Tech & M.Tech (Dual Degree Program)
ACADEMIC SCHEDULE

Commencement of Class Work	04-01-2018
Pongal Vacation	11-01-2018 to 16-01-2018
Commencement of Test-I	03-03-2018
Commencement of Test-II	23-04-2018
Last Instruction Day	28-04-2018
Practical Exams	30-04-2018 to 05-05-2018
University Exams	07-05-2018 to 19-05-2018

CHAIRPERSONS OF BOARDS OF STUDIES
& HEADS OF DEPARTMENTS

Dept	Chairperson BOS		Head
Ch.E.	Prof. G. Prabhakar		Dr. P. Akhila Swathantra
CE	Prof. G.N. Pradeep Kumar	(PG)	Prof. I.V. Ramana Reddy
	Prof. M. Sri Murali	(UG)	
EEE	Prof. M. Damodara Reddy	(PG)	Prof. A. Lakshmi Devi
	Prof. G.V. Marutheswar	(UG)	
ECE	Prof. T. Venkateswarlu	(PG)	Prof. G. Srinivasulu
	Prof. S. Narayana Reddy	(UG)	
ME	Prof. G. Padmanabhan	(PG)	Prof. P. Venkata Ramaiah
	Sri K. Rajesh Babu	(UG)	
CSE	Prof. P. Venkata Subba Reddy		Dr. Humera Khanam

DEPT. OF CHEMICAL ENGINEERING

1149577, 1189469

MISSION

To be a world class department of Chemical Engineering in effective teaching and knowledge creation which is seamlessly integrated with bordering sciences and committed to ignite and propel young minds with passion for originality, innovation and excellence.

VISION

- To train technically competent and socially aware chemical engineers through innovative and rigorous educational programs to meet technological needs of the society

- To encourage self learning, problem solving, inquisitiveness and team work among students.

- To enable students to develop capabilities needed to perform in multidisciplinary environment.

- To promote industry- institute interaction to nurture collaborative and applied research programs

- To help students develop a well rounded personality with qualities of innovative thinking, leadership, entrepreneurship and ethical mind.

- To create amiable ambience of academics for intellectual pursuit and innovative research.

FACULTY:

Professor

1. Dr.G Prabhakar, - prabhakarg14@gmail.com   9866143523
                                                  2243523

Assistant Professors

2. Dr. P.Akhila Swathanthra - drakhilap@gmail.com   9492549980
3. Dr. B.Sarath Babu - bsarathbabu75@gmail.com   9849568083
                                              2248088, 2289308

DEPT. OF CIVIL ENGINEERING

MISSION

To produce globally competitive and committed Civil Engineers with ethical values to cater to the needs of the society and strive for sustainable development through research and innovation.

VISION

o   To impart quality education with the support of state-of-art infrastructure and faculty.

o   To inculcate inquisitiveness, infuse training and research for the societal development.

o   To address growing needs of sustainable infrastructure development.

o   To provide technical advice and support to the industry.

o   To provide awareness of global economic problems and contribute to nation building.

o   To provide entrepreneurial skills for the upliftment of the country.

Professors

1.	Dr.J.Karthikeyan,	jrkarthikeyan@yahoo.co.in	9490181003 2240025
2.	Dr.P.Mallikarjuna	mallikarjuna-perugu@yahoo.co.in	9441886294, 2245552
3.	Dr.G.N.Pradeep Kumar	saignp@gmail.com	9963069986 2260907
4.	Dr.K.Nagendra Prasad,	kotanp_svu@yahoo.co.in	9676593220 2241226
5.	Dr.K.Mallikarjuna Rao	kmr_svuce@yahoo.com	2240348
6.	Dr.I.V.Ramana Reddy	svshaar4@yahoo.co.in	9849678039 2287469
7.	Dr.M.Sri Murali	msrimurali@yahoo.co.in	9603078920 2254189
8.	Dr.D.V.Satyanarayana Moorthy	dvsmsvu@gmail.com	2242805
9.	Dr.Ch.Sudha Rani	sudhajawahare@gmail.com	9490017047
10.	Dr.D.Venkata Prasad Rao	dvpr@rediffmail.com	9704387674

Assistant Professors

11.	Dr. B.Madhusudana Reddy	srinamasa@gmail.com	9492657516
12.	Ms.S.Aruna Jyothy	aruna_jyothy@yahoo.co.in	9885703524 2243104
13.	Ms.T.Hemalatha	t_hemalata@yahoo.co.in	9640862212 2244620
14.	Sri D.Sreehari Rao	rao1777@gmail.com	9959776569 9885637892
15.	Dr. N.Munilakshmi	nijagalamuni@yahoo.com	9866437937

DEPT. OF ELECTRICAL & ELECTRONICS ENGINEERING

2249900, 2289315

MISSION

The department aims at catering to the needs and aspirations of the people and their development, reach to the world through state of art technologies of Electrical and Electronics Engineering and to serve the society at large

VISION

To provide the necessary domain expertise and infrastructure to the students.

- To make available the advanced laboratories, application oriented engineering principles for students and researchers.

- To offer research and industry orientation to become successful service oriented technocrats.

Professors

1.	Dr.M.Damodar Reddy	mdreddy999@rediffmail.com	9885428847
2.	Dr.G.V.Marutheswar	marutheswargv@rediffmail.com	9701426377
3.	Dr.A.Lakshmi Devi	energylak@yahoo.co.in	9441080884 6453703
4.	Dr.T.Gowri Manohar	gmanohar1973@rediffmail.com	9440474441
5.	Dr. Ch. Chengaiah	chinthapudi_ch@rediff.com	9440403023

Assistant Professors

6.	Dr. V.Usha Reddy	vyza-ushareddy@yahoo.co.in	9441116445
7.	Sri J.N.Chandra Sekhar	chandu.jinka@gmail.com	9177177782

DEPT. OF ELECTRONICS & COMMUNICATION ENGINEERING

2289442, 2249477

MISSION

To be a lead department imparting quality and value embedded higher education and research emphasizing freedom of learning and practice.

VISION

- Transforming students into full-fledged professionals and to become leaders in dynamic global environment.

- Augmenting knowledge and technologies in rapidly advancing fields of Electronics and Communication Engineering.

Professors

1.	Dr. T. Venkateswarlu	warlu57@gmail.com	9490181145
2.	Dr. S. Narayana Reddy	snreddysvu@yahoo.com	9848927815 2230733
3.	Dr. R.V.S. Satyanarayana	v.s.ravinutala@gmail.com	9246204470 2233975
4.	Dr. G. Sreenivasulu-	gunapati_eee@rediffmail.com	9490182693 2248693
5.	Dr. T. Ramashri	rama.jaypee@gmail.com	9346465050
6.	Dr.S.Varadarajan (on lien)	varadasouri@gmail.com	9949300990
7.	Dr.B.Anuradha	anubhuma@yahoo.com	9441028112
8.	Dr. T. SrinivasuluReddy	mettu86@yahoo.co.in	9440415699
9.	Dr. G.Umamaheswara Reddy	umaskit@gmail.com uma-skit@yahoo.com	9177039450

Associate Professor

10.	Smt. S. Swarnalatha	swarnasvu09@gmail.com	9490981637

Assistant Professors

11.	Dr. D. Gowri Sankar Reddy	Reddy-gowri.durgam@gmail.com	8686677877
12.	Dr. I. Kullayamma	ikusuma96@gmail.com	9440488810

DEPT.OF MECHANICAL ENGINEERING   2248377, 2289445

MISSION

To be globally recognized as a center providing high quality education and innovative research in mechanical engineering.

VISION

- Prepare effective and responsible graduate engineers for global requirements.

- Constantly strive to improve pedagogical methods employed in delivering the Mechanical Engineering academic programs.

- Respond effectively to the needs of the industry and changing world.

- Conduct basic and applied research to generate intellectual human capital.

- Cultivate the spirit of entrepreneurship.

Professors

1.	Dr. G. Padmanabhan,	gpnsvuce@yahoo.co.uk	9849505068 2245335
2.	Dr. G. Bhanodaya Reddy	bhanodayareddy_svuce@yahoo.co.in	9848175066, 9391905999, 2288200
3.	Dr. P. Venkataramaiah	pvramaiah@gmail.com	9291602889
4.	Dr. V. Diwakar Reddy	vdrsvuce@gmail.com	9440088282

Associate Professors

5.	Sri K. Rajesh Babu	kadirikotar2000@yahoo.com	2466602

Assistant Professors

6.	Dr. K. Dharma Reddy	kdharmareddy@gmail.com	9494697899
7.	Dr. P. Hema	hema_pothur@yahoo.com	9490247265
8.	Smt. K. Aruna	aruna_svu@yahoo.com	9000109058
9.	Dr. A. Sreenivasulu Reddy	allampati_sr@rediffmail.com	9848252269

DEPT. OF COMPUTER SCIENCE & ENGINEERING   2248869, 2289332

MISSION

To be one of the premier departments for achieving excellence in teaching and research with social responsibility and for producing innovative technical graduates in Computer Science and Engineering.

VISION

- To impart Computer Science and Engineering education by utilizing state of the art computing facilities.

- To inculcateinter-disciplinary approach with reference to academic, industrial and research oriented activities, infusing scholarly inquisitiveness, making an imprint in the technological, economic and social development of the nation.

- To impart quality technical education of international standards in terms of providing adequate exposure to quality & methods, e-technologies and workflow automation in particular.

- To develop adequate expertise within the department, to help and guide all other departments of the institution, constituent and affiliated colleges of the University, dealing with computer science education.

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Professors

1. Dr. K.V.Madhumurthy — kvmmurthy@yahoo.com — 9490507218 2249191
2. Dr.A. Ramamohan Reddy — ramamohansvu@yahoo.co.in — 9849045025 2245995
3. Dr.P.Venkata Subba Reddy — vsrpoli@hotmail.com — 9849308146 3204213
4. Dr. Ch. D.V.Subba Rao — subbarao_chdv@hotmail.com — 9849879861 2248930

Associate Professors

5. Dr. Humera Khanam — humerasvec@yahoo.co.in — 9490923045 2248810

Assistant Professors

6. Ms.N.Usha Rani — usha552@yahoo.com — 9493564899 2288456
7. Sri D.Vivekananda Reddy — vivekanandareddyd@gmail.com — 9441005225, 2244440

Coordinators

PHYSICS
2289472
Dr. O. Mahammad Hussain — 9440249072

CHEMISTRY
2289303
Dr. N.Y. Sreedhar — cvrsvu@gmail.com — 9849605140

MATHEMATICS
2289490
Dr. S. Srinadh — 9490418165

ENGLISH
Dr. T. Sarada — 9441958504

COMMERCE AND MANAGEMENT

PHYSICAL EDUCATION

1. Dr.D.Krishnamurthy — dkmurthypd@email.com — 91441408123

SRI VENKATESWARA UNIVERSITY – TIRUPATI
LIST OF TELEPHONE NUMBERS

Sl. No.	Name of Officer	Office No.	Residence No.	Direct No. (Incoming)
	Vice Chancellor	2249727	2289568	
1.	Vice Chancellor - FAX	2289555		
2.	PA TO VC	2289412	2289421	2289412
3.	PERSONAL ROOM	2289390		
4.	COMPUTER ROOM	534		2289534
5.	VISITOR'S ROOM	535		2289535
6.	VC BUNGLOW GATE			
7.	RECTOR	410	2289559	2289410
8.	REGISTRAR	414	2240570	2289414
9.		545		
10.	OSD TO VC	411		2289411
11.	JOINT REGISTRAR	418		2289418
12.	DEAN, CDC	436		2289436
		2289549		
13.	DEAN UNI.DEV	509		2289509
14.	DY.REGISTRAR	428		2289428
15.	DY.REGISTRAR (F)	431		2289431
16.	DY.REGISTRAR (F)	385		2289385
17.	DY.REGISTRAR (ACA)	429		2289429
18.	DY.REGISTRAR (DEV)	425		2289425
19.	DY.REGISTRAR (SPL)	354		2289354
20.	DY.REGISTRAR (DDE)	434		2289434
21.	C.E.(UG) 2249727	398		2289398

LIST OF CENTRIX TELEPHONE Nos.

Sl. No.	Name of the Department	Internal No.	Direct No. (Incoming)
22.	CONTROLLER OF EXAMS(PG)	499	2289499
23.			2289547
24.			2289548(Fax)
25.	SPL.OFFICER (EVALUATION)	481	2289481
26.	LAW OFFICER	438	2289438
27.	ASST. ADMN. OFFICER (ACD)	409	2289409
28.	ASST. ADMN. OFFICER (ACD)	397	2289397
29.	ASST. ADMN. OFFICER (ADMN)	344	2289344
30.	ASST. ADMN. OFFICER (ADMN)	311	2289311
31.	ASST. ADMN. OFFICER (DEV)	318	2289318
32.	ASST. ADMN. OFFICER (EXAMS)	475	2289475
33.	ASST. ADMN. OFFICER (EXAMS)	395	2289395
34.	ASST. ADMN. OFFICER (EXAMS)	393	2289393
35.	ASST. ADMN. OFFICER (FINANCE)	467	2289467
36.	ADMN. OFFICER (FINANCE)	363	2289363
37.	ADMN. OFFICER (FINANCE)	364	2289364
38.	ADMN. OFFICER (FINANCE)	386	2289386
39.	COMPUTER ROOM (FINANCE)	365	2289365
40.	ADMN.OFFICER (SPL.CELL)	382	2289382
41.	AUDIT OFFICER (LF AUDIT)	433	2289433
42.	AUDIT OFFICER (LF AUDIT)		2289550
43.	PRE-AUDIT OFFICER	417	2289417
44.	AUDIT OFFICER (LF AUDIT)	326	2289326
45.	ACADEMIC SECTION	320	2289320
46.	ACCOUNTS SECTION-1	449	2289449
47.	ACCOUNTS SECTION-2	483	2289483
48.	ESTABLISHMENT SECTION	480	2289480
49.	GAP SECTION	471	2289471
50.	COMPUTER ROOM (ESTT)	437	2289437
51.	DEVELOPMENT SECTION	335	2289335
52.	EXAM SECTION (B.COM)	482	2289482
53.	EXAM SECTION (B-9)	399	2289399
54.	EXAM SECTION (B-6)	330	2289330
55.	EXAM SECTION (B-7/8)	396	2289396
56.	RECEPTION COUNTER	353	2289353
57.	COMPUTER ROOM (EXAMS)	478	2289478
58.	DESPATCH(EXAMS)	342	2289342
59.	SECURITY OFFICER	430	2289430
60.	SECURITY OFFICER		2289551
61.	SECURITY OFFICER(FRSI)	510	2289510
62.	S.V.U.N.T.ASSOCIATION	486	2289486
63.	LIFT	508	2289508

Sl. No.	Name of the Department	Internal No.	Direct No. (Incoming)
64.	UNIVERSITY ENGINEER	419	2289419
65.	UNIVERSITY ENGINEER		
66.	ASST.ADMN.OFFICER(ENGG)	331	2289546
67.	ENGINEERING SECTION	488	2289331
68.	EXECUTIVE STAFF ROOM	356	2289488
69.	DRAWING SECTION	378	2289356
70.	TRANSPORT SECTION	403	2289378
71.	DY. EXE. ENGINEER-1	373	2289403
72.	DY. EXE. ENGINEER-2	374	2289373
73.	DY. EXE. ENGINEER-3	383	2289374
74.	CONTROL ROOM	420	2289383
75.	TECHNICIAN, A & V (SECTION)	355	2289420
76.	WATER WORKS SECTION	329	2289355
77.	A.P.COUNCELLING	405	2289329
78.	S.V.AUDITORIUM	466	2289405
79.	NURSARY SCHOOL	388	2289466
80.	S.V.U.HOUSE	426	2289388
81.	S.V.U.HOUSE	432	2289426
82.	S.V.U.HOUSE	336	2289432
83.	S.V.U.HOUSE	2289560	2289336
84.	S.V.U. TEACHER'S ASSOCIATION	494	2289560
85.	S.V.U. TEACHER'S WEAKERS ASSN.	352	2289494
86.	PRE-EXAMS TRAINING CENTRE	337	2289352
87.	S.V.U.HOSTEL ASSOCIATION	387	2289337
88.	DRIVERS ROOM	371	2289387
89.	MAINTENANCE SECTION	359	2289371
90.	SVU CAMPUS POST OFFICE	439	2289359
91.	SVU COMPUTER CENTRE	427	2289439
92.	U S I C	446	2289427
93.	HOSTEL OFFICE FOR WOMEN	325	2289446
94.	PRINCIPAL, S.V.U.C OF ARTS	538	2289325
95.	ECONOMETRICS	484	2289538
96.	ECONOMICS	443	2289484
97.	FINE ARTS (GLASS HOUSE)	334	2289443
98.	DEPT.OF LAW	489	2289334
99.	POLITICAL SCIENCES	317	2289489
100.	POPUATION STUDIES	316	2289317
101.	SOCIOLOGY	462	2289316
102.	COMPUTER ROOM (ARTS)	392	2289462
103.	PRINCIPAL, SVUC BE SCIENCES	541	2289392
104.	ANTHROPOLOGY	463	2289541
105	BIO-CHEMISTRY	495	2289463
106.	BIO-TECHNOLOGY	361	2289495
107.	BOTANY	485	2289361
			2289485

Sl. No.	Name of the Department	Internal No.	Direct No. (Incoming)
108.	AQUA CULTURE	366	2289366
109.	GEOGRAPHY	456	2289456
110.	PROF. HANUMANTHU	384	2289384
111.	GEOLOGY	451	2289451
112.	HOME SCIENCE	444	2289444
113.	M L T CENTRE	441	2289441
114.	PSYCHOLOGY	309	2289309
115.	VIROLOGY	452	2289452
116.	ZOOLOGY	304	2289304
117.	PRINCIPAL, SVU CCMI SCIENCES	539	2289539
118.	COMMERCE	461	2289461
119.	MCA	312	2289312
120.	LIBRARY & INFOR. SCIENCES	314	2289314
121.	MBA	492	2289492
122.	PRINCIPAL, SVU CEE STUDIES	542	2289542
123.	ADULT EDUCATION	465	2289465
124.	EDUCATION	460	2289460
125.	PHY.EDUCATION	455	2289455
126.	PRINCIPAL, IASE	367	2289367
127.	PRINCIPAL, SVUC HUMANITIES	416	2289416
128.	VICE - PRINCIPAL	522	2289522
129.	ENGLISH	496	2289496
130.	HINDI	458	2289458
131.	LANGUISTICS	376	2289376
132.	PHILOSOPHY	327	2289327
133.	SANSKRIT	440	2289440
134.	TAMIL	457	2289457
135.	TELUGU	307	2289307
136.	URDU	453	2289453
137.	PRINCIPAL,SVUC INTER. STUDIES	543	2289543
138.	VICE - PRINCIPAL	450	2289450
139.	ANCIENT INDIAN HISTORY	512	2289512
140.	CENTRE FOR GANDHIAN STUDIES	343	2289343
141.	HISTORY	300	2289300
142.	HUMAN RIGHTS	375	2289375
143.	INDO - CHINA	319	2289319
144.	PRINCIPAL, SVUCM & PHYSICS	540	2289540
145.	VICE - PRINCIPAL	511	2289511
146.	MST RADAR	348	2289348
147.	CHEMISTRY	303	2289303
148.	ENVIRONMENTAL SCIENCES	497	2289497
149.	MATHS	490	2289490
150.	COMPUTER ROOM (MATHS)	381	2289381
151.	PHYSICS	472	2289472

Sl. No.	Name of the Department	Internal No.	Direct No. (Incoming)
152.	STATISTICS	305	2289305
153.	ORI	491	2289491
154.	DDE OFFICE	477	2289477
155.	DDE Office - FAX		2289554
156.	PUBLIC RELATIONS OFFICER	380	2289380
157.	SENIOR MEDICAL OFFICER	422	2289422
158.	SENIOR MEDICAL OFFICER	543	2289543
159.	JUNIOR MEDICAL OFFICER	358	2289358
160.	JUNIOR MEDICAL OFFICER(RES)	423	2289423
161.	JUNIOR MEDICAL OFFICER	518	2289518
162.	HEALTH CENTRE (OFFICE)	360	2289360
163.	ACADEMIC STAFF COLLEGE	328	2289328
164.	ACADEMIC STAFF COLLEGE	513	2289513
165.	MANAGER, SVU PRESS	324	2289324
166.	MANAGER, (RESIDENCE)	435	2289435
167.	SVU CO-OP CONS. STORES	370	2289370
168.	SVU CO-OP CONS. GAS	515	2289515
169.	SVU LIBRARIAN	322	2289322
170.	SVU LIBRARY COUNTER	310	2289310
171.	DIGITAL LIBRARY	473	2289473
172.	NSS CO-ORDINATOR	413	2289413
173.	NSS OFFICE	369	2289369
174.	DIRECTORATE OF ADMISSIONS	346	2289346
175.	STATE BANK OF INDIA	347	2289347
176.	ANDHRA BANK	415	2289415
177.	ANDHRA BANK NET	389	2289389
178.	SVU POLICE STATION	340	2289340
179.	PROF.C.M.RAO	372	2289372
180.	PRINCIPAL SVUC OF ENGG.		2289561
181.	FAX		2289562
182.	VICE-PRINCIPAL	350	2289350
183.	SVUC OF ENGG. OFFICE	341	2289341
184.	ASST.ADMN.OFFICER	523	2289523
185.	EXAMINATION CELL	321	2289321
186.	CHEMICAL	469	2289469
187.	CIVIL	308	2289308
188.	E. E. E.	315	2289315
189.	E. C. E.	442	2289442
190.	C.S.E	332	2289332
191	MECHANICAL	445	2289445
192.	COLLEGE COMPUTER CENTRE.	323	2289323
193.	COLLEGE COMPUTER		2248338
194.	BOOK-BANK	474	2289474

PROHIBITION OF RAGGING IN EDUCATIONAL INSTITUTIONS
Act 26 of 1997
SALIENT FEATURES

\# Ragging within or outside any Educational Institution is prohibited

\# Ragging Means doing an Act which causes or is likely to cause insult or annoyance or fear or apprehension or threat or intimidation or outrage of modesty or injury to a student.

Nature of Ragging	Punishment
1. Teasing, Embarrassing and Humiliating	Imprisonment upto 6 months or fine upto Rs.1,000/- or Both
2. Assaulting or using criminal force or intimidation.	Imprisonment upto 1 year or fine Criminal upto Rs.2,000/- or both
3. Wrongfully restraining or confining or fineConfining or causing hurt	Imprisonment upto 2 year or upto Rs.5,000/- or both
4. Causing grievous hurt, Kidnapping or or committing unnatural offence	Imprisonment upto 2 years or fine Rape up to Rs.10,000/-
5. Causing death or abetting suicide	Imprisonment upto 10 years and fine upto Rs. 50,000/-

Note:

1. A student convicted of any or the above offences, will be expelled from the College.

2. A student imprisoned for more than six months for any of the above offences will not be admitted in any other college.

3. A student against whom there is prima facie evidence of ragging in any form will be suspended from the college immediately.

Prohibition of ragging

Please Note:

1. Ragging is prohibited as per Act 26 of A.P.Legislative Assembly, 1997.

2. Ragging entails heavy fines and/or imprisonment.

3. Ragging invokes suspension and dismissal from the College

4. Outsiders are prohibited from entering the College and Hostels without permission.

5. Girl Students must be in their Hostel Rooms by 6-30 p.m.

6. All the students must carry their Identity Cards and show them when demanded.

7. The Principal and the Wardens may visit the Hostels and Inspect the rooms any time.

PRINCIPAL

RIGHT TO INFORMATION ACT (RTI)

The RIGHT TO INFORMATION ACT, an act of parliament by Ministry of Law And Justice (Legislative Department) came into existence form 21/06/2005.

An act to provide for setting out practical regime of right to information for citizens to secure access to information under the control of public authorities, in order to promote transparency and accountability in the working of every public authority, the constitution of a central information commission and state information commission and for the matters concerned therewith or incidental thereto.

Any citizen (citizens) seek information by paying 50/- by Indian postal order in favour of The Principal, Sri Venkateswara University College of Engineering, Tirupati through RTA.

Secrecy will be maintained regarding the citizen (citizens) seeking information.

Prof. G. Padmanabhan, Public Information Officer	9491012899
Smt. S.Swarnalatha, RTA coordinator	9490981637

SVUCE Men's Hostels :

Sri Venkateswara University College of Engineering (SVUCE), Tiruapti is a premier institute and provides accommodation to students wishing to reside in the hostels. The SVUCE Men's hostels are administered by a Warden and four Deputy Wardens, who are the faculty members of the SVUCE. The Hostel Office is located within the SVUCE premises with one Office Superintendent, Junior Assistants and two Attenders. The hostel office is open on all working days.

The following faculty members are administrative officers for the hostels and messes:

Name	Designation	Contact No
Prof. G. Padmanabhan	Principal-cum-Chief Warden	9491012899
Prof. D.V. Satyanarayana Murthy	Warden, SVUCE Hostels	9490109219
Prof. G.V. Marutheswar Professor, Dept. of EEE	Dy. Warden (Maintenance)	9701426377
Dr. B. Madhusudhan Reddy Assistant Professor, Dept. of CE	Dy. Warden (Stores)	94926 57516
Prof. V. Diwakar Reddy Professor, Dept. of ME	Dy. Warden (Visveswara Mess)	9440088282
Prof. T. Gowri Manohar Professor, Dept. of EEE	Dy. Warden (Viswakarma Mess)	9440474441

Fee structure at the time of joining Hostels :

S.No	Nature of Fee	Amount	Name of the Account and A/C No.
1.	**Hostel Development Fee** (Non Refundable-only once)	**Rs. 4,000/-**	Students Caution Deposit / Development Fund A/C No. : 103210083013909
2.	Hostel Application Fee (Non Refundable-only once)	**Rs. 200/-**	The Warden Miscellaneous Account A/C No. : 103210083051212
3.	**Hostel Caution Deposit :** (Refundable - only once)	**Rs. 5,000/-**	The Warden SVUCE A/C No. : 103210083051212
4.	**Mess Advance (adjustable)** amount (annually)	**Rs. 25,000/-**	The Warden SVUCE A/C No. : 103210083051212
	Total amount (At the time of admission)	**Rs. 34,200/-**	

Mess Bills :

1. Mess Bills : Monthly Mess bills and balance Mess Advance (adjustable)amount will be displayed on or before 21st of every month in the notice board of the respective blocks in the Hostels.

2. The Students have to pay through **Challan** in the respective Warden Annount in Andhra Bank, SVU Engineering College, Extn. Counter, at S.V. University College of Engineering, SVU Campus, Tirupati-517502 only.

SVUCE Men's Hostels - Rules and Regulations In Brief

1. Every student must foster and maintain a vibrant academic, intellectual, spiritual, cultural and social atmosphere, which is consistent with the Vision and Mission of the SVUCE. The students should must adhere to the Rules and Regulations of the S.V. University College of Engineering and discharge your responsibilities as a student with diligence, decency, discipline, fidelity and honour. Maintain S.V. University as a place of learning and an exclusive academic zone.

2. Smoking, possessing / consuming alcoholic drinks, physical assault, damage to property, possession of weapons, or bursting of fire crackers etc., are strictly prohibited. Any student, who is found to be indulging in such undesirable activities shall be severely dealt with and will be liable to be summarily punished.

3. RAGGING is a crime, prohibited under law. Ragging in any form is strictly prohibited. Ragging in any form by any student will make him liable for expulsion/punishment as per A.P. Prohibition of Ragging Act, 1997 (Act 26 of 1997), UGC Regulations on Curbing the Menace of Ragging in Higher Educational Institutions, 2009 and subsequent Supreme Court verdict. Any such incident will be reported, investigated and those found guilty will be punished severely.

4. Students are strictly prohibited from pasting Photos / pictures / posters anywhere including in their rooms. The rooms and surrounding area should be kept clean and in a hygienic state.

5. Students are not permitted to take food outside the dining hall on any account whatsoever it may be.

6. The rooms should be locked whenever the students are away and the room keys should not be given to anyone else. If any student goes out of station on long medical / other leave, he must inform to the hostel authorities.

7. Students should not hold any meetings or congregation or birthday celebrations in the hostel premises, students should not play cricket within the hostel blocks, without permission of the Warden or Chief-Warden.

8. Students are advised not to keep costly personal items. Personal Computers, Laptops or any other personal electronic gadget can be used in rooms for academic use with prior permission and approved from the Warden. The Hostel Management does not accept any liability for the property left in the rooms.

9. Hostel furniture shall not be removed from one room to another under any circumstance. Students are responsible for the care of furniture and fittings in their respective rooms. In case of damage or loss of hostel property, the cost will be recovered from the students responsible for such damage or loss, if identified, or from all the students of the hostels, as decided by the Warden.

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10. Any issues / problems of the boarders should be brought to the notice of the Warden / Dy. Wardens concerned in WRITING. Residents should strictly avoid any arguments with employees. Any complaint against the employees should be made to the Warden / Dy. Wardens concerned in WRITING.

11. A guest (parents or other close relatives) of the student can avail the boarding / lodging facilities in hostels. The guest can be permitted only if the prior permission is obtained from the Warden or Dy. Warden (Maintenance) by taking a guest room.

12. Entertaining unauthorized guests / boarders will be dealt with severe punishment including expulsion from the hostel. Unauthorized guests / boarders will endanger conviction under section - 447, 448 of I.P.C.

13. The hostel inmates are required to deposit mess fee in advance (adjustable) for mess bills as per instructions.

14. Any resident of the hostels is liable for expulsion from the hostels for any mis-behaviour, violation of hostel rules or default in payment of mess bills.

15. The inmates should be in their rooms by 09.00 PM without fail. The rooms are liable for inspection by the authorities at any time. The Administration reserves the right to change the rules or introduce new rules, from time to time as and when necessary.

16. Every student should render hostel service for two full days in an academic year (one day per sem.) for supervision of mess to improve the quality of food / monitoring of CCTVs to improve security / to look maintenance of water and sanitary etc.

4. MESS SCHEDULE

4.1.1 The normal meal timings are as below. Students shall adhere to these timings strictly:

Breakfast	Working Days	:	6.45 AM to 9:00 AM
	Holidays	:	7:00 AM to 9:00 AM
Lunch	Working Days	:	I Year: 11.45 AM to 12:30 PM
			Others: 12:.30 PM to 02.00 PM
	Holidays	:	12.00 PM to 02:00 PM
Dinner	Working days/Holidays	:	I Year: 06:45 PM to 7.30 PM
			Others: 07:.30 PM to 09.00 PM

The dining halls will be closed after the meal hours as above. Changes, as required may be made periodically and the timings in force will be displayed in the Notice Boards.

4.1.2. Members desirous of changing from vegetarian to non-vegetarian or vice-versa shall intimate in writing to the Steward two days before the first day of a month. Change will not be allowed in the middle of the month.

4.1.3.No Meal or Tiffin shall be allowed to be carried outside the dining hall. No outside food is permitted to be brought inside the Hostel premises.

4.2.1.No Dues Certificate:

(i) No students shall be issued hall tickets for taking the university examination without the production of No Dues certificate or Permission letter from Warden. Research Scholars cannot submit their Ph.D. /M.Tech/B.Tech thesis without obtaining No dues certificates from the hostel office. On the knowledge of any violation of this rule, the hostel authorities have the right to take necessary steps to stall the process of adjudication of the thesis.

(ii) Application of the candidates who have dues to the hostels will not be considered either for admission or re-admission.

(iii) No dues certificate will be issued to students on complete payment of bills and production of vacation report from the Warden or Dy. Wardens concerned.

(iv) No due certificate shall be issued in the hostel office 15 days before the commencement of the university examination. Issue of no dues will be stopped three days before the commencement of the examination.

(v) No dues certificate is only provisional. Authorities reserve the right to collect the dues, if any from the ex-members in case the same is noticed at a later date.

(vi) If a member becomes default for non- payment of the mess dues for three months or more, action will be taken for the collection of dues through the court of law. Expenditure incurred in this connection will recovered from the concerned in full.

PARENTS AND GUEST VISITS

Parents or authorized local guardians may meet the students inside the hostel premises for brief periods.

If parents wish to spend extended durations in the campus, students may seek accommodation in the Guest Rooms, an application for which must be made to the warden in advance and approval be obtained. Charges will be applicable for all such stays.

A guest (parents or close relatives) of the student can avail the boarding / lodging facilities in hostels. The guest can be permitted only if the prior permission is obtained from the Warden or Dy. Warden (Maintenance). A guest may be permitted to stay in Guest rooms available in hostel blocks for not more than **three** days on payment of necessary

charges and submitted the same at the hostel office. For this purpose every person other than resident of the hostel will be considered as a guest.

Guest Room and Mess Charges for the Guests / Alumni as follows:

S. No.	Nature of Guest	Guest Room Charges per day	Mess charges per day	Charge for Lunch / Dinner
1.	Guest	Rs. 150/-	Rs. 150/-	Rs. 60/-
2.	Alumni	Rs. 150/-	Rs. 125/-	Rs. 60/-

MEDICAL FACILITIES

The Health centre (Out-patient counter) works as follows:

On all working days   07.45 A.M to 10.45 A.M

                             04.00 P.M to 06.00 P.M

Sunday and other public holiday   07.45 A.M to 10.45A.M

After College hours if a student falls sick he should inform the steward of his mess, who will contact the SVU Health Centre staff nurse or Doctor. If required, the patient will be referred to SVIMS or SVRR Hospital, Tirupati.

In case of any emergency, the students will be referred to SVIMS Hospital/ any other suitable nearby hospital. SVIMS Hospital is well equipped and facilities are available round the clock.

Students proceeding on Medical Leave from the campus should produce the Medical Certificate issued by the SVU Medical Officer at the time of their leaving and shall get a medical fitness certificate from a Registered Medical practitioner, while returning.

In case of any such illness needing to go home for treatment, information on leaving the mess should be made available to the Hostel office and an application for mess reduction submitted within the next two days.

An ambulance service of SVU Health Centre at nominal cost is available. Use of ambulance for movements of students to hospitals is on chargeable basis.

Mission of the Institute

To be recognized as a premier institution offering Engineering Education programs, training human resources oriented to problem solving and system development.

To carry out research in Engineering and Technology relevant to all segments of society.

To assume leadership in sustainable technological growth of the Indian society.

To be a natural destination for excellence and diversity in thought and practice.