



SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE

(An Autonomous Institution)

Puducherry - 605 107

ACADEMIC CALENDAR

2022-2023

I SEM

Use of Cell Phones

It has been decided **not to permit cell phones inside the college campus**. If any student is found using the cell phone inside the college campus, it would be confiscated and will not be returned back on any circumstances. Hence the students are instructed not to attend the college with the mobile phones.

Dress Code

The students are requested to attend the college neatly dressed. While the male students should attend the college with the shirts neatly tucked in and with the shoes, the female students are permitted to come with churidar and dupatta properly pinned. Students wearing full hand shirts should wear it as such without folding it to half etc. Casual wears like jeans, T-shirts etc., both for boys and girls are strictly prohibited inside the campus. Each department has prescribed uniforms for the labs. The students are requested to strictly adhere to the dress codes as well as the rules and regulations of the college.

Maintenance of Discipline

Discipline is an important factor that shapes one's personality. It is considered as a golden key capable of opening many doors. This institution expects each and every student to follow the rules and regulations in total. Maintaining discipline in the campus will promote a conducive environment for studies.

Working hours

I hour	08.45 a.m	to	09.35 a.m
II hour	09.35 a.m	to	10.25 a.m
III hour	10.25 a.m	to	11.15 a.m
Break	11.15 a.m	to	11.30 a.m
IV hour	11.30 a.m	to	12.20 p.m
V hour	12.20 p.m	to	01.10 p.m
VI hour	01.50 p.m	to	02.40 p.m
VII hour	02.40 p.m	to	03.30 p.m
VIII hour	03.30 p.m	to	04.20 p.m

Lunch break 1.10 p.m. to 1.50 p.m.

SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE

An Autonomous Institution

(Accredited by NBA-AICTE, New Delhi, NAAC with "A" Grade)

Madagadipet, Puducherry - 605 107



Academic Calendar

October 2022 to March 2023

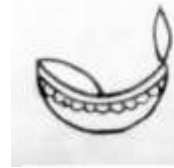
Name :

Programme : B.Tech.

Department : Computer Science and Business Systems

Year / Sem : I Year / I Semester

நீங்கள்



அன்பு வரப்புகள், யாருக்கும் அடிமைப்பாடுகள்;
இரக்கம் காட்டுங்கள், எவ்விதத் தீர்ப்பும் ஏமாந்துவிடாதீர்கள்;
பணிவைப் போற்றுகங்கள், இந்த நிலையிலும் கோழியாகாதீர்கள்;
கண்டிப்பாக இருங்கள், எப்போதும் கோபப்படுத்தீர்கள்;
சிக்கனமாக வாழ்கங்கள், கருமியாக மாறுதீர்கள்;
விரமக இருங்கள், போக்சிசிகளாக மாறுதீர்கள்;
கறகறப்பாக இருங்கள், பதும் அடையாதீர்கள்;
வாருளைத் தேடுங்கள், பேராசைப் படுத்தீர்கள்;
உழைப்பை நம்புகங்கள், உறுப்படுவீர்கள்;
உண்மையை நம்புகங்கள், உயர்வடைவீர்கள்!

என்றும் அன்புடன்
ஆசிரியர்கள்.

About Autonomous

Sri Manakula Vinayagar Engineering College has been conferred with Autonomous Status by the University Grants Commission on 26th September 2019 and the same was approved by Pondicherry University on 19th June 2020. SMVEC Autonomous Regulations R2020 is followed for the students admitted from the Academic Year 2020-21 onwards.

Awards and Credentials

Our Institution got many awards and credentials since its inception. Some of the credentials achieved during the academic Years 2020-21 and 2021-22 are :

- ❖ Data Quest ranked in 46th position among the top 100 Technical schools overall in India 2021-22
- ❖ Winner of International Blockchain skill summit hackathon 2022
- ❖ Winner of Unisys Innovation (Y13) 2022
- ❖ Winner of Smar India Hackathon - 2022
- ❖ Winner of Virtusa Jatayu - 2022
- ❖ 4-Star rating from IIC-MHRD Innovation Council, New delhi
- ❖ ATAL Ranking award - ARIIA 2021 ranked in the “Excellent Band Category”
- ❖ Edufuture Excellence award and e-campus Award from Zee News - 2021
- ❖ Virtusa Campus Partner
- ❖ Best Engineering College from National Educational Excellence Award

HIGHLIGHTS OF SMVECAUTONOMOUSREGULATIONS

- ❖ Industry 4.0 ready curriculum
- ❖ Focus on Multidisciplinary and skill development courses to create extensive career opportunities
- ❖ Certifications Courses
- ❖ Internships
- ❖ Orientation towards entrepreneurship
- ❖ Choice to learn IELTS / Foreign Languages
- ❖ Supplementary Examination in 5th and 8th semester for the students having maximum of 2 arrears

Certification Courses

We provide 91 International Associate level Certification courses through 17 Centre of Excellences from IBM, Google, Cisco, Microsoft, Autodesk, Texas instruments, Festo, Bentley, Schneider Electric, Amazon web services, Siemens, Tally, DELL, EMC, Harita Techserv, PTC, LN and Excellence in Technology & Didactic solutions. All students should enrol in one certification course from semester I to VI.

Industrial Training / Internship

Students may undergo training or internship during summer / winter vacation at an Industry/ Research organization. Students are also permitted to undergo internships during their eighth semester after the completion of theory classes.

March 2023

Date	Day	Schedule	Working day/ Holiday
1	Wed	End Semester Practical Exam Starts	
2	Thu		
3	Fri		
4	Sat		
5	Sun		Holiday
6	Mon	Value Added Course – III Start	
7	Tue		
8	Wed		
9	Thu	Value Added Course – III End	
10	Fri		
11	Sat	End Semester Practical Exam Ends	
12	Sun		Holiday
13	Mon		
14	Tue		
15	Wed		
16	Thu		
17	Fri		
18	Sat		
19	Sun		Holiday
20	Mon		
21	Tue		
22	Wed		
23	Thu	End Semester Theory Exam Starts	
24	Fri		
25	Sat		
26	Sun		Holiday
27	Mon		
28	Tue		
29	Wed		
30	Thu		
31	Fri		
Total number of working days :			
Total number of holidays :			

February 2023

Date	Day	Schedule	Working day/ Holiday
1	Wed		77
2	Thu		78
3	Fri	Assignment - III	79
4	Sat	Syllabus coverage and Submission	80
5	Sun		Holiday
6	Mon	Model Exam starts (5 Units)	81
7	Tue		82
8	Wed		83
9	Thu		84
10	Fri	Model Exam ends	85
11	Sat	Submission of Attendance and Assessment-III	86
12	Sun		Holiday
13	Mon	Value Added Course – II Start	87
14	Tue		88
15	Wed		89
16	Thu	Value Added Course – II End	90
17	Fri		
18	Sat		
19	Sun		Holiday
20	Mon	Model practical starts	
21	Tue		
22	Wed		
23	Thu		
24	Fri		
25	Sat		
26	Sun		Holiday
27	Mon		
28	Tue	Model practical ends	

Total number of working days : 14
Total number of holidays : 02

SRI MANAKULAVINAYAGAR ENGINEERING COLLEGE

VISION

To be globally recognized for excellence in quality education, innovation and research for the transformation of lives to serve the society.

MISSION

- M1: Quality Education:** To provide comprehensive academic system that amalgamates the cutting edge technologies with best practices.
- M2: Research and Innovation:** To foster value-based research and innovation in collaboration with industries and institutions globally for creating intellectuals with new avenues.
- M3: Employability and Entrepreneurship:** To inculcate the employability and entrepreneurial skills through value and skill based training.
- M4: Ethical Values:** To instill deep sense of human values by blending societal righteousness with academic professionalism for the growth of society.

DEPARTMENT OF COMPUTER SCIENCE AND BUSINESS SYSTEMS

VISION

To envision the technology and business trends in this domain and to create technically competent professionals for meeting out the needs globally

MISSION

- M1:** To foster knowledge sharing through contemporary curriculum and creative teaching learning process
- M2:** To impart strong computer and business skills to shine and sustain in the agile IT industry
- M3:** To promote technocrats with rich expertise in innovation and research
- M4:** To instill moral values and ethical responsibilities by empowering graduates to be socially responsible

PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)

PEO1: To apply computer science and business concepts to solve the real world problems

PEO2: To develop professional skills in contemporary areas of computer science and business systems to obtain employability and pursue higher education

PEO3: To reconcile business demands with state-of-the art technologies by providing innovative solutions and insightful decisions

PEO4: To ensure ample growth with social and ethical responsibilities

PROGRAMME SPECIFIC OUTCOMES (PSOs)

PSO1: Ability to gain deep knowledge in Computer Science with equal appreciation in humanities, management, sciences and human values.

PSO2: Ability to demonstrate the technical and business skills and provide solutions for the societal needs

PSO3: Ability to engage lifelong learning and bestow innovative contributions to enhance research in the field of computer science and business system

January 2023

Date	Day	Schedule	Working day/ Holiday
1	Sun	New Year	Holiday
2	Mon	Syllabus coverage and Submission	55
3	Tue	CAT - II (1½ units)	56
4	Wed		57
5	Thu		58
6	Fri		59
7	Sat		60
8	Sun		Holiday
9	Mon		61
10	Tue		62
11	Wed		63
12	Thu	Submission of Attendance and Assessment-II	64
13	Fri	CAT- II Result Analysis and Report Submission	65
14	Sat		Holiday
15	Sun	Pongal	Holiday
16	Mon	Uzhavar Thirunal	Holiday
17	Tue	Thiruvalluvar Day	Holiday
18	Wed		66
19	Thu		67
20	Fri		68
21	Sat		69
22	Sun		Holiday
23	Mon		70
24	Tue		71
25	Wed		72
26	Thu	Republic Day	Holiday
27	Fri		73
28	Sat		74
29	Sun		Holiday
30	Mon	Online Feedback-3 from the students and Analysis	75
31	Tue	QCM - 3	76
Total number of working days : 22			
Total number of holidays : 09			

December 2022

Date	Day	Schedule	Working day/ Holiday
1	Thu	Assignment - I	29
2	Fri		30
3	Sat	Syllabus coverage and Submission/ SCC/GP/Seminar/GL/Placement	31
4	Sun		Holiday
5	Mon	CAT I (1½ units)	32
6	Tue		33
7	Wed		34
8	Thu		35
9	Fri		36
10	Sat	GL / Placement / Academic Activities	37
11	Sun		Holiday
12	Mon	Submission of Attendance and Assessment-I	38
13	Tue		39
14	Wed		40
15	Thu	CAT- I Result Analysis and Report Submission	41
16	Fri		42
17	Sat		Holiday
18	Sun		Holiday
19	Mon		43
20	Tue		44
21	Wed		45
22	Thu		46
23	Fri		47
24	Sat	Special coaching class / GP / Seminar / GL / Placement / Academic Activities	48
25	Sun	Christmas	Holiday
26	Mon	Online Feedback-2 from the students and Analysis	49
27	Tue	QCM - 2	50
28	Wed		51
29	Thu		52
30	Fri	Assignment - II	53
31	Sat	Special coaching class / GP / Seminar / GL / Placement / Academic Activities	54
Total number of working days : 26			
Total number of holidays : 05			

PROGRAM OUTCOMES (POs)

Engineering graduates will be able to

- PO1: Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.
- PO2: Problem analysis:** Identify, formulate, review, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.
- PO3: Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety and the cultural, societal and environmental considerations.
- PO4: Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data and synthesis of the information to provide valid conclusions.
- PO5: Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
- PO6: The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- PO7: Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of and need for sustainable development.
- PO8 : Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- PO9: Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams and in multidisciplinary settings.
- PO10: Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- PO11: Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- PO12: Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Supplementary Examinations

Supplementary examination is an additional examination conducted within a month of time after declaring the results of end semester examination. In order to complete the program within 4 years, the student with maximum of two arrears will be permitted to appear for supplementary examination. The supplementary examination will be conducted in fifth and eighth semester only. For supplementary examination, the continuous assessment marks of the last attempt will be considered.

Re-earn of Continuous Assessment Mark (CAM)

In the first attempt of writing the End Semester Examination of a course if a student fails, he / she can retain the existing CAM and proceeds to write the supplementary exams / End Semester Examinations as and when they are conducted. If a student wishes to re-earn the continuous assessment Marks (CAM), he / she has to re-register by paying the prescribed fee for the course when it is offered next in the subsequent academic year. The student has to re-earn the CAM by taking up all the internal tests, assignments and presentation as per the norms of regulations clause 7.2.

Benefits

- ❖ More number of students will receive the degree within the stipulated time
- ❖ Industries prefer to recruit students with no standing arrears. If the supplementary examinations are conducted then more number of students will be eligible for the recruitment
- ❖ **Photo copy of answer book**

After the publication of the result, photocopy of the answer booklet shall be provided to the student on request with stipulated fee fixed by the College from time to time

Requirements for Appearing End Semester Examination

A student is expected to maintain 100% attendance in all courses as attendance also carries internal marks (Clause 10.3). A student will be qualified to appear for end semester examinations in a particular course of a semester only if he/she satisfies the below mentioned requirements.

The student is permitted to appear for End Semester Examinations, only if he/she maintains minimum 75% of attendance. If he/she secured attendance greater than or equal to 60 % and less than 75% in any course in the current semester can be considered in case of the following reasons:

- i. Medical reasons (hospitalization / accident and or illness)
- ii. Due to participation in sports events or any competitions or NCC / NSS activities with prior written permission from the Head of the Institution / Dean Academics through the Head of the Department

He/she has to pay the necessary condonation prescribed by the college authority with necessary supporting documents for his/her absence.

November 2022

Date	Day	Schedule	Working day/ Holiday
1	Tue	Puducherry Liberation Day	Holiday
2	Wed	Value Added Course – I Start (6pm)	5
3	Thu		6
4	Fri		7
5	Sat		8
6	Sun		Holiday
7	Mon		9
8	Tue		10
9	Wed		11
10	Thu	AICTE Induction Programs ends	12
11	Fri	Regular Classes starts/ Value Added Course – I End (9pm)	13
12	Sat	Special coaching class / GP / Seminar / GL / Placement / Academic Activities	14
13	Sun		Holiday
14	Mon		15
15	Tue		16
16	Wed		17
17	Thu		18
18	Fri		19
19	Sat		Holiday
20	Sun		Holiday
21	Mon		20
22	Tue		21
23	Wed		22
24	Thu		23
25	Fri		24
26	Sat	Online Feedback-1 from the students and Analysis	25
27	Sun		Holiday
28	Mon	QCM - 1	26
29	Tue		27
30	Wed		28
Total number of working days : 24			

October 2022

Date	Day	Schedule	Working day/ Holiday
1	Sat		
2	Sun	Gandhi Jayanthi	Holiday
3	Mon		
4	Tue	Saraswathi Pooja	Holiday
5	Wed	Vijayadashami	Holiday
6	Thu		
7	Fri		
8	Sat		
9	Sun		Holiday
10	Mon		
11	Tue		
12	Wed		
13	Thu		
14	Fri		
15	Sat		
16	Sun		Holiday
17	Mon		
18	Tue		
19	Wed		
20	Thu		
21	Fri	First year Induction Day	
22	Sat		Holiday
23	Sun		Holiday
24	Mon	Deepavali	Holiday
25	Tue		
26	Wed		
27	Thu	AICTE Induction Programs starts	1
28	Fri		2
29	Sat		3
30	Sun		Holiday
31	Mon		4
Total number of working days : 04			
Total number of holidays : 01			

- ❖ The student shall be considered for exemption from the prescribed attendance requirement for the reasons stated above and if exempted, the student shall be permitted to appear for the end semester examination of that course. In all such cases, the students should have submitted the required documents on joining after the absence, to the Head of the Department through the Class Advisor.
- ❖ If any student is suspended for any reason during the semester, the days of suspension of a student on disciplinary grounds will be considered as days of absence for calculating the percentage of attendance for each individual course.

Provision for Withdrawal from Examination

- ❖ **Complete Withdrawal (applicable only for nil arrear students):** A student, who is eligible to appear for the semester examinations, will be permitted to withdraw from appearing for the entire End Semester Examinations as one unit (*Complete Withdrawal*) for valid reasons and on the recommendation of the Head of the Department and with the approval of the Dean Academics. Complete Withdrawal application shall be made before the commencement of the first examination pertaining to the semester. Such withdrawal shall be permitted **only once** during the entire programme.
- ❖ A student who has completely withdrawn from appearing for end semester examinations in a particular semester should appear for the examinations of all the withdrawn subjects in the next semester itself.
- ❖ If all other conditions are satisfactory, the candidate who withdraws is also eligible to be awarded **DISTINCTION** whereas he/she is not eligible to be awarded a rank.

Punctuality in Attendance

The students are requested to keep up punctuality in attending the college. The late comers will be losing their attendance and in turn the internal marks. Hence all the students are requested to attend the college in time. A student shall be permitted to appear for the End Semester Examination at the end of the semester only if he / she **secures not less than 75% of overall attendance.**

Redo Category

A student who secures overall attendance less than 60% has to repeat the course with the approval, when it is next offered. A student secures attendance greater than or equal to 60% and less than 75% will be promoted to next higher semester only if loss of attendance is due to medical reasons(hospitalization/ accident/illness) or participation in sports event or any competitions or NCC or NSS activities with prior permission from the Head of Institution through the Head of the department with necessary supporting documents and payment of necessary condonation fee as prescribed by the college authority. However student secures more than 75% of attendance in the current semester will be moved to next higher semester.

**Marks Distribution of Continuous Assessment Marks (CAM) and
End Semester Examination Marks (ESM)
Scheme for Continuous Assessment Test (CAT)**

S. No	Course Type	Continuous Assessment components									
		Test Marks	Average of pre/post test/ viva for each experiment	Average of marks for experiment report for each experiment	Model Exam / Report	Assignment	Review - 1	Review - 2	Review - 3	Attendance	Total
1.	Theory	15	-	-	-	5	-	-	-	5	25
2.	Practical	-	10	15	15	-	-	-	-	10	50
3.	Project Phase-I	-	-	-	-	-	15	15	20	-	50
4.	Project Phase-II	-	-	-	-	-	10	10	20	-	40

**The internal marks will be provided fully based on the continuous assessment tests
Weightage of Assessment for Theory Course**

S. No.	Test	Portion for Test	Test Marks	Duration of Test	Weightage for Internal
1	CAT 1	1½ Units	50	1 ½ hours	10
2	CAT 2	1½ Units	50	1 ½ hours	
3	Model	5 Units	75	3 hours	05
Continuous Assessment for Theory Course					15

Question Paper Pattern

Question paper for CAT and ESE will be based on the pattern shown in Table (a) and (b)

Table (a) Question Paper pattern for CAT/Model Exam

Test Type	2 Marks	5 Marks	10 Marks	Total Marks
CAT 1/ CAT 2	5(questions) (10 Marks)	4(questions) (20 Marks)	2 (questions) (20 Marks)	50
Model	End Semester Examination Question Pattern			75

Table (b) Question paper pattern for End semester Examination(ESE)

2 Marks	5 Marks	10 Marks	Total Marks
10(20 Marks)	5 (25 Marks) (one question from each unit)	3 (30 Marks) (one question from each unit)	75

End Semester Examination Question Paper Pattern for Six Units Courses

Course	2 Mark	5 Mark	8 / 9 Mark	Total Marks
Part A	5	2 (out of 3 questions, one from each unit)	one 8 mark question (out of 2 questions from Unit I and Unit II)	37
			One 9 mark question (compulsory question from unit III)	
Part B	5	2 (out of 3 questions, one from each unit)	Two 9 mark questions (out of 3 questions from IV, V & VI)	38

Important points for the kind attention of the Parents

Dear Parents !

Marks in the **continuous assessment test** decide the major part of the Continuous Assessment Marks. So, availing leave for the continuous assessment test must be avoided at any cost as this would seriously affect the continuous assessment marks.

Practicals are very important not only to score more marks but also it will help to understand the theory part of the subject. Hence advice your ward not to avail leave during practical classes.

Please spare your **valuable time to talk to your son/daughter every day and try to understand what he/she is doing in respect of his/her studies.** Kindly extend all your support to your son/daughter which will help them to come out successfully. For any assistance from our side you may always feel free to contact the respective Coordinator / HOD any time during the working hours.

Gold Medals and Top Ten Ranks

The details of the University Goldmedals and Top Ten Ranks bagged by our students are given below.

Year of Passing	Gold Medals	Top Ten Ranks
2012	9	58
2013	7	56
2014	7	56
2015	12	71
2016	8	72
2017	10	94
2018	11	74
2019	12	71

Gold Medals and Ranks

As per the Regulation 2020, for the Award of Gold Medal and ranks for each branch of study, the CGPA secured from 1st to 8th semester should be considered and it is mandatory that the candidate should have passed all the subjects from 1st to 8th semester in the first attempt. Rank Certificates would be issued to the first five candidates in each branch of study.

Distribution of Attendance marks for theory : 5 marks

The distribution of 5 marks for theory class attendance is as follows :
5 marks for 95% attendance and above
4 marks for 90% attendance and above but below 95%
3 marks for 85% attendance and above but below 90%
2 marks for 80% attendance and above but below 85%
1 mark for 75% attendance and above but below 80%

Distribution of Attendance marks for practical : 10 marks

The distribution of 10 marks for practical class attendance is as follows :
10 marks for 95% attendance and above
8 marks for 90% attendance and above but below 95%
6 marks for 85% attendance and above but below 90%
4 marks for 80% attendance and above but below 85%
2 marks for 75% attendance and above but below 80%

Note : Students should not be absent for the online classes/regular classes. Attendance for the online classes/regular classes are monitored systematically and recorded. Continuous assessment mark will be based on the performance of the students in the continuous assessment tests, assignment and attendance percentage.

Assignments : 5 marks

Out of 25 continuous assessment marks, 5 marks will be awarded for the assignment. The assignment questions will be different for each and every student. The students have to submit 3 assignments in each subject. The best 2 out of 3 assignments will be considered for marking.

Women Empowerment Cell

For the welfare of the girl students, a Women Cell has been constituted in the college. The girl students may approach the Chairperson / members for assistance. Mail id : wec@smvec.ac.in

Grievance Redressal Cell

There is a Grievance Redressal Cell under the Chairmanship of the Director of the institution. Students are requested to approach the Chairman / members to redress their grievances. Mail id : grievance@smvec.ac.in

Anti Ragging Cell

Ragging is strictly prohibited in the campus. Prevention of Sexual Harassment (POSH) cell has been constituted for the benefit of students to report against ragging. Mail id : antiragging@smvec.ac.in

Importance of CAT-I/CAT-II/Model Examination

Continuous assessment marks are awarded for the performance in the CAT-I, CAT-II & Model Exam, Hence all the students are requested to prepare well for each test / examination to earn the maximum continuous assessment marks.

Undertaking Minor / Major Projects

Each student is advised to take atleast one minor project. Involving in the project will be helping to understand the basics of the subject. Some of the minor / major project will also be benefiting the society. Moreover, the Management awards cash prizes for the best projects in each department.

Participation in the Curricular / Co-curricular / Extra curricular Activities

All the students are encouraged to participate in the curricular / co-curricular / extra curricular activities. Involvement in these activities will improve their knowledge level in the subject. If a student or a team gets cash prize / award in the technical event organized by the recognised institutions, then the management of this institution will also sanction an amount equivalent to the winning award / cash prize as a token of appreciation.

Leave Account Record

For each student, leave account record has been provided. The students are instructed to show the leave record to their parents and strictly adhere to the instructions given for availing the leave. The leave account record should be maintained properly and prior approval must be obtained for availing the leave. In exceptional cases, the students are permitted to get the approval after availing the leave.

Transport Facility

61 buses have been arranged for the students to reach the college from Puducherry, Kanagachettikulam, Thiruchitrambalam X Road, Villupuram, Neyveli, Panruti, Vadalur, Kurunchipadi, Cuddalore, Nellikuppam, Madukarai, Tindivanam, Ulundurpet, Thirukoilur, Chidambaram, Tiruvannamalai and Virudhachalam covering almost all the areas. Separate transport facility has been arranged for the students who remain in the college after 5 p.m. for utilising computer lab, library and sports facilities. The students are requested to utilise the transport facility.

Tutor Ward System

In the tutor ward system, 30 students are allotted to a tutor who will be taking care of these students in all academic and personal well being. The students are requested to utilize the resourceful faculty effectively.

All the students are requested to avoid mobile phones and travel by two wheelers considering their safety and security.

Placement and Training Division

The placement cell functions round the clock throughout the year to establish contact with reputed multinational companies, well established industrial organizations and plays an important role in locating various job opportunities and placing large number of students every year at these organizations.

Activities of the Training Division

- ☆ Arranges trainings for personality and interpersonal skill development
- ☆ Assists the students to get in-plant training
- ☆ Arranges industrial visits
- ☆ Creates awareness on the opportunities open for higher studies
- ☆ Arranges coaching classes for GATE, GRE, TOEFL, IELTS, IAS, IES etc.

Placement Record

Academic Year	Students Placed
2013-14	85%
2014-15	95%
2015-16	95%
2016-17	93%
2017-18	95%
2018-19	95%
2019-20	95%
2020-21	96%
2021-22	95%
2022-23	484*

* till October 2022

Details of Placed Students : 2021-22

MST Rebar Ser	18	Microchip	3
Econstruction Design and Build Pvt. Ltd.	8	TCS - Digital KAAR	10 22
VL and Engg.		Virtusa	17
Construction Pvt. Ltd	11	EmbedUR	1
TCS - NINJA	134	NTT Datea	4
CTS - GENC	232	Excelacom	3
WIPRO	159	Support Studio Tech.	5
Mu Sigma	43	Secure Kloud	10
ZOHO	13	CETAS	4
HARMAN	4	Tech Mahendra	10
CTSGENC-ELEVATE	16	FORBES MARSHALI	2
MINDTREE	27	RK POWER GEN Pvt.	2
CAPGEMINI	16	RAMPAL Pvt. Ltd	2
HCL Technology	5	Adroit Soft	33
INFOSYS	14	Shiash	8
EATON	4	Unisys	11
MY MEDICAL SHOP	3	CSS Corp	3
VOLTECH	16	Other	152
Agency Associates	2		100

Library Working Hours

8.30 a.m. to 8.30 p.m. (On all the working days)

8.30 a.m. to 10.00 p.m. (During the examination days)



SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE
(An Autonomous Institution)
Puducherry - 605 107

ACADEMIC CALENDAR

2022-2023

II SEM

Use of Cell Phones

It has been decided **not to permit cell phones inside the college campus**. If any student is found using the cell phone inside the college campus, it would be confiscated and will not be returned back on any circumstances. Hence the students are instructed not to attend the college with the mobile phones.

Dress Code

The students are requested to attend the college neatly dressed. While the male students should attend the college with the shirts neatly tucked in and with the shoes, the female students are permitted to come with churidar and dupatta properly pinned. Students wearing full hand shirts should wear it as such without folding it to half etc. Casual wears like jeans, T-shirts etc., both for boys and girls are strictly prohibited inside the campus. Each department has prescribed uniforms for the labs. The students are requested to strictly adhere to the dress codes as well as the rules and regulations of the college.

Maintenance of Discipline

Discipline is an important factor that shapes one's personality. It is considered as a golden key capable of opening many doors. This institution expects each and every student to follow the rules and regulations in total. Maintaining discipline in the campus will promote a conducive environment for studies.

Working hours

I hour	08.45 a.m	to	09.35 a.m
II hour	09.35 a.m	to	10.25 a.m
III hour	10.25 a.m	to	11.15 a.m
Break	11.15 a.m	to	11.30 a.m
IV hour	11.30 a.m	to	12.20 p.m
V hour	12.20 p.m	to	01.10 p.m
VI hour	01.50 p.m	to	02.40 p.m
VII hour	02.40 p.m	to	03.30 p.m
VIII hour	03.30 p.m	to	04.20 p.m

Lunch break 1.10 p.m. to 1.50 p.m.

SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE

An Autonomous Institution

(Accredited by NBA-AICTE, New Delhi, NAAC with "A" Grade)

Madagadipet, Puducherry - 605 107



Academic Calendar

April 2023 to September 2023

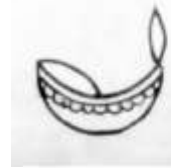
Name :

Programme : B.Tech.

Department : Computer Science and Business Systems

Year / Sem : I Year / II Semester

நிங்கள்



அன்பு செய்துள்ளோம், யாருக்கும் அடிமையாகாதீர்கள்;
இரக்கம் காட்டுங்கள், எவ்விதத் தீர்ப்பும் ஏமாந்துவிடாதீர்கள்;
பணிவைப் போற்றுவோம், எந்த நிலையிலும் கோழியாகாதீர்கள்;
கண்டிப்பாக இருங்கள், எப்போதும் கோபப்பாதீர்கள்;
சிக்கலாக வாழ்வுகள், கருமியாக மாறாதீர்கள்;
விரிவாக இருங்கள், போக்கிரிகளாக மாறாதீர்கள்;
கறுகறுப்பாக இருங்கள், பதட்டம் அடையாதீர்கள்;
வொதுளைத் தேடுங்கள், பேராசைப் படாதீர்கள்;
உழைப்பை நம்புங்கள், உருப்படுவீர்கள்;
உண்மையை நம்புங்கள், உயர்வடைவீர்கள்!

என்றும் அன்புடன்,
ஆசிரியர்கள்.

August 2023

Date	Day	Schedule	Working day/ Holiday
1	Tue		85
2	Wed		86
3	Thu		87
4	Fri		88
5	Sat	Submission of Attendance & Assessment Record 3	89
6	Sun		Holiday
7	Mon	Model Practical Exam	90
8	Tue		91
9	Wed		92
10	Thu	Model Exam Result Analysis Submission	93
11	Fri		94
12	Sat	Last Working Day	95
13	Sun		Holiday
14	Mon		
15	Tue	Independance Day	Holiday
16	Wed	De Jure Transfer Day	Holiday
17	Thu	Tentative End Semester Practical Exam	
18	Fri		
19	Sat		
20	Sun		Holiday
21	Mon		
22	Tue	Value added Course – Starts	
23	Wed		
24	Thu		
25	Fri	Value added Course – End	
26	Sat		
27	Sun		Holiday
28	Mon		
29	Tue		
30	Wed		
31	Thu		

Total number of working days : 11

Total number of holidays : 01

SRI MANAKULAVINAYAGAR ENGINEERING COLLEGE

VISION

To be globally recognized for excellence in quality education, innovation and research for the transformation of lives to serve the society.

MISSION

- M1: Quality Education:** To provide comprehensive academic system that amalgamates the cutting edge technologies with best practices.
- M2: Research and Innovation:** To foster value-based research and innovation in collaboration with industries and institutions globally for creating intellectuals with new avenues.
- M3: Employability and Entrepreneurship:** To inculcate the employability and entrepreneurial skills through value and skill based training.
- M4: Ethical Values:** To instill deep sense of human values by blending societal righteousness with academic professionalism for the growth of society.

DEPARTMENT OF COMPUTER SCIENCE AND BUSINESS SYSTEMS

VISION

To envision the technology and business trends in this domain and to create technically competent professionals for meeting out the needs globally

MISSION

- M1:** To foster knowledge sharing through contemporary curriculum and creative teaching learning process
- M2:** To impart strong computer and business skills to shine and sustain in the agile IT industry
- M3:** To promote technocrats with rich expertise in innovation and research
- M4:** To instill moral values and ethical responsibilities by empowering graduates to be socially responsible

PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)

PEO1: To apply computer science and business concepts to solve the real world problems

PEO2: To develop professional skills in contemporary areas of computer science and business systems to obtain employability and pursue higher education

PEO3: To reconcile business demands with state-of-the art technologies by providing innovative solutions and insightful decisions

PEO4: To ensure ample growth with social and ethical responsibilities

PROGRAMME SPECIFIC OUTCOMES (PSOs)

PSO1: Ability to gain deep knowledge in Computer Science with equal appreciation in humanities, management, sciences and human values.

PSO2: Ability to demonstrate the technical and business skills and provide solutions for the societal needs

PSO3: Ability to engage lifelong learning and bestow innovative contributions to enhance research in the field of computer science and business system

July 2023

Date	Day	Schedule	Working day/ Holiday
1	Sat	CAT - II Result Analysis Submission / SCC /GP /Seminar / GL /	60
2	Sun		Holiday
3	Mon		61
4	Tue		62
5	Wed		63
6	Thu		64
7	Fri	Assignment - 3	65
8	Sat		66
9	Sun		Holiday
10	Mon		67
11	Tue		68
12	Wed		69
13	Thu		70
14	Fri		71
15	Sat		Holiday
16	Sun		Holiday
17	Mon		72
18	Tue		73
19	Wed		74
20	Thu		75
21	Fri		76
22	Sat	Special coaching class / GP / Seminar / GL / Placement / Academic Activities	77
23	Sun		Holiday
24	Mon	Online feedback-3 from the Students and Analysis	78
25	Tue		79
26	Wed	QCM - 3 and Syllabus Coverage Submission	80
27	Thu		81
28	Fri		82
29	Sat		83
30	Sun		Holiday
31	Mon	Model Theory Exam	84

Total number of working days : 25

Total number of holidays : 06

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June 2023

Date	Day	Schedule	Working day/ Holiday
1	Thu		36
2	Fri		37
3	Sat	Special coaching class / GP / Seminar / GL / Placement / Academic Activities	38
4	Sun		Holiday
5	Mon		39
6	Tue		40
7	Wed		41
8	Thu		42
9	Fri	Assignment - 2	43
10	Sat	Special coaching class / GP / Seminar / GL / Placement / Academic Activities	44
11	Sun		Holiday
12	Mon		45
13	Tue	Online feedback-2 from the Students and Analysis	46
14	Wed		47
15	Thu		48
16	Fri	QCM - 2 and Syllabus Coverage Submission	49
17	Sat		Holiday
18	Sun		Holiday
19	Mon	CAT II Starts (1½ units)	50
20	Tue		51
21	Wed		52
22	Thu		53
23	Fri		54
24	Sat	CAT II Ends /SCC /GP / Seminar / GL / Placement / Academic Activities	55
25	Sun		Holiday
26	Mon		56
27	Tue		57
28	Wed		58
29	Thu	Bakrid	Holiday
30	Fri	Submission of Attendance & Assessment Record 2	59
Total number of working days : 24			
Total number of holidays : 06			

PROGRAM OUTCOMES (POs)

Engineering graduates will be able to

- PO1: Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.

- PO2: Problem analysis:** Identify, formulate, review, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.

- PO3: Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety and the cultural, societal and environmental considerations.

- PO4: Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data and synthesis of the information to provide valid conclusions.

- PO5: Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

- PO6: The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

- PO7: Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of and need for sustainable development.

- PO8 : Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

- PO9: Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams and in multidisciplinary settings.

- PO10: Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

- PO11: Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

- PO12: Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Supplementary Examinations

Supplementary examination is an additional examination conducted within a month of time after declaring the results of end semester examination. In order to complete the program within 4 years, the student with maximum of two arrears will be permitted to appear for supplementary examination. The supplementary examination will be conducted in fifth and eighth semester only. For supplementary examination, the continuous assessment marks of the last attempt will be considered.

Re-earn of Continuous Assessment Mark (CAM)

In the first attempt of writing the End Semester Examination of a course if a student fails, he / she can retain the existing CAM and proceeds to write the supplementary exams / End Semester Examinations as and when they are conducted. If a student wishes to re-earn the continuous assessment Marks (CAM), he / she has to re-register by paying the prescribed fee for the course when it is offered next in the subsequent academic year. The student has to re-earn the CAM by taking up all the internal tests, assignments and presentation as per the norms of regulations clause 7.2.

Benefits

- ❖ More number of students will receive the degree within the stipulated time
- ❖ Industries prefer to recruit students with no standing arrears. If the supplementary examinations are conducted then more number of students will be eligible for the recruitment
- ❖ **Photo copy of answer book**
After the publication of the result, photocopy of the answer booklet shall be provided to the student on request with stipulated fee fixed by the College from time to time

Requirements for Appearing End Semester Examination

A student is expected to maintain 100% attendance in all courses as attendance also carries internal marks (Clause 10.3). A student will be qualified to appear for end semester examinations in a particular course of a semester only if he/she satisfies the below mentioned requirements.

The student is permitted to appear for End Semester Examinations, only if he/she maintains minimum 75% of attendance. If he/she secured attendance greater than or equal to 60 % and less than 75% in any course in the current semester can be considered in case of the following reasons:

- i. Medical reasons (hospitalization / accident and or illness)
- ii. Due to participation in sports events or any competitions or NCC / NSS activities with prior written permission from the Head of the Institution / Dean Academics through the Head of the Department

He/she has to pay the necessary condonation prescribed by the college authority with necessary supporting documents for his/her absence.

May 2023

Date	Day	Schedule	Working day/ Holiday
1	Mon	May Day	Holiday
2	Tue		11
3	Wed		12
4	Thu	Online feedback-1 from the Students and Analysis	13
5	Fri	Assignment - I	14
6	Sat	Special coaching class / GP / Seminar / GL / Placement / Academic Activities	15
7	Sun		Holiday
8	Mon		16
9	Tue	QCM - 1 and Syllabus Coverage Submission	17
10	Wed	CAT I Starts (1½ units)	18
11	Thu		19
12	Fri		20
13	Sat	Special coaching class / GP / Seminar / GL / Placement / Academic Activities	21
14	Sun		Holiday
15	Mon		22
16	Tue	CAT I Ends	23
17	Wed		24
18	Thu		25
19	Fri		26
20	Sat		Holiday
21	Sun		Holiday
22	Mon	CAT - I Result Analysis Submission	27
23	Tue		28
24	Wed		29
25	Thu		30
26	Fri	Submission of Attendance & Assessment Record 1	31
27	Sat	Special coaching class / GP / Seminar / GL / Placement / Academic Activities	32
28	Sun		Holiday
29	Mon		33
30	Tue		34
31	Wed		35

Total number of working days : 25

Total number of holidays : 06

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April 2023

Date	Day	Schedule	Working day/ Holiday
1	Sat		
2	Sun		Holiday
3	Mon		
4	Tue		
5	Wed		
6	Thu		
7	Fri	Good Friday	Holiday
8	Sat		
8	Sun		Holiday
10	Mon		
11	Tue		
12	Wed		
13	Thu		
14	Fri	Tamil New Year / Dr. B.R. Ambedkar Brithday	Holiday
15	Sat		
16	Sun		Holiday
17	Mon	Commencement of Classes for I year	1
18	Tue		2
19	Wed		3
20	Thu		4
21	Fri		Holiday
22	Sat		Holiday
23	Sun		Holiday
24	Mon		5
25	Tue		6
26	Wed		7
27	Thu		8
28	Fri		9
29	Sat	Special coaching class / GP / Seminar / GL / Placement / Academic Activities	10
30	Sun		Holiday
Total number of working days : 10			
Total number of holidays : 04			

- ❖ The student shall be considered for exemption from the prescribed attendance requirement for the reasons stated above and if exempted, the student shall be permitted to appear for the end semester examination of that course. In all such cases, the students should have submitted the required documents on joining after the absence, to the Head of the Department through the Class Advisor.
- ❖ If any student is suspended for any reason during the semester, the days of suspension of a student on disciplinary grounds will be considered as days of absence for calculating the percentage of attendance for each individual course.

Provision for Withdrawal from Examination

- ❖ **Complete Withdrawal (applicable only for nil arrear students):** A student, who is eligible to appear for the semester examinations, will be permitted to withdraw from appearing for the entire End Semester Examinations as one unit (*Complete Withdrawal*) for valid reasons and on the recommendation of the Head of the Department and with the approval of the Dean Academics. Complete Withdrawal application shall be made before the commencement of the first examination pertaining to the semester. Such withdrawal shall be permitted **only once** during the entire programme.
- ❖ A student who has completely withdrawn from appearing for end semester examinations in a particular semester should appear for the examinations of all the withdrawn subjects in the next semester itself.
- ❖ If all other conditions are satisfactory, the candidate who withdraws is also eligible to be awarded DISTINCTION whereas he/she is not eligible to be awarded a rank.

Punctuality in Attendance

The students are requested to keep up punctuality in attending the college. The late comers will be losing their attendance and in turn the internal marks. Hence all the students are requested to attend the college in time. A student shall be permitted to appear for the End Semester Examination at the end of the semester only if he / she **secures not less than 75% of overall attendance.**

Redo Category

A student who secures overall attendance less than 60% has to repeat the course with the approval, when it is next offered. A student secures attendance greater than or equal to 60% and less than 75% will be promoted to next higher semester only if loss of attendance is due to medical reasons(hospitalization/ accident/illness) or participation in sports event or any competitions or NCC or NSS activities with prior permission from the Head of Institution through the Head of the department with necessary supporting documents and payment of necessary condonation fee as prescribed by the college authority. However student secures more than 75% of attendance in the current semester will be moved to next higher semester.

**Marks Distribution of Continuous Assessment Marks (CAM) and
End Semester Examination Marks (ESM)
Scheme for Continuous Assessment Test (CAT)**

S. No	Course Type	Continuous Assessment components									
		Test Marks	Average of pre/post test/ viva for each experiment	Average of marks for experiment report for each experiment	Model Exam / Report	Assignment	Review - 1	Review - 2	Review - 3	Attendance	Total
1.	Theory	15	-	-	-	5	-	-	-	5	25
2.	Practical	-	10	15	15	-	-	-	-	10	50
3.	Project Phase-I	-	-	-	-	-	15	15	20	-	50
4.	Project Phase-II	-	-	-	-	-	10	10	20	-	40

**The internal marks will be provided fully based on the continuous assessment tests
Weightage of Assessment for Theory Course**

S. No.	Test	Portion for Test	Test Marks	Duration of Test	Weightage for Internal
1	CAT 1	1½ Units	50	1 ½ hours	10
2	CAT 2	1½ Units	50	1 ½ hours	
3	Model	5 Units	75	3 hours	05
Continuous Assessment for Theory Course					15

Question Paper Pattern

Question paper for CAT and ESE will be based on the pattern shown in Table (a) and (b)

Table (a) Question Paper pattern for CAT/Model Exam

Test Type	2 Marks	5 Marks	10 Marks	Total Marks
CAT 1/ CAT 2	5(questions) (10 Marks)	4(questions) (20 Marks)	2 (questions) (20 Marks)	50
Model	End Semester Examination Question Pattern			75

Table (b) Question paper pattern for End semester Examination(ESE)

2 Marks	5 Marks	10 Marks	Total Marks
10(20 Marks)	5 (25 Marks) (one question from each unit)	3 (30 Marks) (one question from each unit)	75

End Semester Examination Question Paper Pattern for Six Units Courses

Course	2 Mark	5 Mark	8 / 9 Mark	Total Marks
Part A	5	2 (out of 3 questions, one from each unit)	one 8 mark question (out of 2 questions from Unit I and Unit II) One 9 mark question (compulsory question from unit III)	37
Part B	5	2 (out of 3 questions, one from each unit)	Two 9 mark questions (out of 3 questions from IV, V & VI)	38

Important points for the kind attention of the Parents

Dear Parents !

Marks in the **continuous assessment test** decide the major part of the Continuous Assessment Marks. So, availing leave for the continuous assessment test must be avoided at any cost as this would seriously affect the continuous assessment marks.

Practicals are very important not only to score more marks but also it will help to understand the theory part of the subject. Hence advice your ward not to avail leave during practical classes.

Please spare your **valuable time to talk to your son/daughter every day and try to understand what he/she is doing in respect of his/her studies.** Kindly extend all your support to your son/daughter which will help them to come out successfully. For any assistance from our side you may always feel free to contact the respective Coordinator / HOD any time during the working hours.

Gold Medals and Top Ten Ranks

The details of the University Goldmedals and Top Ten Ranks bagged by our students are given below.

Year of Passing	Gold Medals	Top Ten Ranks
2012	9	58
2013	7	56
2014	7	56
2015	12	71
2016	8	72
2017	10	94
2018	11	74
2019	12	71

Gold Medals and Ranks

As per the Regulation 2020, for the Award of Gold Medal and ranks for each branch of study, the CGPA secured from 1st to 8th semester should be considered and it is mandatory that the candidate should have passed all the subjects from 1st to 8th semester in the first attempt. Rank Certificates would be issued to the first five candidates in each branch of study.

Distribution of Attendance marks for theory : 5 marks

The distribution of 5 marks for theory class attendance is as follows :
5 marks for 95% attendance and above
4 marks for 90% attendance and above but below 95%
3 marks for 85% attendance and above but below 90%
2 marks for 80% attendance and above but below 85%
1 mark for 75% attendance and above but below 80%

Distribution of Attendance marks for practical : 10 marks

The distribution of 10 marks for practical class attendance is as follows :
10 marks for 95% attendance and above
8 marks for 90% attendance and above but below 95%
6 marks for 85% attendance and above but below 90%
4 marks for 80% attendance and above but below 85%
2 marks for 75% attendance and above but below 80%

Note : Students should not be absent for the online classes/regular classes. Attendance for the online classes/regular classes are monitored systematically and recorded. Continuous assessment mark will be based on the performance of the students in the continuous assessment tests, assignment and attendance percentage.

Assignments : 5 marks

Out of 25 continuous assessment marks, 5 marks will be awarded for the assignment. The assignment questions will be different for each and every student. The students have to submit 3 assignments in each subject. The best 2 out of 3 assignments will be considered for marking.

Women Empowerment Cell

For the welfare of the girl students, a Women Cell has been constituted in the college. The girl students may approach the Chairperson / members for assistance. Mail id : wec@smvec.ac.in

Grievance Redressal Cell

There is a Grievance Redressal Cell under the Chairmanship of the Director of the institution. Students are requested to approach the Chairman / members to redress their grievances. Mail id : grievance@smvec.ac.in

Anti Ragging Cell

Ragging is strictly prohibited in the campus. Prevention of Sexual Harassment (POSH) cell has been constituted for the benefit of students to report against ragging. Mail id : antiragging@smvec.ac.in

Importance of CAT-I/CAT-II/Model Examination

Continuous assessment marks are awarded for the performance in the CAT-I, CAT-II & Model Exam, Hence all the students are requested to prepare well for each test / examination to earn the maximum continuous assessment marks.

Undertaking Minor / Major Projects

Each student is advised to take atleast one minor project. Involving in the project will be helping to understand the basics of the subject. Some of the minor / major project will also be benefiting the society. Moreover, the Management awards cash prizes for the best projects in each department.

Participation in the Curricular / Co-curricular / Extra curricular Activities

All the students are encouraged to participate in the curricular / co-curricular / extra curricular activities. Involvement in these activities will improve their knowledge level in the subject. If a student or a team gets cash prize / award in the technical event organized by the recognised institutions, then the management of this institution will also sanction an amount equivalent to the winning award / cash prize as a token of appreciation.

Leave Account Record

For each student, leave account record has been provided. The students are instructed to show the leave record to their parents and strictly adhere to the instructions given for availing the leave. The leave account record should be maintained properly and prior approval must be obtained for availing the leave. In exceptional cases, the students are permitted to get the approval after availing the leave.

Transport Facility

61 buses have been arranged for the students to reach the college from Puducherry, Kanagachettikulam, Thiruchitrambalam X Road, Villupuram, Neyveli, Panruti, Vadalur, Kurunchipadi, Cuddalore, Nellikuppam, Madukarai, Tindivanam, Ulundurpet, Thirukoilur, Chidambaram, Tiruvannamalai and Virudhachalam covering almost all the areas. Separate transport facility has been arranged for the students who remain in the college after 5 p.m. for utilising computer lab, library and sports facilities. The students are requested to utilise the transport facility.

Tutor Ward System

In the tutor ward system, 30 students are allotted to a tutor who will be taking care of these students in all academic and personal well being. The students are requested to utilize the resourceful faculty effectively.

All the students are requested to avoid mobile phones and travel by two wheelers considering their safety and security.

Placement and Training Division

The placement cell functions round the clock throughout the year to establish contact with reputed multinational companies, well established industrial organizations and plays an important role in locating various job opportunities and placing large number of students every year at these organizations.

Activities of the Training Division

- ☆ Arranges trainings for personality and interpersonal skill development
- ☆ Assists the students to get in-plant training
- ☆ Arranges industrial visits
- ☆ Creates awareness on the opportunities open for higher studies
- ☆ Arranges coaching classes for GATE, GRE, TOEFL, IELTS, IAS, IES etc.

Placement Record

Academic Year	Students Placed
2013-14	85%
2014-15	95%
2015-16	95%
2016-17	93%
2017-18	95%
2018-19	95%
2019-20	95%
2020-21	96%
2021-22	95%
2022-23	841*

* till February 2023

Details of Placed Students : 2022-23

SOPRA STERIA	10	CSS CORP	3
CTS	199	MSI	4
TCS	243	Zentience	2
EMBED UR	5	EMERSON	1
ZOHO	18	Abishowa	1
VIRTUSA	43	DR. AXION	8
MULTICORE WARE	1	Star Engineering	1
ACCENTURE - PEGA	4	FSS	7
TVM INFOTECH	3	Integra	84
WEB DIGITAL MANTHRA	3	Justdial	36
INCEDO	1	Karur Vysya Bank	13
UNISYS	6	Oppo Mobiles	9
KAAR	13	TCS - MBA	1
SOCIETE GENERALE	6	Fasttrack HR Services	Pvt.
HEXWARE	11	Ltd	9
MICROCHIP	2	HFFC	6
RENAULT NISSAN	1	Ford Motors Pega	6
ZIFO	3	BYDELECTRONICS	4
CARATLANE	6	Others	60
Avalon	8		

Library Working Hours

8.30 a.m. to 8.30 p.m. (On all the working days)

8.30 a.m. to 10.00 p.m. (During the examination days)



SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE
(An Autonomous Institution)
Puducherry - 605 107

ACADEMIC CALENDAR

2022-2023

III SEM

Use of Cell Phones

It has been decided **not to permit cell phones inside the college campus**. If any student is found using the cell phone inside the college campus, it would be confiscated and will not be returned back on any circumstances. Hence the students are instructed not to attend the college with the mobile phones.

Dress Code

The students are requested to attend the college neatly dressed. While the male students should attend the college with the shirts neatly tucked in and with the shoes, the female students are permitted to come with churidar and dupatta properly pinned. Students wearing full hand shirts should wear it as such without folding it to half etc. Casual wears like jeans, T-shirts etc., both for boys and girls are strictly prohibited inside the campus. Each department has prescribed uniforms for the labs. The students are requested to strictly adhere to the dress codes as well as the rules and regulations of the college.

Maintenance of Discipline

Discipline is an important factor that shapes one's personality. It is considered as a golden key capable of opening many doors. This institution expects each and every student to follow the rules and regulations in total. Maintaining discipline in the campus will promote a conducive environment for studies.

Working hours

I hour	09.00 a.m to 09.50 a.m
II hour	09.50 a.m to 10.40 a.m
Break	10.40 a.m to 10.55 a.m
III hour	10.55 a.m to 11.45 a.m
IV hour	11.45 a.m to 12.35 p.m
V hour	01.15 p.m to 02.05 p.m
VI hour	02.05 p.m to 02.55 p.m
Break	02.55 p.m to 03.10 p.m
VII hour	03.10 p.m to 04.00 p.m
VIII hour	04.00 p.m to 04.50 p.m
Lunch break	12.35 p.m. to 1.15 p.m.

SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE

An Autonomous Institution

(Accredited by NBA-AICTE, New Delhi, NAAC with "A" Grade)

Madagadipet, Puducherry - 605 107



Academic Calendar

October 2022 to March 2023

Name :

Programme : B.Tech.

Department : Computer Science and Business Systems

Year / Sem : II Year / III Sem

நீங்கள்



அன்பு செய்பவர்கள், யாருக்கும் அடிமையாகாதீர்கள்;
இரக்கம் காட்டுங்கள், வாரிட்டுத் தூய்மை ஏமாற்றாதீர்கள்;
பணிகளைப் போற்றுவீர்கள், எந்த நிலைமையிலும் கோழியாகாதீர்கள்;
கண்டிப்பாக இருங்கள், எப்போதும் கோபப்படுவதற்காக;
சிக்கனமாக வாழ்வீர்கள், சுருதியாக மாறாதீர்கள்;
விரிவாக இருங்கள், போக்கிரிகளாக மாறாதீர்கள்;
சுறுசுறுப்பாக இருங்கள், பதட்டம் அடையாதீர்கள்;
வாகுளைத் தேடுங்கள், பேராசைப் படாதீர்கள்;
உழைப்பை நம்புங்கள், உழப்படுவீர்கள்;
உண்மையை நம்புங்கள், உயர்வடைவீர்கள்!

என்றும் அன்புடன்,
ஆசிரியர்கள்.

About Autonomous

Sri Manakula Vinayagar Engineering College has been conferred with Autonomous Status by the University Grants Commission on 26th September 2019 and the same was approved by Pondicherry University on 19th June 2020. SMVEC Autonomous Regulations R2020 is followed for the students admitted from the Academic Year 2020-21 onwards.

Awards and Credentials

Our Institution got many awards and credentials since its inception. Some of the credentials achieved during the academic Years 2020-21 and 2021-22 are :

- ❖ Data Quest ranked in 46th position among the top 100 Technical schools overall in India 2021-22
- ❖ Winner of International Blockchain skill summit hackathon 2022
- ❖ Winner of Unisys Innovation (Y13) 2022
- ❖ Winner of Smar India Hackathon - 2022
- ❖ Winner of Virtusa Jatayu - 2022
- ❖ 4-Star rating from IIC-MHRD Innovation Council, New delhi
- ❖ ATAL Ranking award - ARIIA 2021 ranked in the “Excellent Band Category”
- ❖ Edufuture Excellence award and e-campus Award from Zee News - 2021
- ❖ Virtusa Campus Partner
- ❖ Best Engineering College from National Educational Excellence Award

HIGHLIGHTS OF SMVECAUTONOMOUSREGULATIONS

- ❖ Industry 4.0 ready curriculum
- ❖ Focus on Multidisciplinary and skill development courses to create extensive career opportunities
- ❖ Certifications Courses
- ❖ Internships
- ❖ Orientation towards entrepreneurship
- ❖ Choice to learn IELTS / Foreign Languages
- ❖ Supplementary Examination in 5th and 8th semester for the students having maximum of 2 arrears

Certification Courses

We provide 91 International Associate level Certification courses through 17 Centre of Excellences from IBM, Google, Cisco, Microsoft, Autodesk, Texas instruments, Festo, Bentley, Schneider Electric, Amazon web services, Siemens, Tally, DELL, EMC, Harita Techserv, PTC, LN and Excellence in Technology & Didactic solutions. All students should enrol in one certification course from semester I to VI.

Industrial Training / Internship

Students may undergo training or internship during summer / winter vacation at an Industry/ Research organization. Students are also permitted to undergo internships during their eighth semester after the completion of theory classes.

March 2023

Date	Day	Schedule	Working day/ Holiday
1	Wed		
2	Thu		
3	Fri		
4	Sat		
5	Sun		Holiday
6	Mon		
7	Tue		
8	Wed		
9	Thu		
10	Fri		
11	Sat		
12	Sun		Holiday
13	Mon		
14	Tue		
15	Wed		
16	Thu		
17	Fri		
18	Sat		
19	Sun		Holiday
20	Mon		
21	Tue		
22	Wed		
23	Thu		
24	Fri		
25	Sat		
26	Sun		Holiday
27	Mon		
28	Tue		
29	Wed		
30	Thu		
31	Fri		
Total number of working days :			
Total number of holidays :			

February 2023

Date	Day	Schedule	Working day/ Holiday
1	Wed	Value added Course – I Starts	76
2	Thu		77
3	Fri		78
4	Sat	Value added Course – I End	79
5	Sun		Holiday
6	Mon	End Semester Practicals exam starts	80
7	Tue		81
8	Wed		82
9	Thu		83
10	Fri		84
11	Sat		85
12	Sun		Holiday
13	Mon		86
14	Tue		87
15	Wed	End Semester Practical exam ends	88
16	Thu		89
17	Fri		90
18	Sat		
19	Sun		Holiday
20	Mon	End Semester Theory Exam starts	
21	Tue		
22	Wed		
23	Thu		
24	Fri		
25	Sat		
26	Sun		Holiday
27	Mon		
28	Tue		
Total number of working days : 15			
Total number of holidays : 02			
.....			

SRI MANAKULAVINAYAGAR ENGINEERING COLLEGE

VISION

To be globally recognized for excellence in quality education, innovation and research for the transformation of lives to serve the society.

MISSION

- M1: Quality Education:** To provide comprehensive academic system that amalgamates the cutting edge technologies with best practices.
- M2: Research and Innovation:** To foster value-based research and innovation in collaboration with industries and institutions globally for creating intellectuals with new avenues.
- M3: Employability and Entrepreneurship:** To inculcate the employability and entrepreneurial skills through value and skill based training.
- M4: Ethical Values:** To instill deep sense of human values by blending societal righteousness with academic professionalism for the growth of society.

DEPARTMENT OF COMPUTER SCIENCE AND BUSINESS SYSTEMS

VISION

To envision the technology and business trends in this domain and to create technically competent professionals for meeting out the needs globally

MISSION

- M1:** To foster knowledge sharing through contemporary curriculum and creative teaching learning process
- M2:** To impart strong computer and business skills to shine and sustain in the agile IT industry
- M3:** To promote technocrats with rich expertise in innovation and research
- M4:** To instill moral values and ethical responsibilities by empowering graduates to be socially responsible

PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)

PEO1: To apply computer science and business concepts to solve the real world problems

PEO2: To develop professional skills in contemporary areas of computer science and business systems to obtain employability and pursue higher education

PEO3: To reconcile business demands with state-of-the art technologies by providing innovative solutions and insightful decisions

PEO4: To ensure ample growth with social and ethical responsibilities

PROGRAMME SPECIFIC OUTCOMES (PSOs)

PSO1: Ability to gain deep knowledge in Computer Science with equal appreciation in humanities, management, sciences and human values.

PSO2: Ability to demonstrate the technical and business skills and provide solutions for the societal needs

PSO3: Ability to engage lifelong learning and bestow innovative contributions to enhance research in the field of computer science and business system

January 2023

Date	Day	Schedule	Working day/ Holiday
1	Sun	New Year	Holiday
2	Mon	Online Feedback-3 from the students and Analysis	54
3	Tue	QCM - 3	55
4	Wed	Assignment - III	56
5	Thu		57
6	Fri	Syllabus coverage and Submission	58
7	Sat	Model Exam starts (5 Units)	59
8	Sun		Holiday
9	Mon		60
10	Tue		61
11	Wed		62
12	Thu		63
13	Fri	Model Exam ends	64
14	Sat		Holiday
15	Sun	Pongal	Holiday
16	Mon	Uzhavar Thirunal	Holiday
17	Tue	Thiruvalluvar Day	Holiday
18	Wed	ES Model Practical / Model Result Analysis & Report Submission	65
19	Thu		66
20	Fri		67
21	Sat		68
22	Sun		Holiday
23	Mon	Submission of Attendance and Assessment-III	69
24	Tue		70
25	Wed		71
26	Thu	Republic Day	Holiday
27	Fri		72
28	Sat	ES Model Practical Ends	73
29	Sun		Holiday
30	Mon		74
31	Tue	Last working day for III and V semester	75
Total number of working days : 22			
Total number of holidays : 09			

December 2022

Date	Day	Schedule	Working day/ Holiday
1	Thu		28
2	Fri		29
3	Sat	GL / Placement / Academic Activities	30
4	Sun		Holiday
5	Mon	CAT- I Result Analysis and Report Submission	31
6	Tue	Online Feedback-2 from the students and Analysis	32
7	Wed	QCM - 2	33
8	Thu	Assignment - II	34
9	Fri		35
10	Sat	Syllabus coverage and Submission/ GL / Placement / Academic Activities	36
11	Sun		Holiday
12	Mon	CAT - II (1½ units)	37
13	Tue		38
14	Wed		39
15	Thu		40
16	Fri		41
17	Sat		Holiday
18	Sun		Holiday
19	Mon		42
20	Tue		43
21	Wed		44
22	Thu		45
23	Fri	CAT- II Result Analysis and Report Submission	46
24	Sat	Special coaching class / GP / Seminar / GL / Placement / Academic Activities	47
25	Sun	Christmas	Holiday
26	Mon		48
27	Tue		49
28	Wed	Submission of Attendance and Assessment-II	50
29	Thu		51
30	Fri		52
31	Sat	Special coaching class / GP / Seminar / GL / Placement / Academic Activities	53

Total number of working days : 26
Total number of holidays : 05

PROGRAM OUTCOMES (POs)

Engineering graduates will be able to

- PO1: Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.
- PO2: Problem analysis:** Identify, formulate, review, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.
- PO3: Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety and the cultural, societal and environmental considerations.
- PO4: Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data and synthesis of the information to provide valid conclusions.
- PO5: Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
- PO6: The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- PO7: Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of and need for sustainable development.
- PO8 : Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- PO9: Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams and in multidisciplinary settings.
- PO10: Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- PO11: Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- PO12: Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Supplementary Examinations

Supplementary examination is an additional examination conducted within a month of time after declaring the results of end semester examination. In order to complete the program within 4 years, the student with maximum of two arrears will be permitted to appear for supplementary examination. The supplementary examination will be conducted in fifth and eighth semester only. For supplementary examination, the continuous assessment marks of the last attempt will be considered.

Re-earn of Continuous Assessment Mark (CAM)

In the first attempt of writing the End Semester Examination of a course if a student fails, he / she can retain the existing CAM and proceeds to write the supplementary exams / End Semester Examinations as and when they are conducted. If a student wishes to re-earn the continuous assessment Marks (CAM), he / she has to re-register by paying the prescribed fee for the course when it is offered next in the subsequent academic year. The student has to re-earn the CAM by taking up all the internal tests, assignments and presentation as per the norms of regulations clause 7.2.

Benefits

- ❖ More number of students will receive the degree within the stipulated time
- ❖ Industries prefer to recruit students with no standing arrears. If the supplementary examinations are conducted then more number of students will be eligible for the recruitment
- ❖ **Photo copy of answer book**

After the publication of the result, photocopy of the answer booklet shall be provided to the student on request with stipulated fee fixed by the College from time to time

Requirements for Appearing End Semester Examination

A student is expected to maintain 100% attendance in all courses as attendance also carries internal marks (Clause 10.3). A student will be qualified to appear for end semester examinations in a particular course of a semester only if he/she satisfies the below mentioned requirements.

The student is permitted to appear for End Semester Examinations, only if he/she maintains minimum 75% of attendance. If he/she secured attendance greater than or equal to 60 % and less than 75% in any course in the current semester can be considered in case of the following reasons:

- i. Medical reasons (hospitalization / accident and or illness)
- ii. Due to participation in sports events or any competitions or NCC / NSS activities with prior written permission from the Head of the Institution / Dean Academics through the Head of the Department

He/she has to pay the necessary condonation prescribed by the college authority with necessary supporting documents for his/her absence.

November 2022

Date	Day	Schedule	Working day/ Holiday
1	Tue	Puducherry Liberation Day	Holiday
2	Wed		4
3	Thu		5
4	Fri		6
5	Sat	Special coaching class / GP / Seminar / GL / Placement / Academic Activities	7
6	Sun		Holiday
7	Mon		8
8	Tue		9
9	Wed		10
10	Thu		11
11	Fri		12
12	Sat	Special coaching class / GP / Seminar / GL / Placement / Academic Activities	13
13	Sun		Holiday
14	Mon	Online Feedback-1 from the students and Analysis	14
15	Tue	QCM - 1	15
16	Wed		16
17	Thu		17
18	Fri	Assignment - I	18
19	Sat		Holiday
20	Sun		Holiday
21	Mon		19
22	Tue	Syllabus coverage and Submission	20
23	Wed	CAT I (1½ units)	21
24	Thu		22
25	Fri		23
26	Sat		24
27	Sun		Holiday
28	Mon	Submission of Attendance and Assessment-I	25
29	Tue		26
30	Wed		27
Total number of working days : 24			
Total number of holidays : 06			

October 2022

Date	Day	Schedule	Working day/ Holiday
1	Sat		
2	Sun	Gandhi Jayanthi	Holiday
3	Mon		
4	Tue	Saraswathi Pooja	Holiday
5	Wed	Vijayadashami	Holiday
6	Thu		
7	Fri		
8	Sat		
9	Sun		Holiday
10	Mon		
11	Tue		
12	Wed		
13	Thu		
14	Fri		
15	Sat		
16	Sun		Holiday
17	Mon		
18	Tue		
19	Wed		
20	Thu		
21	Fri		
22	Sat		Holiday
23	Sun		Holiday
24	Mon	Deepavali	Holiday
25	Tue		
26	Wed		
27	Thu		
28	Fri	Commencement of III and V semester	1
29	Sat		2
30	Sun		Holiday
31	Mon		3
Total number of working days : 03			
Total number of holidays : 01			
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- ❖ The student shall be considered for exemption from the prescribed attendance requirement for the reasons stated above and if exempted, the student shall be permitted to appear for the end semester examination of that course. In all such cases, the students should have submitted the required documents on joining after the absence, to the Head of the Department through the Class Advisor.
- ❖ If any student is suspended for any reason during the semester, the days of suspension of a student on disciplinary grounds will be considered as days of absence for calculating the percentage of attendance for each individual course.

Provision for Withdrawal from Examination

- ❖ **Complete Withdrawal (applicable only for nil arrear students):** A student, who is eligible to appear for the semester examinations, will be permitted to withdraw from appearing for the entire End Semester Examinations as one unit (*Complete Withdrawal*) for valid reasons and on the recommendation of the Head of the Department and with the approval of the Dean Academics. Complete Withdrawal application shall be made before the commencement of the first examination pertaining to the semester. Such withdrawal shall be permitted **only once** during the entire programme.
- ❖ A student who has completely withdrawn from appearing for end semester examinations in a particular semester should appear for the examinations of all the withdrawn subjects in the next semester itself.
- ❖ If all other conditions are satisfactory, the candidate who withdraws is also eligible to be awarded **DISTINCTION** whereas he/she is not eligible to be awarded a rank.

Punctuality in Attendance

The students are requested to keep up punctuality in attending the college. The late comers will be losing their attendance and in turn the internal marks. Hence all the students are requested to attend the college in time. A student shall be permitted to appear for the End Semester Examination at the end of the semester only if he / she **secures not less than 75% of overall attendance.**

Redo Category

A student who secures overall attendance less than 60% has to repeat the course with the approval, when it is next offered. A student secures attendance greater than or equal to 60% and less than 75% will be promoted to next higher semester only if loss of attendance is due to medical reasons (hospitalization/ accident/illness) or participation in sports event or any competitions or NCC or NSS activities with prior permission from the Head of Institution through the Head of the department with necessary supporting documents and payment of necessary condonation fee as prescribed by the college authority. However student secures more than 75% of attendance in the current semester will be moved to next higher semester.

**Marks Distribution of Continuous Assessment Marks (CAM) and
End Semester Examination Marks (ESM)
Scheme for Continuous Assessment Test (CAT)**

S. No	Course Type	Continuous Assessment components									
		Test Marks	Average of pre/post test/ viva for each experiment	Average of marks for experiment report for each experiment	Model Exam / Report	Assignment	Review - 1	Review - 2	Review - 3	Attendance	Total
1.	Theory	15	-	-	-	5	-	-	-	5	25
2.	Practical	-	10	15	15	-	-	-	-	10	50
3.	Project Phase-I	-	-	-	-	-	15	15	20	-	50
4.	Project Phase-II	-	-	-	-	-	10	10	20	-	40

**The internal marks will be provided fully based on the continuous assessment tests
Weightage of Assessment for Theory Course**

S. No.	Test	Portion for Test	Test Marks	Duration of Test	Weightage for Internal
1	CAT 1	1½ Units	50	1 ½ hours	10
2	CAT 2	1½ Units	50	1 ½ hours	
3	Model	5 Units	75	3 hours	05
Continuous Assessment for Theory Course					15

Question Paper Pattern

Question paper for CAT and ESE will be based on the pattern shown in Table (a) and (b)

Table (a) Question Paper pattern for CAT/Model Exam

Test Type	2 Marks	5 Marks	10 Marks	Total Marks
CAT 1/ CAT 2	5(questions) (10 Marks)	4(questions) (20 Marks)	2 (questions) (20 Marks)	50
Model	End Semester Examination Question Pattern			75

Table (b) Question paper pattern for End semester Examination(ESE)

2 Marks	5 Marks	10 Marks	Total Marks
10(20 Marks)	5 (25 Marks) (one question from each unit)	3 (30 Marks) (one question from each unit)	75

End Semester Examination Question Paper Pattern for Six Units Courses

Course	2 Mark	5 Mark	8 / 9 Mark	Total Marks
Part A	5	2 (out of 3 questions, one from each unit)	one 8 mark question (out of 2 questions from Unit I and Unit II) One 9 mark question (compulsory question from unit III)	37
Part B	5	2 (out of 3 questions, one from each unit)	Two 9 mark questions (out of 3 questions from IV, V & VI)	38

Important points for the kind attention of the Parents

Dear Parents !

Marks in the **continuous assessment test** decide the major part of the Continuous Assessment Marks. So, availing leave for the continuous assessment test must be avoided at any cost as this would seriously affect the continuous assessment marks.

Practicals are very important not only to score more marks but also it will help to understand the theory part of the subject. Hence advice your ward not to avail leave during practical classes.

Please spare your **valuable time to talk to your son/daughter every day and try to understand what he/she is doing in respect of his/her studies.** Kindly extend all your support to your son/daughter which will help them to come out successfully. For any assistance from our side you may always feel free to contact the respective Coordinator / HOD any time during the working hours.

Gold Medals and Top Ten Ranks

The details of the University Goldmedals and Top Ten Ranks bagged by our students are given below.

Year of Passing	Gold Medals	Top Ten Ranks
2012	9	58
2013	7	56
2014	7	56
2015	12	71
2016	8	72
2017	10	94
2018	11	74
2019	12	71

Gold Medals and Ranks

As per the Regulation 2020, for the Award of Gold Medal and ranks for each branch of study, the CGPA secured from 1st to 8th semester should be considered and it is mandatory that the candidate should have passed all the subjects from 1st to 8th semester in the first attempt. Rank Certificates would be issued to the first five candidates in each branch of study.

Distribution of Attendance marks for theory : 5 marks

The distribution of 5 marks for theory class attendance is as follows :
5 marks for 95% attendance and above
4 marks for 90% attendance and above but below 95%
3 marks for 85% attendance and above but below 90%
2 marks for 80% attendance and above but below 85%
1 mark for 75% attendance and above but below 80%

Distribution of Attendance marks for practical : 10 marks

The distribution of 10 marks for practical class attendance is as follows :
10 marks for 95% attendance and above
8 marks for 90% attendance and above but below 95%
6 marks for 85% attendance and above but below 90%
4 marks for 80% attendance and above but below 85%
2 marks for 75% attendance and above but below 80%

Note : Students should not be absent for the online classes/regular classes. Attendance for the online classes/regular classes are monitored systematically and recorded. Continuous assessment mark will be based on the performance of the students in the continuous assessment tests, assignment and attendance percentage.

Assignments : 5 marks

Out of 25 continuous assessment marks, 5 marks will be awarded for the assignment. The assignment questions will be different for each and every student. The students have to submit 3 assignments in each subject. The best 2 out of 3 assignments will be considered for marking.

Women Empowerment Cell

For the welfare of the girl students, a Women Cell has been constituted in the college. The girl students may approach the Chairperson / members for assistance. Mail id : wec@smvec.ac.in

Grievance Redressal Cell

There is a Grievance Redressal Cell under the Chairmanship of the Director of the institution. Students are requested to approach the Chairman / members to redress their grievances. Mail id : grievance@smvec.ac.in

Anti Ragging Cell

Ragging is strictly prohibited in the campus. Prevention of Sexual Harassment (POSH) cell has been constituted for the benefit of students to report against ragging. Mail id : antiragging@smvec.ac.in

Importance of CAT-I/CAT-II/Model Examination

Continuous assessment marks are awarded for the performance in the CAT-I, CAT-II & Model Exam, Hence all the students are requested to prepare well for each test / examination to earn the maximum continuous assessment marks.

Undertaking Minor / Major Projects

Each student is advised to take atleast one minor project. Involving in the project will be helping to understand the basics of the subject. Some of the minor / major project will also be benefiting the society. Moreover, the Management awards cash prizes for the best projects in each department.

Participation in the Curricular / Co-curricular / Extra curricular Activities

All the students are encouraged to participate in the curricular / co-curricular / extra curricular activities. Involvement in these activities will improve their knowledge level in the subject. If a student or a team gets cash prize / award in the technical event organized by the recognised institutions, then the management of this institution will also sanction an amount equivalent to the winning award / cash prize as a token of appreciation.

Leave Account Record

For each student, leave account record has been provided. The students are instructed to show the leave record to their parents and strictly adhere to the instructions given for availing the leave. The leave account record should be maintained properly and prior approval must be obtained for availing the leave. In exceptional cases, the students are permitted to get the approval after availing the leave.

Transport Facility

61 buses have been arranged for the students to reach the college from Puducherry, Kanagachettikulam, Thiruchitrabalam X Road, Villupuram, Neyveli, Panruti, Vadalur, Kurunchipadi, Cuddalore, Nellikuppam, Madukarai, Tindivanam, Ulundurpet, Thirukoilur, Chidambaram, Tiruvannamalai and Virudhachalam covering almost all the areas. Separate transport facility has been arranged for the students who remain in the college after 5 p.m. for utilising computer lab, library and sports facilities. The students are requested to utilise the transport facility.

Tutor Ward System

In the tutor ward system, 30 students are allotted to a tutor who will be taking care of these students in all academic and personal well being. The students are requested to utilize the resourceful faculty effectively.

All the students are requested to avoid mobile phones and travel by two wheelers considering their safety and security.

Placement and Training Division

The placement cell functions round the clock throughout the year to establish contact with reputed multinational companies, well established industrial organizations and plays an important role in locating various job opportunities and placing large number of students every year at these organizations.

Activities of the Training Division

- ☆ Arranges trainings for personality and interpersonal skill development
- ☆ Assists the students to get in-plant training
- ☆ Arranges industrial visits
- ☆ Creates awareness on the opportunities open for higher studies
- ☆ Arranges coaching classes for GATE, GRE, TOEFL, IELTS, IAS, IES etc.

Placement Record

Academic Year	Students Placed
2013-14	85%
2014-15	95%
2015-16	95%
2016-17	93%
2017-18	95%
2018-19	95%
2019-20	95%
2020-21	96%
2021-22	95%
2022-23	484*

* till October 2022

Details of Placed Students : 2021-22

MST Rebar Ser	18	Microchip	3
Econstruction Design and Build Pvt. Ltd.	8	TCS - Digital KAAR	10 22
VL and Engg.		Virtusa	17
Construction Pvt. Ltd	11	EmbedUR	1
TCS - NINJA	134	NTT Datea	4
CTS - GENC	232	Excelacom	3
WIPRO	159	Support Studio Tech.	5
Mu Sigma	43	Secure Kloud	10
ZOHO	13	CETAS	4
HARMAN	4	Tech Mahendra	10
CTSGENC-ELEVATE	16	FORBES MARSHALL	2
MINDTREE	27	RK POWER GEN Pvt.	2
CAPGEMINI	16	RAMPAL Pvt. Ltd	2
HCL Technology	5	Adroit Soft	33
INFOSYS	14	Shiash	8
EATON	4	Unisys	11
MY MEDICAL SHOP	3	CSS Corp	3
VOLTECH	16	Other	152
Agency Associates	2		100

Library Working Hours

8.30 a.m. to 8.30 p.m. (On all the working days)

8.30 a.m. to 10.00 p.m. (During the examination days)



SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE

(An Autonomous Institution)

Puducherry - 605 107

ACADEMIC CALENDAR

2022-2023

IV SEM

Use of Cell Phones

It has been decided **not to permit cell phones inside the college campus**. If any student is found using the cell phone inside the college campus, it would be confiscated and will not be returned back on any circumstances. Hence the students are instructed not to attend the college with the mobile phones.

Dress Code

The students are requested to attend the college neatly dressed. While the male students should attend the college with the shirts neatly tucked in and with the shoes, the female students are permitted to come with churidar and dupatta properly pinned. Students wearing full hand shirts should wear it as such without folding it to half etc. Casual wears like jeans, T-shirts etc., both for boys and girls are strictly prohibited inside the campus. Each department has prescribed uniforms for the labs. The students are requested to strictly adhere to the dress codes as well as the rules and regulations of the college.

Maintenance of Discipline

Discipline is an important factor that shapes one's personality. It is considered as a golden key capable of opening many doors. This institution expects each and every student to follow the rules and regulations in total. Maintaining discipline in the campus will promote a conducive environment for studies.

Working hours

I hour	09.00 a.m to	09.50 a.m
II hour	09.50 a.m to	10.40 a.m
Break	10.40 a.m to	10.55 a.m
III hour	10.55 a.m to	11.45 a.m
IV hour	11.45 a.m to	12.35 p.m
V hour	01.15 p.m to	02.05 p.m
VI hour	02.05 p.m to	02.55 p.m
Break	02.55 p.m to	03.10 p.m
VII hour	03.10 p.m to	04.00 p.m
YVIII hour	04.00 p.m to	04.50 p.m
Lunch break	12.35 p.m to	1:15 p.m.

SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE

An Autonomous Institution

(Accredited by NBA-AICTE, New Delhi, NAAC with "A" Grade)

Madagadipet, Puducherry - 605 107



Academic Calendar

March 2023 to August 2023

Name :

Programme : B.Tech.

Department :

Year / Sem : II Year / IV Sem.

நிபந்தனைகள்



அன்பு செய்யுங்கள், பாடுக்கும் அடிமையாகாதீர்கள்;
இரக்கம் காட்டுங்கள், எவ்வித தீயும் ஏமாந்துவிடாதீர்கள்;
பணிவைப் போற்றுவீர்கள், எந்த நிலையிலும் கோழியாகாதீர்கள்;
கண்டிப்பாக இருங்கள், எப்போதும் கோபப்படாதீர்கள்;
சிக்கலாக வாழ்வீர்கள், சுறுசுறுப்பாக மாறுவீர்கள்;
விரயமாக இருங்கள், போக்கிரிகளாக மாறுவீர்கள்;
சுறுசுறுப்பாக இருங்கள், பதுட்டம் அடையாதீர்கள்;
வொருளைத் தேடுங்கள், வொருளைப் பிடிவீர்கள்;
உழைப்பையும் உருப்படுவீர்கள்;
உண்மையை நம்புங்கள், உயர்வடைவீர்கள்!

என்றும் அன்புடன்,
ஆசிரியர்கள்.

About Autonomous

Sri Manakula Vinayagar Engineering College has been conferred with Autonomous Status by the University Grants Commission on 26th September 2019 and the same was approved by Pondicherry University on 19th June 2020. SMVEC Autonomous Regulations R2020 is followed for the students admitted from the Academic Year 2020-21 onwards.

Awards and Credentials

Our Institution got many awards and credentials since its inception. Some of the credentials achieved during the academic Years 2020-21 and 2021-22 are :

- ❖ Data Quest ranked in 46th position among the top 100 Technical schools overall in India 2021-22
- ❖ Winner of International Blockchain skill summit hackathon 2022
- ❖ Winner of Unisys Innovation (Y13) 2022
- ❖ Winner of Smar India Hackathon - 2022
- ❖ Winner of Virtusa Jatayu - 2022
- ❖ 4-Star rating from IIC-MHRD Innovation Council, New delhi
- ❖ ATAL Ranking award - ARIIA 2021 ranked in the "Excellent Band Category"
- ❖ Edufuture Excellence award and e-campus Award from Zee News - 2021
- ❖ Virtusa Campus Partner
- ❖ Best Engineering College from National Educational Excellence Award
- ❖ Best Performing Institute Award 2022 by Eduskills in collaboration with AICTE
- ❖ Best Engineering College Award from ICT Academy in the year 2022

HIGHLIGHTS OF SMVECAUTONOMOUS REGULATIONS

- ❖ Industry 4.0 ready curriculum
- ❖ Focus on Multidisciplinary and skill development courses to create extensive career opportunities
- ❖ Certifications Courses
- ❖ Internships
- ❖ Orientation towards entrepreneurship
- ❖ Choice to learn IELTS / Foreign Languages
- ❖ Supplementary Examination in 5th and 8th semester for the students having maximum of 2 arrears

Certification Courses

We provide 91 International Associate level Certification courses through 17 Centre of Excellences from IBM, Google, Cisco, Microsoft, Autodesk, Texas instruments, Festo, Bentley, Schneider Electric, Amazon web services, Siemens, Tally, DELL, EMC, Harita Techserv, PTC, LN and Excellence in Technology & Didactic solutions. All students should enrol in one certification course from semester I to VI.

Industrial Training / Internship

Students may undergo training or internship during summer / winter vacation at an Industry/ Research organization. Students are also permitted to undergo internships during their eighth semester after the completion of theory classes.

August 2023

Date	Day	Schedule	Working day Holiday
1	Mon		
2	Tue		
3	Wed		
4	Thu		
5	Fri		
6	Sat		
7	Sun		Holiday
8	Mon	Tentative End Semester Theory Exam	
9	Tue		
10	Wed		
11	Thu		
12	Fri		
13	Sat		
14	Sun		Holiday
15	Mon	Independence Day	Holiday
16	Tue	De Jure Transfer Day	Holiday
17	Wed		
18	Thu		
19	Fri		
20	Sat		
21	Sun		Holiday
22	Mon		
23	Tue		
24	Wed		
25	Thu		
26	Fri		
27	Sat		
28	Sun		Holiday
29	Mon		
30	Tue		
31	Wed		
Total number of working days : Total number of holidays :			
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July 2023

Date	Day	Schedule	Working day/ Holiday
1	Sat	Assignment III	79
2	Sun		Holiday
3	Mon	Model Theory Exam Starts	80
4	Tue		81
5	Wed		82
6	Thu		83
7	Fri		84
8	Sat	Submission of Attendance and Assesment Record III	85
8	Sun		Holiday
10	Mon	Model Exam Result Analysis Submission	86
11	Tue		87
12	Wed	Model Practical Starts	88
13	Thu		89
14	Fri		90
15	Sat		Holiday
16	Sun		Holiday
17	Mon		91
18	Tue		92
19	Wed	Last Working Day	93
20	Thu	End Semester Practical Exam	
21	Fri		
22	Sat		
23	Sun		Holiday
24	Mon		
25	Tue	Value added Course – Starts	
26	Wed		
27	Thu		
28	Fri	Value added Course – End	
29	Sat		
30	Sun		Holiday

Total number of working days : 15

Total number of holidays : 04

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SRI MANAKULAVINAYAGAR ENGINEERING COLLEGE

VISION

To be globally recognized for excellence in quality education, innovation and research for the transformation of lives to serve the society.

MISSION

- M1: Quality Education:** To provide comprehensive academic system that amalgamates the cutting edge technologies with best practices.
- M2: Research and Innovation:** To foster value-based research and innovation in collaboration with industries and institutions globally for creating intellectuals with new avenues.
- M3: Employability and Entrepreneurship:** To inculcate the employability and entrepreneurial skills through value and skill based training.
- M4: Ethical Values:** To instill deep sense of human values by blending societal righteousness with academic professionalism for the growth of society.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VISION

To create a productive learning and research environment for graduates to become highly dynamic, competent, ethically responsible, professionally knowledgeable in the field of computer science and engineering to meet the industrial needs on par with global standards.

MISSION

- M1: Quality Education:** Empowering the students with the necessary technical skills through quality education to grow professionally.
- M2: Innovative Research:** Advocating the innovative research ideas by incorporating with industries for developing products and services.
- M3: Placement and Entrepreneurship:** Advancing the education by strengthening the Industry-academic relationship through hands-on training to seek placement in the top most industries or to develop a start - ups.
- M4: Ethics and Social Responsibilities:** Stimulating professional behaviour and good ethical values to improve the leadership skills and social responsibilities.

PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)

PEO1: Competitive Platform: To create a competitive platform for solving critical problems in a wide variety of fields.

PEO2: Exploration: Enthusiastic participation in learning, understanding, designing and applying new innovative research ideas as the field evolves.

PEO3: Career: Applying cutting-edge technology that improves knowledge and to commit students for life-long learning to reach the leading positions in the career.

PEO4: Professional Values: Simulate the graduates to hold the responsibilities in the context of technology, ethics, society and humanity.

PROGRAMME SPECIFIC OUTCOMES (PSOs)

PSO1: Computational Skills: Graduates with the ability to apply basic knowledge of Computer Science in solving critical problems.

PSO2: Studios Research: Ability to convert innovative ideas into research or society oriented projects through current trending technologies.

PSO3: Employability: Acquire placement in highly reputed industries or accomplish new technical business skills with the contemporary trends in the industry.

June 2023

Date	Day	Schedule	Working day/ Holiday
1	Thu		55
2	Fri	Submission of Attendance and Assessment Record II	56
3	Sat	CAT II Ends / SCC / GP / Seminar / GL / Placement / AA	57
4	Sun		Holiday
5	Mon	CAT 2 Result Analysis	58
6	Tue		59
7	Wed		60
8	Thu		61
9	Fri		62
10	Sat	Special coaching classes / GP / Seminar / GL / Placement / Academic Activities	63
11	Sun		Holiday
12	Mon		64
13	Tue		65
14	Wed		66
15	Thu		67
16	Fri		68
17	Sat		Holiday
18	Sun		Holiday
19	Mon		69
20	Tue		70
21	Wed		71
22	Thu		72
23	Fri		73
24	Sat	Special coaching classes / GP / Seminar / GL / Placement / Academic Activities	74
25	Sun		Holiday
26	Mon		75
27	Tue	Online Feedback-3 from the students and Analysis	76
28	Wed	QCM - 3	77
29	Thu	Bakrid	Holiday
30	Fri	Syllabus coverage Submission 3	78
Total number of working days : 24			
Total number of holidays : 06			
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May 2023

Date	Day	Schedule	Working day Holiday
1	Mon	May Day	Holiday
2	Tue	CAT 1 Result Analysis Submission	30
3	Wed		31
4	Thu		32
5	Fri		33
6	Sat	Special coaching classes / GP / Seminar / GL / Placement / Academic Activities	34
7	Sun		Holiday
8	Mon		35
9	Tue		36
10	Wed		37
11	Thu		38
12	Fri		39
13	Sat	Special coaching classes / GP / Seminar / GL / Placement / Academic Activities	40
14	Sun		Holiday
15	Mon		41
16	Tue		42
17	Wed		43
18	Thu		44
19	Fri		45
20	Sat		Holiday
21	Sun		Holiday
22	Mon		46
23	Tue		47
24	Wed	Online Feedback-2 from the students and Analysis	48
25	Thu	QCM - 2	49
26	Fri	Syllabus coverage Submission 2	50
27	Sat	Assignment II / SCC / GP / Seminar / GL / Placement / AA	51
28	Sun		Holiday
29	Mon	CAT II Starts (1½ units)	52
30	Tue		53
31	Wed		54

Total number of working days : 25

Total number of holidays : 06

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PROGRAM OUTCOMES (POs)

Engineering graduates will be able to

- PO1: Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.
- PO2: Problem analysis:** Identify, formulate, review, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.
- PO3: Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety and the cultural, societal and environmental considerations.
- PO4: Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data and synthesis of the information to provide valid conclusions.
- PO5: Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
- PO6: The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- PO7: Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of and need for sustainable development.
- PO8 : Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- PO9: Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams and in multidisciplinary settings.
- PO10: Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- PO11: Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- PO12: Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Supplementary Examinations

Supplementary examination is an additional examination conducted within a month of time after declaring the results of end semester examination. In order to complete the program within 4 years, the student with maximum of two arrears will be permitted to appear for supplementary examination. The supplementary examination will be conducted in fifth and eighth semester only. For supplementary examination, the continuous assessment marks of the last attempt will be considered.

Re-earn of Continuous Assessment Mark (CAM)

In the first attempt of writing the End Semester Examination of a course if a student fails, he / she can retain the existing CAM and proceeds to write the supplementary exams / End Semester Examinations as and when they are conducted. If a student wishes to re-earn the continuous assessment Marks (CAM), he / she has to re-register by paying the prescribed fee for the course when it is offered next in the subsequent academic year. The student has to re-earn the CAM by taking up all the internal tests, assignments and presentation as per the norms of regulations clause 7.2.

Benefits

- ❖ More number of students will receive the degree within the stipulated time
- ❖ Industries prefer to recruit students with no standing arrears. If the supplementary examinations are conducted then more number of students will be eligible for the recruitment
- ❖ **Photo copy of answer book**
After the publication of the result, photocopy of the answer booklet shall be provided to the student on request with stipulated fee fixed by the College from time to time

Requirements for Appearing End Semester Examination

A student is expected to maintain 100% attendance in all courses as attendance also carries internal marks (Clause 10.3). A student will be qualified to appear for end semester examinations in a particular course of a semester only if he/she satisfies the below mentioned requirements.

The student is permitted to appear for End Semester Examinations, only if he/she maintains minimum 75% of attendance. If he/she secured attendance greater than or equal to 60 % and less than 75% in any course in the current semester can be considered in case of the following reasons:

- i. Medical reasons (hospitalization / accident and or illness)
- ii. Due to participation in sports events or any competitions or NCC / NSS activities with prior written permission from the Head of the Institution / Dean Academics through the Head of the Department

He/she has to pay the necessary condonation prescribed by the college authority with necessary supporting documents for his/her absence.

April 2023

Date	Day	Schedule	Working day/ Holiday
1	Sat	Special coaching classes / GP / Seminar / GL / Placement / Academic Activities	9
2	Sun		Holiday
3	Mon		10
4	Tue		11
5	Wed		12
6	Thu		13
7	Fri	Good Friday	Holiday
8	Sat	Special coaching classes / GP / Seminar / GL / Placement / Academic Activities	14
8	Sun		Holiday
10	Mon		15
11	Tue		16
12	Wed		17
13	Thu		18
14	Fri	Tamil New Year / Dr. B.R. Ambedkar Birthhday	Holiday
15	Sat		Holiday
16	Sun		Holiday
17	Mon	Online Feedback-1 from the students and Analysis	19
18	Tue	QCM-1	20
19	Wed		21
20	Thu	Syllabus coverage Submission 1	22
21	Fri	Ramzan	Holiday
22	Sat	Assignment I / SCC / GP / Seminar / GL / Placement / AA	23
23	Sun		Holiday
24	Mon	CAT I Starts (1 ½ units)	24
25	Tue		25
26	Wed		26
27	Thu		27
28	Fri	Submission of Attendance and Assessment Record I	28
29	Sat	CAT I Ends / SCC / GP / Seminar / GL / Placement / AA	29
30	Sun		Holiday
Total number of working days : 21			
Total number of holidays : 09			
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March 2023

Date	Day	Schedule	Working day/ Holiday
1	Wed		
2	Thu		
3	Fri		
4	Sat		
5	Sun		Holiday
6	Mon		
7	Tue		
8	Wed		
9	Thu		
10	Fri		
11	Sat		
12	Sun		Holiday
13	Mon		
14	Tue		
15	Wed		
16	Thu		
17	Fri		
18	Sat		
19	Sun		Holiday
20	Mon		
21	Tue		
22	Wed		
23	Thu	Commencement of classes for II year	1
24	Fri		2
25	Sat		3
26	Sun		Holiday
27	Mon		4
28	Tue		5
29	Wed		6
30	Thu		7
31	Fri		8
Total number of working days : 8			
Total number of holidays : 01			
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- ❖ The student shall be considered for exemption from the prescribed attendance requirement for the reasons stated above and if exempted, the student shall be permitted to appear for the end semester examination of that course. In all such cases, the students should have submitted the required documents on joining after the absence, to the Head of the Department through the Class Advisor.
- ❖ If any student is suspended for any reason during the semester, the days of suspension of a student on disciplinary grounds will be considered as days of absence for calculating the percentage of attendance for each individual course.

Provision for Withdrawal from Examination

- ❖ **Complete Withdrawal (applicable only for nil arrear students):** A student, who is eligible to appear for the semester examinations, will be permitted to withdraw from appearing for the entire End Semester Examinations as one unit (*Complete Withdrawal*) for valid reasons and on the recommendation of the Head of the Department and with the approval of the Dean Academics. Complete Withdrawal application shall be made before the commencement of the first examination pertaining to the semester. Such withdrawal shall be permitted **only once** during the entire programme.
- ❖ A student who has completely withdrawn from appearing for end semester examinations in a particular semester should appear for the examinations of all the withdrawn subjects in the next semester itself.
- ❖ If all other conditions are satisfactory, the candidate who withdraws is also eligible to be awarded DISTINCTION whereas he/she is not eligible to be awarded a rank.

Punctuality in Attendance

The students are requested to keep up punctuality in attending the college. The late comers will be losing their attendance and in turn the internal marks. Hence all the students are requested to attend the college in time. A student shall be permitted to appear for the End Semester Examination at the end of the semester only if he / she **secures not less than 75% of overall attendance.**

Redo Category

A student who secures overall attendance less than 60% has to repeat the course with the approval, when it is next offered. A student secures attendance greater than or equal to 60% and less than 75% will be promoted to next higher semester only if loss of attendance is due to medical reasons(hospitalization/ accident/illness) or participation in sports event or any competitions or NCC or NSS activities with prior permission from the Head of Institution through the Head of the department with necessary supporting documents and payment of necessary condonation fee as prescribed by the college authority. However student secures more than 75% of attendance in the current semester will be moved to next higher semester.

**Marks Distribution of Continuous Assessment Marks (CAM) and
End Semester Examination Marks (ESM)
Scheme for Continuous Assessment Test (CAT)**

S. No	Course Type	Continuous Assessment components									
		Test Marks	Average of pre/post test/ viva for each experiment	Average of marks for experiment report for each experiment	Model Exam / Report	Assignment	Review - 1	Review - 2	Review - 3	Attendance	Total
1.	Theory	15	-	-	-	5	-	-	-	5	25
2.	Practical	-	10	15	15	-	-	-	-	10	50
3.	Project Phase-I	-	-	-	-	-	15	15	20	-	50
4.	Project Phase-II	-	-	-	-	-	10	10	20	-	40

**The internal marks will be provided fully based on the continuous assessment tests
Weightage of Assessment for Theory Course**

S. No.	Test	Portion for Test	Test Marks	Duration of Test	Weightage for Internal
1	CAT 1	1½ Units	50	1 ½ hours	10
2	CAT 2	1½ Units	50	1 ½ hours	
3	Model	5 Units	75	3 hours	05
Continuous Assessment for Theory Course					15

Question Paper Pattern

Question paper for CAT and ESE will be based on the pattern shown in Table (a) and (b)

Table (a) Question Paper pattern for CAT/Model Exam

Test Type	2 Marks	5 Marks	10 Marks	Total Marks
CAT 1 / CAT 2	5(questions) (10 Marks)	4(questions) (20 Marks)	2 (questions) (20 Marks)	50
Model	End Semester Examination Question Pattern			75

Table (b) Question paper pattern for End semester Examination(ESE)

2 Marks	5 Marks	10 Marks	Total Marks
10(20 Marks)	5 (25 Marks) (one question from each unit)	3 (30 Marks) (one question from each unit)	75

End Semester Examination Question Paper Pattern for Six Units Courses

Course	2 Mark	5 Mark	8 / 9 Mark	Total Marks
Part A	5	2 (out of 3 questions, one from each unit)	one 8 mark question (out of 2 questions from Unit I and Unit II)	37
			One 9 mark question (compulsory question from unit III)	
Part B	5	2 (out of 3 questions, one from each unit)	Two 9 mark questions (out of 3 questions from IV, V & VI)	38

Important points for the kind attention of the Parents

Dear Parents !

Marks in the **continuous assessment test** decide the major part of the Continuous Assessment Marks. So, availing leave for the continuous assessment test must be avoided at any cost as this would seriously affect the continuous assessment marks.

Practicals are very important not only to score more marks but also it will help to understand the theory part of the subject. Hence advice your ward not to avail leave during practical classes.

Please spare your **valuable time to talk to your son/daughter every day and try to understand what he/she is doing in respect of his/her studies.** Kindly extend all your support to your son/daughter which will help them to come out successfully. For any assistance from our side you may always feel free to contact the respective Coordinator / HOD any time during the working hours.

Gold Medals and Top Ten Ranks

The details of the University Goldmedals and Top Ten Ranks bagged by our students are given below.

Year of Passing	Gold Medals	Top Ten Ranks
2012	9	58
2013	7	56
2014	7	56
2015	12	71
2016	8	72
2017	10	94
2018	11	74
2019	12	71

Gold Medals and Ranks

As per the Regulation 2020, for the Award of Gold Medal and ranks for each branch of study, the CGPA secured from 1st to 8th semester should be considered and it is mandatory that the candidate should have passed all the subjects from 1st to 8th semester in the first attempt. Rank Certificates would be issued to the first five candidates in each branch of study.

Distribution of Attendance marks for theory : 5 marks

The distribution of 5 marks for theory class attendance is as follows :
5 marks for 95% attendance and above
4 marks for 90% attendance and above but below 95%
3 marks for 85% attendance and above but below 90%
2 marks for 80% attendance and above but below 85%
1 mark for 75% attendance and above but below 80%

Distribution of Attendance marks for practical : 10 marks

The distribution of 10 marks for practical class attendance is as follows :
10 marks for 95% attendance and above
8 marks for 90% attendance and above but below 95%
6 marks for 85% attendance and above but below 90%
4 marks for 80% attendance and above but below 85%
2 marks for 75% attendance and above but below 80%

Note : Students should not be absent for the online classes/regular classes. Attendance for the online classes/regular classes are monitored systematically and recorded. Continuous assessment mark will be based on the performance of the students in the continuous assessment tests, assignment and attendance percentage.

Assignments : 5 marks

Out of 25 continuous assessment marks, 5 marks will be awarded for the assignment. The assignment questions will be different for each and every student. The students have to submit 3 assignments in each subject. The best 2 out of 3 assignments will be considered for marking.

Women Empowerment Cell

For the welfare of the girl students, a Women Cell has been constituted in the college. The girl students may approach the Chairperson / members for assistance. Mail id : wec@smvec.ac.in

Grievance Redressal Cell

There is a Grievance Redressal Cell under the Chairmanship of the Director of the institution. Students are requested to approach the Chairman / members to redress their grievances. Mail id : grievance@smvec.ac.in

Anti Ragging Cell

Ragging is strictly prohibited in the campus. Prevention of Sexual Harassment (POSH) cell has been constituted for the benefit of students to report against ragging. Mail id : antiragging@smvec.ac.in

Importance of CAT-I/CAT-II/ Model Examination

Continuous assessment marks are awarded for the performance in the CAT-I, CAT-II & Model Exam, Hence all the students are requested to prepare well for each test / examination to earn the maximum continuous assessment marks.

Undertaking Minor / Major Projects

Each student is advised to take atleast one minor project. Involving in the project will be helping to understand the basics of the subject. Some of the minor / major project will also be benefiting the society. Moreover, the Management awards cash prizes for the best projects in each department.

Participation in the Curricular / Co-curricular / Extra curricular Activities

All the students are encouraged to participate in the curricular / co-curricular / extra curricular activities. Involvement in these activities will improve their knowledge level in the subject. If a student or a team gets cash prize / award in the technical event organized by the recognised institutions, then the management of this institution will also sanction an amount equivalent to the winning award / cash prize as a token of appreciation.

Leave Account Record

For each student, leave account record has been provided. The students are instructed to show the leave record to their parents and strictly adhere to the instructions given for availing the leave. The leave account record should be maintained properly and prior approval must be obtained for availing the leave. In exceptional cases, the students are permitted to get the approval after availing the leave.

Transport Facility

61 buses have been arranged for the students to reach the college from Puducherry, Kanagachettikulam, Thiruchitrambalam X Road, Villupuram, Neyveli, Panruti, Vadalur, Kurunchipadi, Cuddalore, Nellikuppam, Madukarai, Tindivanam, Ulundurpet, Thirukoilur, Chidambaram, Tiruvannamalai and Virudhachalam covering almost all the areas. Separate transport facility has been arranged for the students who remain in the college after 5 p.m. for utilising computer lab, library and sports facilities. The students are requested to utilise the transport facility.

Tutor Ward System

In the tutor ward system, 30 students are allotted to a tutor who will be taking care of these students in all academic and personal well being. The students are requested to utilize the resourceful faculty effectively.

All the students are requested to avoid mobile phones and travel by two wheelers considering their safety and security.

Placement and Training Division

The placement cell functions round the clock throughout the year to establish contact with reputed multinational companies, well established industrial organizations and plays an important role in locating various job opportunities and placing large number of students every year at these organizations.

Activities of the Training Division

- ☆ Arranges trainings for personality and interpersonal skill development
- ☆ Assists the students to get in-plant training
- ☆ Arranges industrial visits
- ☆ Creates awareness on the opportunities open for higher studies
- ☆ Arranges coaching classes for GATE, GRE, TOEFL, IELTS, IAS, IES etc.

Placement Record

Academic Year	Students Placed
2013-14	85%
2014-15	95%
2015-16	95%
2016-17	93%
2017-18	95%
2018-19	95%
2019-20	95%
2020-21	96%
2021-22	95%
2022-23	841*

* till March 2023

Details of Placed Students : 2022-23

SOPRA STERIA	10	CARATLANE	6
CTS	199	AVALON	8
TCS	243	CSSCORP	3
EMBEDUR	5	MSI	4
ZOHO	18	ZENTIENCE	5
VIRTUSA	43	EMERSON	1
Multicore Ware	1	ABISHOWA	1
Accenture - PEGA	4	DR. AXION	8
TVM Infotech	3	STARENGINEERING	1
Web Digital Manthra	3	FSS	7
Incedo	27	INTEGRA	84
UNISYS	6	JUSTDIAL	36
KAAR	5	KARUR VYSYA BANK	13
Societe Generale	6	OPPO Mobiles	9
HEXAWARE	11	TCS MBA	3
MICROCHIP	2	Fasttrack HR services	9
RENAULT NISSAN	1	OTHERS	76
ZIFO	3	TOTAL	841

Library Working Hours

8.30 a.m. to 8.30 p.m. (On all the working days)
8.30 a.m. to 10.00 p.m. (During the examination days)



SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE

(An Autonomous Institution)

Puducherry - 605 107

ACADEMIC CALENDAR

2022-2023

V SEM

Use of Cell Phones

It has been decided **not to permit cell phones inside the college campus**. If any student is found using the cell phone inside the college campus, it would be confiscated and will not be returned back on any circumstances. Hence the students are instructed not to attend the college with the mobile phones.

Dress Code

The students are requested to attend the college neatly dressed. While the male students should attend the college with the shirts neatly tucked in and with the shoes, the female students are permitted to come with churidar and dupatta properly pinned. Students wearing full hand shirts should wear it as such without folding it to half etc. Casual wears like jeans, T-shirts etc., both for boys and girls are strictly prohibited inside the campus. Each department has prescribed uniforms for the labs. The students are requested to strictly adhere to the dress codes as well as the rules and regulations of the college.

Maintenance of Discipline

Discipline is an important factor that shapes one's personality. It is considered as a golden key capable of opening many doors. This institution expects each and every student to follow the rules and regulations in total. Maintaining discipline in the campus will promote a conducive environment for studies.

Working hours

I hour	09.00 a.m to 09.50 a.m
II hour	09.50 a.m to 10.40 a.m
Break	10.40 a.m to 10.55 a.m
III hour	10.55 a.m to 11.45 a.m
IV hour	11.45 a.m to 12.35 p.m
V hour	01.15 p.m to 02.05 p.m
VI hour	02.05 p.m to 02.55 p.m
Break	02.55 p.m to 03.10 p.m
VII hour	03.10 p.m to 04.00 p.m
VIII hour	04.00 p.m to 04.50 p.m
Lunch break	12.35 p.m. to 1.15 p.m.

SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE

An Autonomous Institution

(Accredited by NBA-AICTE, New Delhi, NAAC with "A" Grade)

Madagadipet, Puducherry - 605 107



Academic Calendar

October 2022 to March 2023

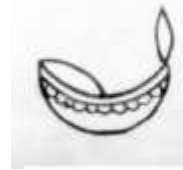
Name :

Programme : B.Tech.

Department : Computer Science and Business Systems

Year / Sem : III Year / V Sem.

நீங்கள்



அன்பு செய்துள்ளோம், யாருக்கும் அடிமைப்பாடுகளை;
இரக்கம் காட்டுங்கள், எவ்வித தீர்ப்பும் ஏமாந்துவிடாதீர்கள்;
பணியைப் போற்றுவீர்கள், எந்த நிலையிலும் கோழியாகாதிர்கள்;
கண்டிப்பாக இருங்கள், எப்போதும் கோபப்படாதீர்கள்;
சிக்கலாக வாழ்வுகள், கருவியாக மாறுவீர்கள்;
விரிவாக இருங்கள், போக்கிரிகளாக மாறுவீர்கள்;
கற்றுக்கொள்ளுங்கள், பழம் அடையாதீர்கள்;
வாழ்க்கைத் தேடுங்கள், கோபத்தைப் போடாதீர்கள்;
உழைப்பை நம்புங்கள், உறுப்படுவீர்கள்;
உண்மையை நம்புங்கள், உயர்வடைவீர்கள்!

என்றும் அன்புடன்,
ஆசிரியர்கள்.

About Autonomous

Sri Manakula Vinayagar Engineering College has been conferred with Autonomous Status by the University Grants Commission on 26th September 2019 and the same was approved by Pondicherry University on 19th June 2020. SMVEC Autonomous Regulations R2020 is followed for the students admitted from the Academic Year 2020-21 onwards.

Awards and Credentials

Our Institution got many awards and credentials since its inception. Some of the credentials achieved during the academic Years 2020-21 and 2021-22 are :

- ❖ Data Quest ranked in 46th position among the top 100 Technical schools overall in India 2021-22
- ❖ Winner of International Blockchain skill summit hackathon 2022
- ❖ Winner of Unisys Innovation (Y13) 2022
- ❖ Winner of Smar India Hackathon - 2022
- ❖ Winner of Virtusa Jatayu - 2022
- ❖ 4-Star rating from IIC-MHRD Innovation Council, New delhi
- ❖ ATAL Ranking award - ARIIA 2021 ranked in the “Excellent Band Category”
- ❖ Edufuture Excellence award and e-campus Award from Zee News - 2021
- ❖ Virtusa Campus Partner
- ❖ Best Engineering College from National Educational Excellence Award

HIGHLIGHTS OF SMVECAUTONOMOUSREGULATIONS

- ❖ Industry 4.0 ready curriculum
- ❖ Focus on Multidisciplinary and skill development courses to create extensive career opportunities
- ❖ Certifications Courses
- ❖ Internships
- ❖ Orientation towards entrepreneurship
- ❖ Choice to learn IELTS / Foreign Languages
- ❖ Supplementary Examination in 5th and 8th semester for the students having maximum of 2 arrears

Certification Courses

We provide 91 International Associate level Certification courses through 17 Centre of Excellences from IBM, Google, Cisco, Microsoft, Autodesk, Texas instruments, Festo, Bentley, Schneider Electric, Amazon web services, Siemens, Tally, DELL, EMC, Harita Techserv, PTC, LN and Excellence in Technology & Didactic solutions. All students should enrol in one certification course from semester I to VI.

Industrial Training / Internship

Students may undergo training or internship during summer / winter vacation at an Industry/ Research organization. Students are also permitted to undergo internships during their eighth semester after the completion of theory classes.

March 2023

Date	Day	Schedule	Working day/ Holiday
1	Wed		
2	Thu		
3	Fri		
4	Sat		
5	Sun		Holiday
6	Mon		
7	Tue		
8	Wed		
9	Thu		
10	Fri		
11	Sat		
12	Sun		Holiday
13	Mon		
14	Tue		
15	Wed		
16	Thu		
17	Fri		
18	Sat		
19	Sun		Holiday
20	Mon		
21	Tue		
22	Wed		
23	Thu		
24	Fri		
25	Sat		
26	Sun		Holiday
27	Mon		
28	Tue		
29	Wed		
30	Thu		
31	Fri		
Total number of working days :			
Total number of holidays :			

PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)

PEO1: To apply computer science and business concepts to solve the real world problems

PEO2: To develop professional skills in contemporary areas of computer science and business systems to obtain employability and pursue higher education

PEO3: To reconcile business demands with state-of-the art technologies by providing innovative solutions and insightful decisions

PEO4: To ensure ample growth with social and ethical responsibilities

PROGRAMME SPECIFIC OUTCOMES (PSOs)

PSO1: Ability to gain deep knowledge in Computer Science with equal appreciation in humanities, management, sciences and human values.

PSO2: Ability to demonstrate the technical and business skills and provide solutions for the societal needs

PSO3: Ability to engage lifelong learning and bestow innovative contributions to enhance research in the field of computer science and business system

January 2023

Date	Day	Schedule	Working day/ Holiday
1	Sun	New Year	Holiday
2	Mon	Online Feedback-3 from the students and Analysis	54
3	Tue	QCM - 3	55
4	Wed	Assignment - III	56
5	Thu		57
6	Fri	Syllabus coverage and Submission	58
7	Sat	Model Exam starts (5 Units)	59
8	Sun		Holiday
9	Mon		60
10	Tue		61
11	Wed		62
12	Thu		63
13	Fri	Model Exam ends	64
14	Sat		Holiday
15	Sun	Pongal	Holiday
16	Mon	Uzhavar Thirunal	Holiday
17	Tue	Thiruvalluvar Day	Holiday
18	Wed	ES Model Practical / Model Result Analysis & Report Submission	65
19	Thu		66
20	Fri		67
21	Sat		68
22	Sun		Holiday
23	Mon	Submission of Attendance and Assessment-III	69
24	Tue		70
25	Wed		71
26	Thu	Republic Day	Holiday
27	Fri		72
28	Sat	ES Model Practical Ends	73
29	Sun		Holiday
30	Mon		74
31	Tue	Last working day for III and V semester	75
Total number of working days : 22			
Total number of holidays : 09			

December 2022

Date	Day	Schedule	Working day/ Holiday
1	Thu		28
2	Fri		29
3	Sat	GL / Placement / Academic Activities	30
4	Sun		Holiday
5	Mon	CAT- I Result Analysis and Report Submission	31
6	Tue	Online Feedback-2 from the students and Analysis	32
7	Wed	QCM - 2	33
8	Thu	Assignment - II	34
9	Fri		35
10	Sat	Syllabus coverage and Submission/ GL / Placement / Academic Activities	36
11	Sun		Holiday
12	Mon	CAT - II (1½ units)	37
13	Tue		38
14	Wed		39
15	Thu		40
16	Fri		41
17	Sat		Holiday
18	Sun		Holiday
19	Mon		42
20	Tue		43
21	Wed		44
22	Thu		45
23	Fri	CAT- II Result Analysis and Report Submission	46
24	Sat	Special coaching class / GP / Seminar / GL / Placement / Academic Activities	47
25	Sun	Christmas	Holiday
26	Mon		48
27	Tue		49
28	Wed	Submission of Attendance and Assessment-II	50
29	Thu		51
30	Fri		52
31	Sat	Special coaching class / GP / Seminar / GL / Placement / Academic Activities	53

Total number of working days : 26
Total number of holidays : 05

PROGRAM OUTCOMES (POs)

Engineering graduates will be able to

- PO1: Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.
- PO2: Problem analysis:** Identify, formulate, review, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.
- PO3: Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety and the cultural, societal and environmental considerations.
- PO4: Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data and synthesis of the information to provide valid conclusions.
- PO5: Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
- PO6: The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- PO7: Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of and need for sustainable development.
- PO8 : Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- PO9: Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams and in multidisciplinary settings.
- PO10: Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- PO11: Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- PO12: Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

October 2022

Date	Day	Schedule	Working day/ Holiday
1	Sat		
2	Sun	Gandhi Jayanthi	Holiday
3	Mon		
4	Tue	Saraswathi Pooja	Holiday
5	Wed	Vijayadashami	Holiday
6	Thu		
7	Fri		
8	Sat		
9	Sun		Holiday
10	Mon		
11	Tue		
12	Wed		
13	Thu		
14	Fri		
15	Sat		
16	Sun		Holiday
17	Mon		
18	Tue		
19	Wed		
20	Thu		
21	Fri		
22	Sat		Holiday
23	Sun		Holiday
24	Mon	Deepavali	Holiday
25	Tue		
26	Wed		
27	Thu		
28	Fri	Commencement of III and V semester	1
29	Sat		2
30	Sun		Holiday
31	Mon		3
Total number of working days : 03			
Total number of holidays : 01			
----- -----			

- ❖ The student shall be considered for exemption from the prescribed attendance requirement for the reasons stated above and if exempted, the student shall be permitted to appear for the end semester examination of that course. In all such cases, the students should have submitted the required documents on joining after the absence, to the Head of the Department through the Class Advisor.
- ❖ If any student is suspended for any reason during the semester, the days of suspension of a student on disciplinary grounds will be considered as days of absence for calculating the percentage of attendance for each individual course.

Provision for Withdrawal from Examination

- ❖ **Complete Withdrawal (applicable only for nil arrear students):** A student, who is eligible to appear for the semester examinations, will be permitted to withdraw from appearing for the entire End Semester Examinations as one unit (*Complete Withdrawal*) for valid reasons and on the recommendation of the Head of the Department and with the approval of the Dean Academics. Complete Withdrawal application shall be made before the commencement of the first examination pertaining to the semester. Such withdrawal shall be permitted **only once** during the entire programme.
- ❖ A student who has completely withdrawn from appearing for end semester examinations in a particular semester should appear for the examinations of all the withdrawn subjects in the next semester itself.
- ❖ If all other conditions are satisfactory, the candidate who withdraws is also eligible to be awarded **DISTINCTION** whereas he/she is not eligible to be awarded a rank.

Punctuality in Attendance

The students are requested to keep up punctuality in attending the college. The late comers will be losing their attendance and in turn the internal marks. Hence all the students are requested to attend the college in time. A student shall be permitted to appear for the End Semester Examination at the end of the semester only if he / she **secures not less than 75% of overall attendance.**

Redo Category

A student who secures overall attendance less than 60% has to repeat the course with the approval, when it is next offered. A student secures attendance greater than or equal to 60% and less than 75% will be promoted to next higher semester only if loss of attendance is due to medical reasons (hospitalization/ accident/illness) or participation in sports event or any competitions or NCC or NSS activities with prior permission from the Head of Institution through the Head of the department with necessary supporting documents and payment of necessary condonation fee as prescribed by the college authority. However student secures more than 75% of attendance in the current semester will be moved to next higher semester.

**Marks Distribution of Continuous Assessment Marks (CAM) and
End Semester Examination Marks (ESM)
Scheme for Continuous Assessment Test (CAT)**

S. No	Course Type	Continuous Assessment components									
		Test Marks	Average of pre/post test/ viva for each experiment	Average of marks for experiment report for each experiment	Model Exam / Report	Assignment	Review - 1	Review - 2	Review - 3	Attendance	Total
1.	Theory	15	-	-	-	5	-	-	-	5	25
2.	Practical	-	10	15	15	-	-	-	-	10	50
3.	Project Phase-I	-	-	-	-	-	15	15	20	-	50
4.	Project Phase-II	-	-	-	-	-	10	10	20	-	40

**The internal marks will be provided fully based on the continuous assessment tests
Weightage of Assessment for Theory Course**

S. No.	Test	Portion for Test	Test Marks	Duration of Test	Weightage for Internal
1	CAT 1	1½ Units	50	1 ½ hours	10
2	CAT 2	1½ Units	50	1 ½ hours	
3	Model	5 Units	75	3 hours	05
Continuous Assessment for Theory Course					15

Question Paper Pattern

Question paper for CAT and ESE will be based on the pattern shown in Table (a) and (b)

Table (a) Question Paper pattern for CAT/Model Exam

Test Type	2 Marks	5 Marks	10 Marks	Total Marks
CAT 1/ CAT 2	5(questions) (10 Marks)	4(questions) (20 Marks)	2 (questions) (20 Marks)	50
Model	End Semester Examination Question Pattern			75

Table (b) Question paper pattern for End semester Examination(ESE)

2 Marks	5 Marks	10 Marks	Total Marks
10(20 Marks)	5 (25 Marks) (one question from each unit)	3 (30 Marks) (one question from each unit)	75

End Semester Examination Question Paper Pattern for Six Units Courses

Course	2 Mark	5 Mark	8 / 9 Mark	Total Marks
Part A	5	2 (out of 3 questions, one from each unit)	one 8 mark question (out of 2 questions from Unit I and Unit II) One 9 mark question (compulsory question from unit III)	37
Part B	5	2 (out of 3 questions, one from each unit)	Two 9 mark questions (out of 3 questions from IV, V & VI)	38

Important points for the kind attention of the Parents

Dear Parents !

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2 marks for 80% attendance and above but below 85%
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Distribution of Attendance marks for practical : 10 marks

The distribution of 10 marks for practical class attendance is as follows :
10 marks for 95% attendance and above
8 marks for 90% attendance and above but below 95%
6 marks for 85% attendance and above but below 90%
4 marks for 80% attendance and above but below 85%
2 marks for 75% attendance and above but below 80%

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Grievance Redressal Cell

There is a Grievance Redressal Cell under the Chairmanship of the Director of the institution. Students are requested to approach the Chairman / members to redress their grievances. Mail id : grievance@smvec.ac.in

Anti Ragging Cell

Ragging is strictly prohibited in the campus. Prevention of Sexual Harassment (POSH) cell has been constituted for the benefit of students to report against ragging. Mail id : antiragging@smvec.ac.in

Importance of CAT-I/CAT-II/Model Examination

Continuous assessment marks are awarded for the performance in the CAT-I, CAT-II & Model Exam, Hence all the students are requested to prepare well for each test / examination to earn the maximum continuous assessment marks.

Undertaking Minor / Major Projects

Each student is advised to take atleast one minor project. Involving in the project will be helping to understand the basics of the subject. Some of the minor / major project will also be benefiting the society. Moreover, the Management awards cash prizes for the best projects in each department.

Participation in the Curricular / Co-curricular / Extra curricular Activities

All the students are encouraged to participate in the curricular / co-curricular / extra curricular activities. Involvement in these activities will improve their knowledge level in the subject. If a student or a team gets cash prize / award in the technical event organized by the recognised institutions, then the management of this institution will also sanction an amount equivalent to the winning award / cash prize as a token of appreciation.

Leave Account Record

For each student, leave account record has been provided. The students are instructed to show the leave record to their parents and strictly adhere to the instructions given for availing the leave. The leave account record should be maintained properly and prior approval must be obtained for availing the leave. In exceptional cases, the students are permitted to get the approval after availing the leave.

Transport Facility

61 buses have been arranged for the students to reach the college from Puducherry, Kanagachettikulam, Thiruchitrabalam X Road, Villupuram, Neyveli, Panruti, Vadalur, Kurunchipadi, Cuddalore, Nellikuppam, Madukarai, Tindivanam, Ulundurpet, Thirukoilur, Chidambaram, Tiruvannamalai and Virudhachalam covering almost all the areas. Separate transport facility has been arranged for the students who remain in the college after 5 p.m. for utilising computer lab, library and sports facilities. The students are requested to utilise the transport facility.

Tutor Ward System

In the tutor ward system, 30 students are allotted to a tutor who will be taking care of these students in all academic and personal well being. The students are requested to utilize the resourceful faculty effectively.

All the students are requested to avoid mobile phones and travel by two wheelers considering their safety and security.

Placement and Training Division

The placement cell functions round the clock throughout the year to establish contact with reputed multinational companies, well established industrial organizations and plays an important role in locating various job opportunities and placing large number of students every year at these organizations.

Activities of the Training Division

- ☆ Arranges trainings for personality and interpersonal skill development
- ☆ Assists the students to get in-plant training
- ☆ Arranges industrial visits
- ☆ Creates awareness on the opportunities open for higher studies
- ☆ Arranges coaching classes for GATE, GRE, TOEFL, IELTS, IAS, IES etc.

Placement Record

Academic Year	Students Placed
2013-14	85%
2014-15	95%
2015-16	95%
2016-17	93%
2017-18	95%
2018-19	95%
2019-20	95%
2020-21	96%
2021-22	95%
2022-23	484*

* till October 2022

Details of Placed Students : 2021-22

MST Rebar Ser	18	Microchip	3
Econstruction Design and Build Pvt. Ltd.	8	TCS - Digital KAAR	10 22
VL and Engg.		Virtusa	17
Construction Pvt. Ltd	11	EmbedUR	1
TCS - NINJA	134	NTT Datea	4
CTS - GENC	232	Excelacom	3
WIPRO	159	Support Studio Tech.	5
Mu Sigma	43	Secure Kloud	10
ZOHO	13	CETAS	4
HARMAN	4	Tech Mahendra	10
CTSGENC-ELEVATE	16	FORBES MARSHALL	2
MINDTREE	27	RK POWER GEN Pvt.	2
CAPGEMINI	16	RAMPAL Pvt. Ltd	2
HCL Technology	5	Adroit Soft	33
INFOSYS	14	Shiash	8
EATON	4	Unisys	11
MY MEDICAL SHOP	3	CSS Corp	3
VOLTECH	16	Other	152
Agency Associates	2		100

Library Working Hours

8.30 a.m. to 8.30 p.m. (On all the working days)

8.30 a.m. to 10.00 p.m. (During the examination days)



SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE

(An Autonomous Institution)

Puducherry - 605 107

ACADEMIC CALENDAR

2022-2023

VI SEM

Use of Cell Phones

It has been decided **not to permit cell phones inside the college campus**. If any student is found using the cell phone inside the college campus, it would be confiscated and will not be returned back on any circumstances. Hence the students are instructed not to attend the college with the mobile phones.

Dress Code

The students are requested to attend the college neatly dressed. While the male students should attend the college with the shirts neatly tucked in and with the shoes, the female students are permitted to come with churidar and dupatta properly pinned. Students wearing full hand shirts should wear it as such without folding it to half etc. Casual wears like jeans, T-shirts etc., both for boys and girls are strictly prohibited inside the campus. Each department has prescribed uniforms for the labs. The students are requested to strictly adhere to the dress codes as well as the rules and regulations of the college.

Maintenance of Discipline

Discipline is an important factor that shapes one's personality. It is considered as a golden key capable of opening many doors. This institution expects each and every student to follow the rules and regulations in total. Maintaining discipline in the campus will promote a conducive environment for studies.

Working hours

I hour	09.00 a.m to 09.50 a.m
II hour	09.50 a.m to 10.40 a.m
Break	10.40 a.m to 10.55 a.m
III hour	10.55 a.m to 11.45 a.m
IV hour	11.45 a.m to 12.35 p.m
V hour	01.15 p.m to 02.05 p.m
VI hour	02.05 p.m to 02.55 p.m
Break	02.55 p.m to 03.10 p.m
VII hour	03.10 p.m to 04.00 p.m
VIII hour	04.00 p.m to 04.50 p.m
Lunch break	12.35 p.m. to 1.15 p.m.

SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE

An Autonomous Institution

(Accredited by NBA-AICTE, New Delhi, NAAC with "A" Grade)

Madagadipet, Puducherry - 605 107



Academic Calendar

March 2023 to August 2023

Name :

Programme : B.Tech.

Department :

Year / Sem : III Year / VI Sem.

நிபந்தனைகள்



அன்பு வசம்பங்கள், பாடல்களும் அடிமையாகாதீர்கள்;
இரக்கம் காட்டுங்கள், எவ்வித தீர்ப்பும் ஏமாந்துவிடாதீர்கள்;
பணியைப் போற்றுங்கள், எந்த நிலைமையிலும் கோழியாகாதீர்கள்;
கண்டிப்பாக இருங்கள், எப்போதும் கோபப்பாடீர்கள்;
சிக்கலாக வாழ்வுகள், சுறுசுறுப்பாக வாழாதீர்கள்;
விரயமாக இருங்கள், போக்சிவிகளாக மாறாதீர்கள்;
சுறுசுறுப்பாக இருங்கள், பதுங்கி அடையாதீர்கள்;
வொருளைத் தேடுங்கள், பேராசைப் பாடீர்கள்;
உழைப்பை நம்புங்கள், உருப்படுகீர்கள்;
உண்மையை நம்புங்கள், உயர்வடைவீர்கள்!

என்றும் சின்புடன்,
ஆசிரியர்கள்.

About Autonomous

Sri Manakula Vinayagar Engineering College has been conferred with Autonomous Status by the University Grants Commission on 26th September 2019 and the same was approved by Pondicherry University on 19th June 2020. SMVEC Autonomous Regulations R2020 is followed for the students admitted from the Academic Year 2020-21 onwards.

Awards and Credentials

Our Institution got many awards and credentials since its inception. Some of the credentials achieved during the academic Years 2020-21 and 2021-22 are :

- ❖ Data Quest ranked in 46th position among the top 100 Technical schools overall in India 2021-22
- ❖ Winner of International Blockchain skill summit hackathon 2022
- ❖ Winner of Unisys Innovation (Y13) 2022
- ❖ Winner of Smar India Hackathon - 2022
- ❖ Winner of Virtusa Jatayu - 2022
- ❖ 4-Star rating from IIC-MHRD Innovation Council, New delhi
- ❖ ATAL Ranking award - ARIIA 2021 ranked in the “Excellent Band Category”
- ❖ Edufuture Excellence award and e-campus Award from Zee News - 2021
- ❖ Virtusa Campus Partner
- ❖ Best Engineering College from National Educational Excellence Award

HIGHLIGHTS OF SMVECAUTONOMOUSREGULATIONS

- ❖ Industry 4.0 ready curriculum
- ❖ Focus on Multidisciplinary and skill development courses to create extensive career opportunities
- ❖ Certifications Courses
- ❖ Internships
- ❖ Orientation towards entrepreneurship
- ❖ Choice to learn IELTS / Foreign Languages
- ❖ Supplementary Examination in 5th and 8th semester for the students having maximum of 2 arrears

Certification Courses

We provide 91 International Associate level Certification courses through 17 Centre of Excellences from IBM, Google, Cisco, Microsoft, Autodesk, Texas instruments, Festo, Bentley, Schneider Electric, Amazon web services, Siemens, Tally, DELL, EMC, Harita Techserv, PTC, LN and Excellence in Technology & Didactic solutions. All students should enrol in one certification course from semester I to VI.

Industrial Training / Internship

Students may undergo training or internship during summer / winter vacation at an Industry/ Research organization. Students are also permitted to undergo internships during their eighth semester after the completion of theory classes.

August 2023

Date	Day	Schedule	Working day/ Holiday
1	Mon	End Semester Practical Exam	
2	Tue		
3	Wed		
4	Thu		
5	Fri		
6	Sat		
7	Sun		Holiday
8	Mon	Value added Course Starts	
9	Tue		
10	Wed		
11	Thu	Value added Course Ends	
12	Fri		
13	Sat		
14	Sun		Holiday
15	Mon	Independence Day	Holiday
16	Tue	De Jure Transfer Day	Holiday
17	Wed		
18	Thu		
19	Fri		
20	Sat		
21	Sun		Holiday
22	Mon		
23	Tue	End Semester Theory Exam	
24	Wed		
25	Thu		
26	Fri		
27	Sat		
28	Sun		Holiday
29	Mon		
30	Tue		
31	Wed		
Total number of working days : Total number of holidays :			
.....			

July 2023

Date	Day	Schedule	Working day/ Holiday
1	Sat		79
2	Sun		Holiday
3	Mon		80
4	Tue		81
5	Wed	Assignment III	82
6	Thu		83
7	Fri		84
8	Sat		85
8	Sun		Holiday
10	Mon		86
11	Tue		87
12	Wed	Online feedback 3 from the students and Analysis	88
13	Thu	QCM 3	89
14	Fri	Syllabus Coverage Submission 3	90
15	Sat		Holiday
16	Sun		Holiday
17	Mon	Model Exam Theory	91
18	Tue		92
19	Wed		93
20	Thu		94
21	Fri		95
22	Sat	Submission of Attendance and Assessment Record III	96
23	Sun		Holiday
24	Mon	Model Exam Practical	97
25	Tue	Model Exam Result Analysis	98
26	Wed		99
27	Thu		100
28	Fri		101
29	Sat	Last Working Day	102
30	Sun		Holiday
Total number of working days : 24			
Total number of holidays : 06			

SRI MANAKULAVINAYAGAR ENGINEERING COLLEGE

VISION

To be globally recognized for excellence in quality education, innovation and research for the transformation of lives to serve the society.

MISSION

- M1: Quality Education:** To provide comprehensive academic system that amalgamates the cutting edge technologies with best practices.
- M2: Research and Innovation:** To foster value-based research and innovation in collaboration with industries and institutions globally for creating intellectuals with new avenues.
- M3: Employability and Entrepreneurship:** To inculcate the employability and entrepreneurial skills through value and skill based training.
- M4: Ethical Values:** To instill deep sense of human values by blending societal righteousness with academic professionalism for the growth of society.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VISION

To create a productive learning and research environment for graduates to become highly dynamic, competent, ethically responsible, professionally knowledgeable in the field of computer science and engineering to meet the industrial needs on par with global standards.

MISSION

- M1: Quality Education:** Empowering the students with the necessary technical skills through quality education to grow professionally.
- M2: Innovative Research:** Advocating the innovative research ideas by incorporating with industries for developing products and services.
- M3: Placement and Entrepreneurship:** Advancing the education by strengthening the Industry-academic relationship through hands-on training to seek placement in the top most industries or to develop a start - ups.
- M4: Ethics and Social Responsibilities:** Stimulating professional behaviour and good ethical values to improve the leadership skills and social responsibilities.

PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)

PEO1: Competitive Platform: To create a competitive platform for solving critical problems in a wide variety of fields.

PEO2: Exploration: Enthusiastic participation in learning, understanding, designing and applying new innovative research ideas as the field evolves.

PEO3: Career: Applying cutting-edge technology that improves knowledge and to commit students for life-long learning to reach the leading positions in the career.

PEO4: Professional Values: Simulate the graduates to hold the responsibilities in the context of technology, ethics, society and humanity.

PROGRAMME SPECIFIC OUTCOMES (PSOs)

PSO1: Computational Skills: Graduates with the ability to apply basic knowledge of Computer Science in solving critical problems.

PSO2: Studios Research: Ability to convert innovative ideas into research or society oriented projects through current trending technologies.

PSO3: Employability: Acquire placement in highly reputed industries or accomplish new technical business skills with the contemporary trends in the industry.

June 2023

Date	Day	Schedule	Working day/ Holiday
1	Thu		55
2	Fri		56
3	Sat	Special coaching classes / GP / Seminar / GL / Placement / Academic Activities	57
4	Sun		Holiday
5	Mon		58
6	Tue		59
7	Wed	Online feedback 2 from the students and Analysis	60
8	Thu	QCM 2	61
9	Fri	Syllabus Coverage Submission 2	62
10	Sat	Special coaching classes / GP / Seminar / GL / Placement / Academic Activities	63
11	Sun		Holiday
12	Mon	CAT 2 (1½ units)	64
13	Tue		65
14	Wed		66
15	Thu		67
16	Fri		68
17	Sat		Holiday
18	Sun		Holiday
19	Mon		69
20	Tue		70
21	Wed	CAT 2 Result Analysis Submission	71
22	Thu		72
23	Fri	Submission of Attenance and Assessment Record II	73
24	Sat	Special coaching classes / GP / Seminar / GL / Placement / Academic Activities	74
25	Sun		Holiday
26	Mon		75
27	Tue		76
28	Wed		77
29	Thu	Bakrid	Holiday
30	Fri		78
Total number of working days : 24			
Total number of holidays : 06			
----- : -----			
----- : -----			

May 2023

Date	Day	Schedule	Working day/ Holiday
1	Mon	May Day	Holiday
2	Tue		30
3	Wed		31
4	Thu		32
5	Fri		33
6	Sat	Special coaching classes / GP / Seminar / GL / Placement / Academic Activities	34
7	Sun		Holiday
8	Mon		35
9	Tue		36
10	Wed		37
11	Thu		38
12	Fri		39
13	Sat	Special coaching classes / GP / Seminar / GL / Placement / Academic Activities	40
14	Sun		Holiday
15	Mon		41
16	Tue		42
17	Wed		43
18	Thu		44
19	Fri		45
20	Sat		Holiday
21	Sun		Holiday
22	Mon	Assignment II	46
23	Tue		47
24	Wed		48
25	Thu		49
26	Fri		50
27	Sat	SCC / GP / Seminar / GL / Placement / AA	51
28	Sun		Holiday
29	Mon		52
30	Tue		53
31	Wed		54

Total number of working days : 25
Total number of holidays : 06

PROGRAM OUTCOMES (POs)

Engineering graduates will be able to

- PO1: Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.
- PO2: Problem analysis:** Identify, formulate, review, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.
- PO3: Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety and the cultural, societal and environmental considerations.
- PO4: Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data and synthesis of the information to provide valid conclusions.
- PO5: Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
- PO6: The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- PO7: Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of and need for sustainable development.
- PO8 : Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- PO9: Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams and in multidisciplinary settings.
- PO10: Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- PO11: Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- PO12: Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

March 2023

Date	Day	Schedule	Working day/ Holiday
1	Wed		
2	Thu		
3	Fri		
4	Sat		
5	Sun		Holiday
6	Mon		
7	Tue		
8	Wed		
9	Thu		
10	Fri		
11	Sat		
12	Sun		Holiday
13	Mon		
14	Tue		
15	Wed		
16	Thu		
17	Fri		
18	Sat		
19	Sun		Holiday
20	Mon		
21	Tue		
22	Wed	Commencement of classes for III year	1
23	Thu		2
24	Fri		3
25	Sat		4
26	Sun		Holiday
27	Mon		5
28	Tue		6
29	Wed		7
30	Thu		8
31	Fri		9
Total number of working days : 11			
Total number of holidays : 01			

- ❖ The student shall be considered for exemption from the prescribed attendance requirement for the reasons stated above and if exempted, the student shall be permitted to appear for the end semester examination of that course. In all such cases, the students should have submitted the required documents on joining after the absence, to the Head of the Department through the Class Advisor.
- ❖ If any student is suspended for any reason during the semester, the days of suspension of a student on disciplinary grounds will be considered as days of absence for calculating the percentage of attendance for each individual course.

Provision for Withdrawal from Examination

- ❖ **Complete Withdrawal (applicable only for nil arrear students):** A student, who is eligible to appear for the semester examinations, will be permitted to withdraw from appearing for the entire End Semester Examinations as one unit (*Complete Withdrawal*) for valid reasons and on the recommendation of the Head of the Department and with the approval of the Dean Academics. Complete Withdrawal application shall be made before the commencement of the first examination pertaining to the semester. Such withdrawal shall be permitted **only once** during the entire programme.
- ❖ A student who has completely withdrawn from appearing for end semester examinations in a particular semester should appear for the examinations of all the withdrawn subjects in the next semester itself.
- ❖ If all other conditions are satisfactory, the candidate who withdraws is also eligible to be awarded DISTINCTION whereas he/she is not eligible to be awarded a rank.

Punctuality in Attendance

The students are requested to keep up punctuality in attending the college. The late comers will be losing their attendance and in turn the internal marks. Hence all the students are requested to attend the college in time. A student shall be permitted to appear for the End Semester Examination at the end of the semester only if he / she **secures not less than 75% of overall attendance.**

Redo Category

A student who secures overall attendance less than 60% has to repeat the course with the approval, when it is next offered. A student secures attendance greater than or equal to 60% and less than 75% will be promoted to next higher semester only if loss of attendance is due to medical reasons(hospitalization/ accident/illness) or participation in sports event or any competitions or NCC or NSS activities with prior permission from the Head of Institution through the Head of the department with necessary supporting documents and payment of necessary condonation fee as prescribed by the college authority. However student secures more than 75% of attendance in the current semester will be moved to next higher semester.

**Marks Distribution of Continuous Assessment Marks (CAM) and
End Semester Examination Marks (ESM)
Scheme for Continuous Assessment Test (CAT)**

S. No	Course Type	Continuous Assessment components									
		Test Marks	Average of pre/post test/ viva for each experiment	Average of marks for experiment report for each experiment	Model Exam / Report	Assignment	Review - 1	Review - 2	Review - 3	Attendance	Total
1.	Theory	15	-	-	-	5	-	-	-	5	25
2.	Practical	-	10	15	15	-	-	-	-	10	50
3.	Project Phase-I	-	-	-	-	-	15	15	20	-	50
4.	Project Phase-II	-	-	-	-	-	10	10	20	-	40

**The internal marks will be provided fully based on the continuous assessment tests
Weightage of Assessment for Theory Course**

S. No.	Test	Portion for Test	Test Marks	Duration of Test	Weightage for Internal
1	CAT 1	1½ Units	50	1 ½ hours	10
2	CAT 2	1½ Units	50	1 ½ hours	
3	Model	5 Units	75	3 hours	05
Continuous Assessment for Theory Course					15

Question Paper Pattern

Question paper for CAT and ESE will be based on the pattern shown in Table (a) and (b)

Table (a) Question Paper pattern for CAT/Model Exam

Test Type	2 Marks	5 Marks	10 Marks	Total Marks
CAT 1/ CAT 2	5(questions) (10 Marks)	4(questions) (20 Marks)	2 (questions) (20 Marks)	50
Model	End Semester Examination Question Pattern			75

Table (b) Question paper pattern for End semester Examination(ESE)

2 Marks	5 Marks	10 Marks	Total Marks
10(20 Marks)	5 (25 Marks) (one question from each unit)	3 (30 Marks) (one question from each unit)	75

End Semester Examination Question Paper Pattern for Six Units Courses

Course	2 Mark	5 Mark	8 / 9 Mark	Total Marks
Part A	5	2 (out of 3 questions, one from each unit)	one 8 mark question (out of 2 questions from Unit I and Unit II)	37
			One 9 mark question (compulsory question from unit III)	
Part B	5	2 (out of 3 questions, one from each unit)	Two 9 mark questions (out of 3 questions from IV, V & VI)	38

Important points for the kind attention of the Parents

Dear Parents !

Marks in the **continuous assessment test** decide the major part of the Continuous Assessment Marks. So, availing leave for the continuous assessment test must be avoided at any cost as this would seriously affect the continuous assessment marks.

Practicals are very important not only to score more marks but also it will help to understand the theory part of the subject. Hence advice your ward not to avail leave during practical classes.

Please spare your **valuable time to talk to your son/daughter every day and try to understand what he/she is doing in respect of his/her studies.** Kindly extend all your support to your son/daughter which will help them to come out successfully. For any assistance from our side you may always feel free to contact the respective Coordinator / HOD any time during the working hours.

Gold Medals and Top Ten Ranks

The details of the University Goldmedals and Top Ten Ranks bagged by our students are given below.

Year of Passing	Gold Medals	Top Ten Ranks
2012	9	58
2013	7	56
2014	7	56
2015	12	71
2016	8	72
2017	10	94
2018	11	74
2019	12	71

Gold Medals and Ranks

As per the Regulation 2020, for the Award of Gold Medal and ranks for each branch of study, the CGPA secured from 1st to 8th semester should be considered and it is mandatory that the candidate should have passed all the subjects from 1st to 8th semester in the first attempt. Rank Certificates would be issued to the first five candidates in each branch of study.

Distribution of Attendance marks for theory : 5 marks

The distribution of 5 marks for theory class attendance is as follows :
5 marks for 95% attendance and above
4 marks for 90% attendance and above but below 95%
3 marks for 85% attendance and above but below 90%
2 marks for 80% attendance and above but below 85%
1 mark for 75% attendance and above but below 80%

Distribution of Attendance marks for practical : 10 marks

The distribution of 10 marks for practical class attendance is as follows :
10 marks for 95% attendance and above
8 marks for 90% attendance and above but below 95%
6 marks for 85% attendance and above but below 90%
4 marks for 80% attendance and above but below 85%
2 marks for 75% attendance and above but below 80%

Note : Students should not be absent for the online classes/regular classes. Attendance for the online classes/regular classes are monitored systematically and recorded. Continuous assessment mark will be based on the performance of the students in the continuous assessment tests, assignment and attendance percentage.

Assignments : 5 marks

Out of 25 continuous assessment marks, 5 marks will be awarded for the assignment. The assignment questions will be different for each and every student. The students have to submit 3 assignments in each subject. The best 2 out of 3 assignments will be considered for marking.

Women Empowerment Cell

For the welfare of the girl students, a Women Cell has been constituted in the college. The girl students may approach the Chairperson / members for assistance. Mail id : wec@smvec.ac.in

Grievance Redressal Cell

There is a Grievance Redressal Cell under the Chairmanship of the Director of the institution. Students are requested to approach the Chairman / members to redress their grievances. Mail id : grievance@smvec.ac.in

Anti Ragging Cell

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All the students are encouraged to participate in the curricular / co-curricular / extra curricular activities. Involvement in these activities will improve their knowledge level in the subject. If a student or a team gets cash prize / award in the technical event organized by the recognised institutions, then the management of this institution will also sanction an amount equivalent to the winning award / cash prize as a token of appreciation.

Leave Account Record

For each student, leave account record has been provided. The students are instructed to show the leave record to their parents and strictly adhere to the instructions given for availing the leave. The leave account record should be maintained properly and prior approval must be obtained for availing the leave. In exceptional cases, the students are permitted to get the approval after availing the leave.

Transport Facility

61 buses have been arranged for the students to reach the college from Puducherry, Kanagachettikulam, Thiruchitrambalam X Road, Villupuram, Neyveli, Panruti, Vadalur, Kurunchipadi, Cuddalore, Nellikuppam, Madukarai, Tindivanam, Ulundurpet, Thirukoilur, Chidambaram, Tiruvannamalai and Virudhachalam covering almost all the areas. Separate transport facility has been arranged for the students who remain in the college after 5 p.m. for utilising computer lab, library and sports facilities. The students are requested to utilise the transport facility.

Tutor Ward System

In the tutor ward system, 30 students are allotted to a tutor who will be taking care of these students in all academic and personal well being. The students are requested to utilize the resourceful faculty effectively.

All the students are requested to avoid mobile phones and travel by two wheelers considering their safety and security.

Placement and Training Division

The placement cell functions round the clock throughout the year to establish contact with reputed multinational companies, well established industrial organizations and plays an important role in locating various job opportunities and placing large number of students every year at these organizations.

Activities of the Training Division

- ☆ Arranges trainings for personality and interpersonal skill development
- ☆ Assists the students to get in-plant training
- ☆ Arranges industrial visits
- ☆ Creates awareness on the opportunities open for higher studies
- ☆ Arranges coaching classes for GATE, GRE, TOEFL, IELTS, IAS, IES etc.

Placement Record

Academic Year	Students Placed
2013-14	85%
2014-15	95%
2015-16	95%
2016-17	93%
2017-18	95%
2018-19	95%
2019-20	95%
2020-21	96%
2021-22	95%
2022-23	841*

* till March 2023

Details of Placed Students : 2022-23

SOPRA STERIA	10	CARATLANE	6
CTS	199	AVALON	8
TCS	243	CSSCORP	3
EMBEDUR	5	MSI	4
ZOHO	18	ZENTIENCE	2
VIRTUSA	43	EMERSON	1
MULTICOREWARE	1	ABISHOWA	1
ACCENTURE PEGA	4	DR. AXION	8
TVM INFOTECH	3	Star Engineering	1
Web Digital Manthra	3	FSS	7
INCEDO	1	INTEGRA	84
UNISYS	13	JUSTDIAL	36
KAAR	5	KARUR VYSYA BANK	13
Societe Generale	6	OPPO Mobiles	9
HEXAWARE	11	TCS-MBA	1
MICROCHIP	2	Fasttrack HR services	9
RENAULT NISSAN	1	OTHERS	76
ZIFO	3	TOTAL	841

Library Working Hours

8.30 a.m. to 8.30 p.m. (On all the working days)

8.30 a.m. to 10.00 p.m. (During the examination days)