

Quality initiatives by IQAC

1.1 Quality Performance Assessment

1.1.1 Academic & Administrative Audit (AAA)

Academic & Administrative Audit of the institute is conducted once in a year. The departments are assessed based on the quality parameters covering Department practice, Curriculum Design and Development, Infrastructure and Learning Resources, Research, Consultancy and Extension. Also mainly focuses on Infrastructure & Learning Resources, Organization and Governance, Innovative Practices and Placement & Progression. IQAC helps in the conduct of Academic & Administrative Audit. It is conducted by a team comprising of both internal members and headed by the IQAC coordinator and Principal.

1.1.2 Institutional Values and Best Practices

SVCE strongly believes in fostering the dignity & value of every individual. Gender equity promotion Programmes are organized every year. The Institute ensures safety & security of students and employees by providing security personnel and CCTV surveillance. Counseling & common rooms for girls are provided. All necessary information is communicated to the students through digital media.

The Institute is keen in effective utilization of natural resources, 93.41 % annual power requirement is met by solar energy sources, remaining extra power are supplied to the grid. About 23.42% annual lighting power requirement is met through LED bulbs. Effective waste management is ensured at all levels. More than Rs. 8 lakhs is spent on green initiatives for paperless office and plastic free environment.

SVCE is situated in prime location of Bengaluru city. It is continuously reciprocating with its neighbours to address the locational advantages & problems by conducting more than 80 initiatives.

Code of conduct handbook for students and teachers & core values of the Institute is available on the Institute website. The Institute is profound on celebrating National festivals to

uphold the Majesty & integrity of the country. Human Values and professional ethics are being taught in the curriculum. The Institute strictly adheres to the rules and regulations of the University, AICTE and Govt. of Karnataka. The Institute has conducted 35 activities for promotion of Universal values. Academic & administrative audits are also in place. Meditation classes and design thinking classes are conducted regularly to create holistic learning environment and to ignite the young minds.

1.1.3 Academic Calendar:

At the beginning of the academic year the college will set the academic calendar as per the University requirements and IQAC guidelines and follow strongly as per the schedule which is shown in the template of Figure 1 and Figure 2

SRI VENKATESHWARA COLLEGE OF ENGINEERING, BENGALURU-562157		Format No.	ACDD1											
ISO 9001:2008 CERTIFIED INSTITUTION *NBA ACCREDITED		Rev. No.	01											
CALENDAR OF EVENTS		Date	01/08/2016											
		Page	1 of 1											
V and VII BE: ACADEMIC YEAR 2018-2019: TERM AUG 2018- NOV 2018(Tentative)														
Month	NW	SU	MON	TU	W	TH	F	S	S	NID	HOLIDAYS(S) AND EVENTS	MEETING(S)	COURSE EVENT(S)	DATE(S)
JULY/AUG/SEP	1		31	1	2	3	4	5	6	7	01-8-18 Commencement of Classes for 5 Sem	SM (1-07-18)		
	2	5	6	7	8	9	10	11	12	13	06-8-18 Commencement of Classes for 5 Sem	TM (7-08-18)		
	3	12	13	14	15	16	17	18	19	20	15-08-18 Independence day	BM (17-08-18)	Initial Feedback	16-8-18 to 18-8-18
	4	19	20	21	22	23	24	25	26	27	22-08-18 Bakrid			
SEP/OCT	5	28	29	30	31	1	2	3	4	5		CTM (29-08-18) HM (30-8-18)		
	6	2	3	4	5	6	7	8	9	10		CRM (5-9-18)		
	7	9	10	11	12	13	14	15	16	17	13-9-18 Ganesh Chaturthi	HOD (11-09-18) DM (12-09-18)	Attendance Calculation/ Display	upto 14-9-18/ 15-9-18
	8	16	17	18	19	20	21	22	23	24	21-9-18 Last Day of Muharram	TM (19-09-18)	1 st IA	17-9-18 to 19-9-18
	9	23	24	25	26	27	28	29	30	31		CTM (26-09-18) CM(27-09-18) HM (29-09-18)	1 st IA Marks Display PR Messaging	24-9-18 27-09-18
	10	30	1	2	3	4	5	6	7	8	2-10-18 Gandhi Jayanti		1 st Parents & Teachers Meet Mid Level Students Feedback	06-10-18 3-10-18 to 5-10-18
OCT/NOV	11	7	8	9	10	11	12	13	14	15	8-10-18 Mahalaya Amavasya	HOD (11-10-18) DM (12-10-18)		
	12	14	15	16	17	18	19	20	21	22	18-10-18 Ayudha puja 19-10-18 Vijaydashami			
	13	21	22	23	24	25	26	27	28	29	24-10-18 Valmiki Jayanti			
	14	28	29	30	31	1	2	3	4	5	1-11-18 Kannada Rajyotsava 3-11-18 Wednesday Time Table	CRM (31-10-18) HM (30-10-18)	IA Practical Exam	29-10-18 to 03-11-18
NOV/DEC	15	4	5	6	7	8	9	10	11	12	6-11-18 Naraka Chaturthi 10-11-18 Monday time table 8-11-18 Bullpujyam	CTM (09-11-18) BM(10-11-18)	Attendance Calculation/ Display Final Feedback	upto 9-11-18/ 10-11-18 9-11-18 to 10-11-18
	16	11	12	13	14	15	16	17	18	19	17-11-18 Wednesday Time Table	HOD (15-11-18) DM(16-11-18)	2 nd IA 2 nd Parents & Teachers Meet	12-11-18 to 14-11-18 17-11-18
	17	18	19	20	21	22	23	24	25	26	21-11-18 Id-E-Malad 24-11-18 Wednesday time table	Course exit survey (23-11-18)	2 nd IA Marks Display PR Messaging Final marks display	19-11-18 20-11-18 24-11-18
	18	25	26	27	28	29	30**	31			26-11-18 Karakadasa Jayanti	HM (30-11-18)		
Total No. of Instruction Days										83				
VTU EXAMS: V & VII SEMESTER										BE PRACTICALS :				
**NOTE: Nov 30 th Last Working Day (Tentative) *NBA ACCREDITED: EC/ECS/EAM										THEORY :				
IMPORTANT - MINIMUM CONSISTENCY ATTENDANCE REQUIREMENT														
1 st IA - 75%					2 nd IA - 75%					By the End of Semester - 85%				

Note: Schedule of Departmental, Cultural, Sports, Placement, PDP, Internet, Edusat and Library will be notified separately by the concerned Departments / In-Charge.
 ABBREVIATIONS: CRM- Class Representatives Meeting (VVK); TM - Transport Meeting (GVP); AM - Alumni Meet (Dr. VRB); HOD - HoD's Meeting (Dr. GRM); SM - Staff Meeting (Dr. CHM);
 DM - Departmental Meeting (Resp. Hoby); CTM - Class Teacher's Meeting (Dr. LMS); CM - Different Committee Meeting (Resp. In charges); NID - No. of Instruction Days; NW - No of Wee-
 PR - Progress Report, TMM- Top Management Meeting BM- Budget meeting, HM- hostel meeting (Dr. AVV)
 Copy To: All the HODs for Circulation & NB Display
 1. FCE 2, CSE 3, SE 4, ME 5, EE 6, CE 7, BS 8, MBA 9, Mechatronics 10, PG Coordinators 11, Exam Section 12, Main Office 13, Principal's File 14, Library 15, Main NB 15, Placement Office 16, Sports 17, Hostel

Principal
SVCE

Figure 1: Template of Institute Academic Calendar.

SVCE		SRI VENKATESHWARA COLLEGE OF ENGINEERING, BANGALORE - JRU-562 157										Format No.	ACD01			
SVCE		DEPARTMENT OF E&CE (NBA ACCREDITED)										Rev. No.	01			
SVCE		CALENDAR OF EVENTS										Date	01/08/2016			
SVCE		VII SEM BE: ACADEMIC YEAR 2018-2019: TERM-AUG 2018 TO NOV-2018										Page	1 of 1			
Month	NW	SU	M	T	W	Th	F	S	SAT	SUN	HOLIDAYS/AND EVENTS	MEETINGS	COURSE EVENT(S)	DATE(S)		
JULY/AUG/SEPT	1										06-08-18 Commencement of Classes	SM (11-07-18)	Technical Seminar	09-08-18		
	2	05	6	7	8	9	10	11	12	13	15-08-18 Independence day	TM (07-08-18)	Initial Feedback	16-08-18		
	3	13	14	15	16	17	18	19	20	21	22-08-18 Bakrid	BM (17-08-18)				
	4	19	20	21	22	23	24	25	26	27		CTM (29-08-18)	IETE sponsored Workshop	29-08-18 to 30-08-18		
	5	26	27	28	29	30	31					HM (30-08-18)	Department Placement training	27-08-18		
SEPT/OCT	6	27	3	4	5	6	7	8	9	10	13-09-18 Ganesh Chaturthi	CRM (05-09-18)	Industrial Visit	07-09-18		
	7	9	10	11	12	13	14	15	16	17	21-09-18 Last day of Muharram	HOD (11-09-18)				
	8	16	17	18	19	20	21	22	23	24		DM (12-09-18)	Attendance calculation / Display	Up to 19-09-18 / 20-09-18		
	9	23	24	25	26	27	28	29	30	31		CM (27-09-18)	1 st IA	24-09-18 to 26-09-18		
	10	29	1	2	3	4	5	6	7	8	02-10-18 Gandhi Jayanthi	HM (29-09-18)	1 st IA marks display	29-09-18		
OCT/NOV	11	25	26	27	28	29	30	31			08-10-18 Mahalaya Amavasya	CTM (04-10-18)	1 st Parents & Teachers meet	01-10-18		
	12	13	14	15	16	17	18	19	20	21	18-10-18 Ayudha Pooja	HOD (11-10-18)	Mid-level students feedback	03-10-18 to 06-10-18		
	13	19	20	21	22	23	24	25	26	27	19-10-18 Vijaydashami	DM (12-10-18)	Guest Lecture	10-10-18		
	14	16	17	18	19	20	21	22	23	24	24-10-18 Vasantski Jayanthi	CRM (31-10-18)				
	15	14	15	16	17	18	19	20	21	22	01-11-18 Kanada Rajyotsava	HM (30-10-18)				
NOV/DEC	16	11	12	13	14	15	16	17	18	19	06-11-18 Naraka Chaturthi	BM (10-11-18)	Final feedback	14-11-18 to 17-11-18		
	17	18	19	20	21	22	23	24	25	26	10-11-18 Monday Time table	CTM (13-11-18)	1 st IA Practical Exam	12-11-18 to 17-11-18		
	18	22	23	24	25	26	27	28	29	30	17-11-18 Wednesday Time Table	HOD (14-11-18)	2 nd Parents & Teachers Meet	17-11-18		
	19	27	28	29	30	1	2	3	4	5	08-11-18 Baljadyami	DM (15-11-18)	Attendance calculation / Display	Up to 19-11-18 / 20-11-18		
	20	24	25	26	27	28	29	30	1	2	21-11-18 Id-e-Milad	Course exit survey (23-11-18)	2 nd IA	22-11-18 to 24-11-18		
21	26	27	28	29	30	1	2	3	4	5	26-11-18 Karakada Jayanthi	HM (30-11-18)	2 nd IA marks display	28-11-18		
22	3	4	5	6	7	8	9	10	11	12			PR Messaging	29-11-18		
23	10	11	12	13	14	15	16	17	18	19			Final Marks Display	30-11-18		
Total No. of Instruction Days											82					
VYU EXAMS: VII SEMESTER											BE PRACTICALS : 06-12-18 to 14-12-18			THEORY: 17-12-18 to 18-01-19		
IMPORTANT - MINIMUM CONSISTENT ATTENDANCE REQUIREMENT																
1 st IA - 75%											By the End of Semester - 85%					

Figure 2: Template of Department Academic Calendar.

1.1.4 Result analysis:

The IQAC considering the importance of maintaining the quality in the process of generation of Question Paper, and adopted Question Paper Delivery System (QPDS), which is developed by our faculty members. This system has various levels of security making it mostly tamper proof and supposedly tackles the menace of question paper leakage. Our institute has adopted the process in a very systematic way and all the problems have been overcome. The examination committee takes care of the entire process of examination by conducting internal and external examination in time to time as per the schedule. Internal Assessment (IA) tests are conducted as per the calendar of events. Complete transparency is ensured in the entire assessment process. QPDS is being used to generate IA question papers 30 minutes before the test. The course instructors evaluate with scheme of evaluation of the test books within one week from the date of conduct of test.

➤ Analysis

The analysis of the Internal Assessment and university examination is carried out after the declaration of the results and then further proper action is initiated by identifying and Supporting Weak Students and Encourage Bright Students.

➤ **Action Taken**

- **Support Weak Students:**

The IQAC and department take special care in the evaluation process of the students and find out the strengths and weakness. The department mainly focuses on the ways to uplift the students rather than focusing on weaknesses. Remedial classes/workshops are conducted to the students, who are secured less marks in internals as well as some of simple assignments are given so that they can improve their learning skills.

- **Encouraging Bright Students**

The IQAC and department identifies the bright students based on their performance in the Examination as well as the students who score beyond the limit set by the department. The students are encouraged and guided based on their area of strength. The analysis of the students will be carried out by encouraging the students to get involved in fests, mini project, project exhibition, conferences, seminars and group discussion. The students try to expose their strengths and weakness which intern motivates them to upgrade their knowledge in relevant field. Students are encouraged to participate in the International and national level events. There by encouraging students to attend GATE coaching classes as well as motivating them to present papers in reputed conferences.

1.1.5 IQAC Feedback Mechanism

➤ **Student Feedback and Actions Taken:**

- **Student Feedback:**

The Student feedback is taken online 3 times in a semester; at the beginning, mid-term and at the end of the semester feedback is conducted. It is based on teaching learning process.

In the beginning of semester based on the subject preferential matrix and the skill set of the faculty all the faculty will be assigned with their expertise subject and domain. The programme coordinator, IQAC coordinator and department academic committee keeps a close view of the performance of the faculty member. After the duration of one month the initial feedback is taken for individual subject and a proper analysis will be carried out. Based on the feedback of the faculty in their respective subject, the program

coordinator, IQAC coordinator and the academic members will suggest the necessary improvements to be carried out if the feedback of faculty drops down beyond the certain limit. Further, the faculty will be send for induction programs, seminars, workshops and faculty development program to give their best for the teaching learning process.

After the duration of two months from the beginning of semester the close observation will be carried out for the faculty members regarding their feedback and analysis will be done. So, based on their performance faculty members will be motivated to improve further and communicate in best manner to students.



 SVCE Estd: 2001	Sri Venkateshvara College of Engineering Vidyanagar, Bengaluru – 562157		Format No.	ACD09A			
			Rev. No.	01			
			Date	01/08/2018			
			Page	1 of 1			
Programme:		Semester:	Term:	Date:			
Dear Student: Thank you for taking the time to fill out this questionnaire thoughtfully. The information will be used by your instructor to determine which aspects of the course are particularly which aspects needs improvements							
Kindly give your ratings using the scale:		Excellent : 5	Very Good: 4	Good: 3	Satisfactory: 2	Needs improvement: 1	
Sl. No. and Particulars	Course code:	15MAT31	15EC32	15EC33	15EC34	15EC35	15EC36
	Faculty Name (Initial)						
	Attributes (Weightage)						
1. Course Attainment	a) Teaching methodologies adopted for CO attainment with respective Blooms Knowledge level (25)						
	b) Course material provide for CO Attainment (10)						
2. Teaching quality	a) Preparation of students towards end semester examinations (5)						
	b) The course teacher provides appropriate feedback on course assignment and internal assessments (10)						
	c) Attention/ guidance by the course teacher for slow learners (5)						
	d) Whether examples, case studies, real time applications are given or discussed (15)						
	e) Rate your course teacher strength (5)						
3. Motivation by the teacher to create interest in subject (10)							
4 Attitude of the teacher	a) Helpful and approachable (5)						
	b) Interaction & discussion (5)						
5. Planning and time management (5)							
Total Percentage							

Figure 3: Student feedback.

 SVCE Estd: 2001	Sri Venkateshwara College of Engineering Vidyannagar, Bengaluru – 562157 STUDENTS FEEDBACK FORM	Format No.	ACD09
		Rev.No.	02
		Date	01/08/2016
		Page	1 of 1

Final Feedback on faculty

Programme: E & CE Semester: III Term: Feb 17– June 17 Date: 31/10/2017

This is for you to give us the honest and correct information about the performance feedback of the faculty member. This would help us in improving our system effectively.

Kindly give your ratings using the scale:	Excellent : 5	Very Good: 4	Good: 3	Satisfactory: 2	Needs improvement: 1
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Sl. No. and Particulars	Course code: Faculty Name (Initial)	15MAT31	15EC32	15EC33	15EC34	15EC35	15EC36
Attributes (Weightage)							
1. Clarity in the Course related Contents	a) Description of Course Outcomes and Knowledge levels (5)						
	b) Audibility, Hand writing and drawing sketches (5)						
2. Teaching quality	a) Lecture deliver skills (5)						
	b) Inspiration level (5)						
	c) Depth of topic covered (5)						
	d) Whether examples, case studies, real time applications are given or discussed (5)						
	e) Preparing students towards the end semester examinations (5)						
3. Motivation by the teacher to create interest in subject (5)							
4 Attitude of the teacher	a) Interaction, discussion and Clarification (5)						
5 Planning and time management (5)							
Total Percentage							

Figure 4: Final Feedback

At the end of semester the final analysis of the feedback will be carried out and based on the observation of programme coordinator, IQAC coordinator and department academic committee members will suggest and closely monitor the required improvements to be carried out. The faculty members will be encourage to enhance their knowledge in their respective domain by motivating them to carry out the research activity and publish their manuscript in reputed journals and conference. The Figure 3 and Figure 4 show the template of the student midterm and final feedback.

- **Actions**

Faculty members who are getting less feedback in comparison with the department limit set which is less than 60%, are been asked to discuss with the senior faculty, Programme Coordinator and IQAC coordinator. They are being allowed to undergo training programs and attend workshops. The number of faculty with less feedback is asked to attend the training/ workshops there by improve their teaching.

➤ **Feedback of Faculty, Employers, Alumni and Parents**

The feedback is collected from all Faculty, Employers, Alumni and Parents in order to analyse the performance of the system and further necessary action is initiated.

1.1.6 Encouraging students and faculties to do Mini Projects, Publications, Conferences, Placements and Extra-curricular activities.

The faculty and students are encouraged to do Mini Projects, Publications, Conferences, Placements and Extra-curricular activities every year and contribute to the uplift of the institute.