



**2.5.4 The Academic Calendar for the
conduct of CIE**



Agnel Charities'

Fr. C. Rodrigues Institute of Technology, Vashi, Navi Mumbai.

Institute Calendar



The Institute academic calendar draft is prepared by Dean Academics as per the university guidelines which is placed in HODs and Deans meeting with principal ,discussed in detail and approved with correction if any required before commencement of every semester .

Institute academic calendar accommodate the following major activities;

- Date of beginning and end of semester
- Schedule of co-curricular activities
- Schedule of extra-curricular activities
- Tentative period of various feedback collection
- Tentative period of Industrial visits
- Defaulters monitoring meeting schedule
- Internal Assessment tests (IA) dates
- Preliminary examination dates
- Schedule of term work submission
- Tentative period of practical/oral examination
- Schedule of various academic audits

A sample copy of institute calendar is shown below;



Fr. C. Rodrigues Institute of Technology, Vashi
Institute Academic Calendar for SE, TE, and BE
(SH-2019)

A. Term Outline & Academic Activities

Start of the Term	1st July 2019 (Monday)
IA-1	14 th , 16 th , 19 th August 2019
IA KT Examination (Those students who failed in IA exam in previous semester)	September 3-9, 2019 (from 3.30 to 4.30 pm) (Exam cell will give the time-table for the same)
IA-2	21 st , 23 rd , 24 th September 2019
Last day of Instruction	27 th September 2019 (Friday)
Revision Classes (Departments are required to include slots for revision classes in regular time table apart from the slots reserved here)	30 th September to 5 th October 2019 (Teachers should focus on solving the difficulties faced by students by conducting class or giving problems/assignment and guiding for solving/writing it, conducting re-test/quiz and discussing them where they are lagging, etc.)
Preliminary Examination	7 th to 15 th October 2019
1 st Round of Submission (All clear)	17 th October 2019
Re-prelims+ IA Retest (IA Retest for those students who were 'AB' for IA exam. in this semester with valid reason)	16 th to 24 th October 2019
2 nd Round of Submission (Remaining)	25 th October 2019
Term End	25 th October 2019 (Friday)
Oral/ Practical Examination	30 th October to 04 th November 2019
Theory Examination	Will be declared by the University
Mid-term Break	September 02-07, 2019 (Ganapati Festival)
Winter Vacation Start Date	30 th October 2019
Joining Date After Winter Vacation	19 th December 2019 (Thursday)
Teachers' Orientation Program	21 st December 2019 (Saturday)
Commencement of Classes for Next Sem.	6 th January 2020 (Monday)



Fr. C. Rodrigues Institute of Technology, Vashi
Institute Academic Calendar for SE, TE, and BE
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B. Other Activities


Placement Training Program	June 17-27, 2019 and On every working Saturday during the semester
Trekking	7th, 13th, 14th, 21st, 27th, 28th July 2019
Goa Visit (Departure Date)	EXTC/Comp/IT: 31st July 2019 (Wednesday) Mech / EE: 07th August 2019 (Wednesday)
1st Feedback on Teaching-Learning Process	July 22-26, 2019
Online Feedback (2nd Feedback on Teaching-Learning Process, Extracurricular, Facilities & Course Exit Survey)	September 25-30, 2019
1st round of students' mentoring	July 24-30, 2019
2nd round of students' mentoring	September 03-07, 2019
Felicitation of Rank Holders	7th September 2019 (Tentative) (Saturday)(4.30 pm onward)
FACES	August 29-31, 2019
Fresher's Party	On one of the days during FACES
DQAC	Within one week before beginning of next semester. (All the teachers of the department must be available)
IQAC	Within first one week of beginning of next semester. (All the teachers of the department must be available)
Updating NBA/NAAC Work (Proofs/Format)	November 5-6, 2019



Fr. C. Rodrigues Institute of Technology, Vashi
Institute Academic Calendar for SE, TE, and BE
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1st Defaulters list meeting (Academic + Attendance) (Meeting with students) (Student should bring all the proofs for remaining AB)	3rd August 2019 (Attendance up to 1st August 2019)
2nd Defaulters list meeting (Academic + Attendance) (Meeting with students) (Student should bring all the proofs for remaining AB)	7th September 2019 (Attendance up to 5th Sept. 2019)
Final Defaulters list meeting (Academic + Attendance) (Meeting with parents & students – Final decision about acceptance or rejection of TW)	19th October 2019

- Note:** 1. During 1st week of the term laboratory classes should be converted into theory classes
2. Faculty should be present throughout the 1st and 2nd round of submission week and during NAAC/NBA format/proof updating work.


(Dr. S. M. Khot)
Principal




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Fr. C. Rodrigues Institute of Technology, Vashi, Navi Mumbai.

Department Calendar



Head of the department along with faculty members prepares an academic calendar of their departments based on institute academic calendar which includes major additional activities of department and detailed continuous internal assessment plan. Sample Department Calendar (Computer Department) is shown below

 Agnel Charities Fr. C. Rodrigues Institute of Technology, Vashi, Navi-Mumbai Computer Engineering Department <u>Department Calender-FH-19</u>					
Date		Event			
29/12/18		Teacher's Orientation Program.			
01/01/19		Holiday (New Year)			
02/01/19		DQAC			
03/01/19		Lesson Plan Presentation			
04/01/19 to 05/01/19		ICNTE			
07/01/19		Commencement of Classes.			
Every Saturday		Internal Monitoring Activity.			
Every Fortnight		Student's Academic Status Report.			
07/01/19 -11/01/19		IQAC			
19/01/19		Saturday Extra class Monday Time Table			
28/01/19		Journal submission stage-1			
28/01/19 to 02/02/19		Feedback on Teaching Learning Process			
31/01/19		Academic defaulter list submission to respective class teacher.			
01/02/19		Project-II Assessment			
02/02/19		1st Defaulter List (Academic + Attendance)			
		Saturday Extra class Tuesday Time table			
08/02/19 onwards		CLASS TEST-1			
Date	Subject (IV Sem)	Date	Subject (VI Sem)	Date	Subject (VIII Sem)
08/02/19	COA	08/02/19	SE	31/01/19	DWM
11/02/19	CG	11/02/19	CSS	11/02/19	PDS
12/02/19	OS	12/02/19	DWM	12/02/19	BDA/ML
13/02/19	AOA	13/02/19	SPCC	13/02/19	HMI
		14/02/19	ML		
11/02/19 to 15/02/19		1 st Round of Student Mentoring			
18/02/19 to 21/02/19		INTERNAL ASSESSMENT -1			
Date	Subject (IV-Sem)	Date	Subject (VI-Sem)	Date	Subject (VIII-Sem)
18/02/19	AM-IV	18/02/19	SPCC	18/02/19	DWM
18/02/19	COA	18/02/19	CSS	18/02/19	BDA/ML
20/02/19	AOA	20/02/19	SE	20/02/19	PDS
20/02/19	CG	20/02/19	DWM	21/02/19	HMI
21/02/19	OS	21/02/19	ML		
19/02/19		Holiday (Chhatrapati Shivaji Maharaj Jayanti)			
25/02/19		Journal submission stage-2			
		IAB			
28/02/19		Academic defaulter list submission to respective class teacher.			
28/02/19 to 02/03/19		Etamax-2019			
02/03/19		2 nd Defaulter List (Academic + Attendance)			
		Meeting with parents (PTI-COMP)			
04/03/19		Holiday (Mahashivaratri)			
08/03/19		Project-II Assessment			
08/03/19 onwards		CLASS TEST-2			
Date	Subject (IV Sem)	Date	Subject (VI Sem)	Date	Subject (VIII Sem)
11/03/19	AOA	08/03/19	SPCC	11/03/19	BDA/ML



Agnel Charities
Fr. C. Rodrigues Institute of Technology, Vashi, Navi-Mumbai
Computer Engineering Department
Department Calender-FH-19

12/03/19	OS	11/03/19	CSS	12/03/19	DWM
13/03/19	CG	12/03/19	SE	13/03/19	HMI
14/03/19	COA	13/03/19	DWM	14/03/19	PDS
		14/03/19	ML		
16/03/19	P^CUBE and MINI project presentation for SE & TE				
20/03/19 to 25/03/19	INTERNAL ASSESSMENT -2				
Date	Subject (IV-Sem)	Date	Subject (VI-Sem)	Date	Subject (VIII-Sem)
20/03/19	AM-IV	20/03/19	ML	20/03/19	DWM
22/03/19	COA	22/03/19	CSS	22/03/19	BDA/ML
22/03/19	AOA	22/03/19	DWM	22/03/19	HMI
25/03/19	CG	25/03/19	SPCC	25/03/19	PDS
25/03/19	OS	25/03/19	SE		
21/03/19	Holiday (Holi 2 nd Day)				
26/03/19 to 30/03/19	2 nd Round of Student Mentoring				
26/03/19 to 30/03/19	MCQ and MOCK Practical's /orals/Home Assignment				
30/03/19	3 rd Defaulter List (Academic + Attendance)				
	Last Day of Teaching for All Semesters & Journal Certification				
01/04/19	TCS Best Project Evaluation				
01/04/19 to 04/04/19	Online Feedback (Teachers, Extracurricular, Facilities) & Exit Survey				
01/04/19 to 04/04/19	Revision Classes				
06/04/19	Holiday (Gudi Padwa)				
05/04/19 to 12/04/19	Preliminary Examination.				
15/04/19	1 st Round of submission				
15/04/19 to 19/04/19	Re-Prelim and IA retest for AB with valid reason				
17/04/19	Holiday (Mahavir Jayanti)				
19/04/19	Holiday (Good Friday)				
20/04/19	Final Defaulters List Meeting				
	2 nd Round of submission				
	Term End				
22/04/19 to 02/05/19	Orals / Practical / Project Examinations.				
22/04/19 to 20/06/19	Summer vacation				
01/05/19	Holiday (Maharashtra day/Labour day)				
07/05/19	Theory Examination Begins (Rev & Old).				



Academic calendars are available on college website (Links are given below)

Department	Link to access Magazine
Computer Engineering	https://www.fcrit.ac.in/academics/under-graduate/computer/academic-calendar#academic-calendars
Mechanical Engineering	https://www.fcrit.ac.in/academics/under-graduate/mechanical/academic-calendar#academic-calendars
Electrical Engineering	https://www.fcrit.ac.in/academics/under-graduate/electrical/academic-calendar#academic-calendars
Electronics and Communication Engineering	https://www.fcrit.ac.in/academics/under-graduate/electronics_&_telecommunications/academic-calendar#academic-calendars
Information Technology	https://www.fcrit.ac.in/academics/under-graduate/information/academic-calendar#academic-calendars



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Theory course teaching plan



Every faculty prepares course assessment plan on the basis of academic calendar of institute and department, which includes major (Internal Assessment tests, Assignment Tests, Prelim exam) and additional internal assessments tools such as assignments, MCQ, quizzes and strictly adheres to the same. A sample course teaching plan

Course Code and Name:- CPC 303/DS				Academic Year :- 2018-2019					
Name of the Faculty:- Kavita Shelke				Branch/SEM:- Comp/III					
Week No	Date	Topics to be covered	Content not covered as per plan	Reference	Methodology used	CO mapped	Remark by Faculty	Remark by HOD	
1.	2/7/18	Module 1: Introduction to Data Structures Introduction, Types of Data Structures - Linear and Nonlinear		T1,T 3, R2	Black board and PPT	CO-1	Yes	}	
2.	3/7/18	Operations on Data Structures		T1,T 4, R3		CO-1	Yes		
3.	3/7/18	Concept of ADT, Arrays		T1,T 4, R3		CO-1	Yes		
4.	5/7/18	Module 2: Stack and Queue Introduction, ADT of Stack, Operations on Stack		T1,T 3, R2	Black board and PPT	CO-2	9/7/18 Leave		
5.	5/7/18	Array Implementation of Stack					Yes		
6.	6/7/18	Applications of Stack - Well formness of Parenthesis		T1,T 4, R3		CO-2	Yes		
7.	7/7/18	Infix to Postfix Conversion		T1,T 5, R4		CO-2	Yes		
8.	10/7/18	Postfix Evaluation, Recursion,		T1,T 5, R4		CO-2	Yes		Note
9.	10/7/18	ADT of Queue, Operations on Queue	*	T1,T 4, R3		CO-2	No student takes Q.D 18/18		
10.	13/7/18	Array Implementation of Queue,		T1,T 4, R3		CO-2	Yes		
11.	16/7/18	Circular Queue,		T1,T 4, R3		CO-2	Taken on 12/07		
12.	18/7/18	Priority Queue, Double Ended Queue		T1,T 4, R3		CO-2	Yes		
13.	18/7/18	Applications of Queue		T1,T 5, R4		CO-2	Yes		
14.	20/7/18	Module 3: Linked List Introduction, Representation of Linked List		T1,T 3, R2	Black board and PPT	CO-3	Yes		
15.	21/7/18	Implementation of Linked List					Yes		
16.	21/7/18	Implementation of Linked List		T1,T 4, R3		CO-3	Yes		
17.	23/7/18	Circular Linked List		T1,T		CO-3	Yes		



Data Structures Course File

				4, R3			
18.	24/7/18	Doubly Linked List		T1,T 4, R3		CO-3	<i>[Signature]</i>
19.	24/7/18	Doubly Linked List		T1,T 4, R3		CO-3	<i>[Signature]</i>
20.	27/7/18	Linked Implementation of Stack and Queue		T1,T 4, R3		CO-3	<i>[Signature]</i>
21.	30/7/18	Linked Implementation of Stack and Queue		T1,T 4, R3		CO-3	<i>[Signature]</i>
22.	31/7/18	Application - Polynomial Representation and Addition		T1,T 5, R4		CO-3	<i>[Signature]</i>
23.	31/7/18	Module 4: Tree Introduction, Terminologies		T1,T 3, R2	Black board and PPT	CO-4	<i>[Signature]</i> <i>Note</i>
24.	3/8/18	Binary Tree, Representation		T1,T 3, R2		CO-4	<i>[Signature]</i>
25.	6/8/18	Types of Binary Tree		T1,T 3, R2		CO-4	<i>[Signature]</i>
26.	7/8/18	Assignment Test-1					
27.	7/8/18	Binary Tree Traversals		T1,T 3, R2	Black board and PPT	CO-4	<i>[Signature]</i>
	10/8/18	Internal Assessment-1					
	13/8/18						
	14/8/18						
	14/8/18						
28.	18/8/18	Importance of Data Structure	Expert Lecture			CO-4	<i>[Signature]</i>
29.	21/8/18	Binary Search Tree, Implementation of Binary Search Tree	--	T1,T 4, R3		CO-4	<i>[Signature]</i>
30.	21/8/18	Applications - Expression Tree	--	T1,T 5, R4	Black board and PPT	CO-4	<i>[Signature]</i>
31.	23/8/18	Huffman Encoding.		T1,T 5, R4		CO-4	<i>[Signature]</i>
32.	24/8/18	Search Trees - AVL		T1,T 3, R2		CO-4	<i>[Signature]</i> <i>Note</i>
33.	27/8/18	B Tree		T1,T 3, R2		CO-4	<i>[Signature]</i>
34.	28/8/18	B+ Tree, Splay Tree and Trie.		T1,T 3, R2		CO-4	<i>[Signature]</i>
35.	28/8/18	Module 5: Graph Introduction		T1,T 3, R2	Black board and PPT	CO-5	<i>[Signature]</i>
36.	31/8/18	Graph Terminologies		T1,T 3, R2		CO-5	<i>[Signature]</i>
37.	1/9/18	Graph Representation		T1,T 3, R2		CO-5	<i>[Signature]</i>
38.	3/9/18	Assignment Test-2					



Data Structures: Course File

39.	4/9/18	Graph Traversals - Depth First Search (DFS)		T1,T 4, R3	Black board and PPT	CO-5	9/10	9/10
40.	4/9/18	Breadth First Search (BFS)		T1,T 4, R3		CO-5	9/10	
41.	7/9/18	Application - Topological Sorting		T1,T 3,R2		CO-5	9/10	
	10/9/18	FACES						
	10/9/18							
	10/9/18							
	14/9/18	Mid-Term Break						
	18/9/18							
42.	18/9/18	Module 6: Searching and Sorting Introduction, Bubble sort, Insertion Sort ,Merge Sort		T1,T 3,R2	Blac k boar d and PPT	CO-6	9/10	Note
43.	18/9/18	Quick Sort , Linear Search, Binary Search		T1,T 5,R1		CO-6	9/10	
	21/9/18	Internal Assessment-2						
	24/9/18							
	25/9/18							
	25/9/18							
44.	28/9/18	Hashing - Concept, Hash Functions, Collision Handling Techniques.		T1,T 5,R1		CO-6	9/10	

Text Books:

T1	Data Structures using C, Reema Thareja, Oxford
T2	Data Structures using C and C++, Rajesh K Shukla, Wiley - India
T3	Data Structures Using C, Aaron M Tenenbaum, Yedidyah Langsam, Moshe J Augenstein, Pearson
T4	Data Structures: A Pseudocode Approach with C, Richard F. Gilberg & Behrouz A., Forouzan, Second Edition, CENGAGE Learning
T5	Introduction to Data Structure and Its Applications, JeanPaul Tremblay, P. G. Sorenson
References:	
R1	C & Data Structures, Prof. P.S. Deshpande, Prof. O.G. Kakade, DreamTech press.
R2	Data Structure Using C, Balagurusamy.
R3	Data Structures Using C, ISRD Group, Second Edition, Tata McGraw-Hill.
R4	Data Structures, Adapted by: GAV PAI, Schaum"s Outlines.



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Laboratory conduction plan



A sample practical conduction plan highlighted with MOCK practical is shown below

System Software Lan (CSL602)										Course File-Part A
COURSE TEACHING PLAN										
Course Code and Name: CSC602/ SPCC					Academic Year - 2018-19					
Name of the Faculty: Prof. Kavita Shelke					Branch/SEM - Comp/VI					
Week No	Batch	Date	Topics to be covered	Content not covered as per plan	Reference	Methodology used	CO mapped	Remarks by Faculty	Remarks by HOD	
2.	B3	15/1/2019	Prac1: Implement experiments on LEX		R1,R2	LEX tool	CO6	Yes	Nata 28/10	
	B4	16/1/2019								
	B1	17/1/2019	Industrial Visit							
	B2	18/1/2019	Prac1: Implement experiments on LEX							
3.	B3	22/1/2019	Prac2: Implementation of Lexical Analyzer.		R1,R2	LEX and YACC tool	CO3	Yes		
	B4	23/1/2019								
	B1	24/1/2019								
	B2	25/1/2019								
4.	B3	29/1/2019	Prac3: Implementation of LL(1)Parser		R1,R2	LEX and YACC tool	CO3	Yes		
	B4	30/1/2019								
	B1	31/1/2019								
	B2	1/2/2019								
5.	B3	5/2/2019	Prac4: Implementation of SLR Parser.		R1,R2	C or C++	CO4	Yes		
	B4	6/2/2019								
	B1	7/2/2019								
	B2	8/2/2019								
6.	B3	12/2/2019	Prac5: Implementation of Intermediate code generation phase of compiler.		R1,R2	C or C++	CO5	Yes	Nata 28/10	
	B4	13/2/2019								
	B1	14/2/2019								
	B2	15/2/2019								
7.	B3	19/2/2019	Holiday(Chhatrapati Shivaji Jayanti)		R1,R2	LEX tool	CO5	Yes		
	B4	20/2/2019	Internal Assessment-1							
	B1	21/2/2019	Internal Assessment-1							
	B2	22/2/2019	Prac6: Implementation of code generation phase of compiler.							
8.	B3	26/2/2019	Prac7: Implement experiments on YACC.		R1,R2	LEX and YACC tool	CO6	Yes		
	B4	27/2/2019								
	B1	28/2/2019	ETAMAX							
	B2	1/3/2019	ETAMAX							
9.	B3	5/3/2019	Prac8: Implement experiments on Grey Box Probing.	Not done	R1,R2	LEX and YACC tool	CO6	Yes	Nata 04/1	
	B4	6/3/2019								
	B1	7/3/2019								
	B2	8/3/2019								
10.	B3	12/3/2019	Prac9: Implementations of two pass Assembler.	Prac-7	R1,R2	C or C++	CO1	Yes		
	B4	13/3/2019								
	B1	14/3/2019								



				Course File-Part A					
System Software Lan (CSL602)									
11.	B3	19/3/2019	Prac10: Implementation of single pass Macro						
	B4	20/3/2019	Internal Assessment-2		R1,R2	C or C++	CO2	g/s	NEL 24/04
	B1	21/3/2019	Internal Assessment-2						
	B2	22/3/2019	Prac10: Implementation of						
12.	B3	26/3/2019	MOCK Practical		R1,R2			g/s	
	B4	27/3/2019							
	B1	28/3/2019							
	B2	29/3/2019							

Extra Practical:

We ek No	Bat ch	Date	Topics to be covered	Content not covered as per plan	Referen ce	Methodol ogy used	CO mapp ed	Remar ks by Facult y	Remar ks by HOD
2.	B1	18/1/2019	Prac1: Implementation of Lexical Analyzer.	✓	R1,R2	C or C++		g/s	
6.	B3	2/2/2019	Prac6: Implement experiments on LEX.	✓	R1,R2	C or C++		g/s	
	B4	14/2/2019							
	B1	15/2/2019							
9.	B1	7/3/2019	Prac7: Implement experiments on YACC.	✓	R1,R2	C or C++		g/s	
	B2	8/3/2019							
12.	B4	28/3/2019	Prac10: Implementation of single pass Macro	✓	R1,R2	C or C++		g/s	
	B1	29/3/2019							

Reference Books

R1	Modern Compiler. Implementation in Java, Second. Edition. Andrew W. Appel Princeton University. Jens Palsberg Purdue University. CAMBRIDGE.
R2	Crafting a compiler with C, Charles N. Fischer, Ron K. Cytron, Richard J. LeBlanc