



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

(ವಿ.ಟಿ.ಯು ಅಧಿನಿಯಮ ೧೯೯೪ ರ ಅಡಿಯಲ್ಲಿ ಕರ್ನಾಟಕ ಸರ್ಕಾರದಿಂದ ಸ್ಥಾಪಿತವಾದ ರಾಜ್ಯ ವಿಶ್ವವಿದ್ಯಾಲಯ)

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

(State University of Government of Karnataka Established as per the VTU Act, 1994)

"JnanaSangama" Belagavi-590018, Karnataka, India

REGISTRAR

Phone : (0831) 2498100

Fax : (0831) 2405467

REF: VTU/BGM/ACA/2022-23/ 3000

DATE: 3 SEP 2022

NOTIFICATION

Subject: - Academic Calendar of ODD semesters B.E./B.Tech./B.Plan./B.Arch. programs of University regarding...

Reference: Hon'ble Vice-Chancellor's approval dated: 03.09.2022

The academic calendar concerned to ODD semesters of B.E./B.Tech./B.Plan./B.Arch. programs of University for academic year 2022-23 are hereby notified as mentioned in the attached sheet;

The Principals of Affiliated, Constituent and Autonomous Engineering Colleges are hereby informed to bring the academic calendar to the notice of all concerned.

Encl: As mentioned

Sd/-

REGISTRAR

To,

1. The Principals of all affiliated/ constituent /Autonomous Engineering Colleges under the ambit of VTU Belagavi.
2. The chairperson, Department of Mechanical Engineering /Civil Engineering /Computer Science and Engineering and Business Studies of the University.

Copy to.

1. To the Hon'ble Vice-Chancellor through the secretary to VC, VTU Belagavi for information
2. The Registrar (Evaluation), VTU Belagavi for information.
3. The Regional Directors (I/c) of all the regional offices of VTU for circulation.
4. The Director I/c. ITI SMU, VTU Belagavi for information and to make arrangements to upload revised Academic Calendar on the VTU web portal.
5. The Director of Physical Education, VTU Belagavi for information
6. PS to Registrar VTU Belagavi
7. All the concerned Special Officer/s and Caseworker/s of the academic section, VTU, Belagavi

Rag 03/09/2022
Registrar

Academic Calendar for ODD Semester of UG programs for the year 2022-23

	I semester B.E./B.Tech.	I semester B.Arch./B.Plan	I semester B.Sc.	III semester B.E./ B.Tech.	III Semester B.Arch.	III semester B. Plan	III Semester B.Sc.	V Semester B.E./B.Tech.	V Semester B.Arch./ B.Plan.	VII semester B.E./B.Tech.	VII semester B.Plan.	VII semester B.Arch	IX sem B.A.
Commencement of ODD Semester	# 10.10.2022	# 10.10.2022	10.10.2022 (Tentative)	11.10.2022	31.10.2022	31.10.2022	10.10.2022	10.10.2022	12.09.2022	21.08.2022	21.08.2022	19.09.2022	01.09
Internship				11.10.2022 To 30.10.2022						21.08.2022 To 17.09.2022	21.08.2022 To 24.09.2022		
Commencement of Classes				31.10.2022	31.10.2022	31.10.2022	10.10.2022	10.10.2022	12.09.2022	19.09.2022	26.09.2022	19.09.2022	01.0
Last Working day of ODD Semester				11.02.2023	11.02.2023	11.02.2023	28.01.2023	27.01.2023	31.12.2022	31.12.2022	07.01.2023	31.12.2022	20.1
Practical Examination				13.02.2023 To 21.02.2023	13.02.2023 To 21.02.2023	13.02.2023 To 21.02.2023	01.02.2023 To 09.02.2023	30.01.2023 To 09.02.2023	03.01.2023 To 13.01.2023	03.01.2023 To 13.01.2023	09.01.2023 To 14.01.2023	03.01.2023 To 13.01.2023	21.1 31.1
Theory Examinations				22.02.2023 To 22.03.2023	22.02.2023 To 22.03.2023	22.02.2023 To 22.03.2023	13.02.2023 To 03.03.2023	13.02.2023 To 18.03.2023	16.01.2023 To 15.02.2023	16.01.2023 To 15.02.2023	16.01.2023 To 15.02.2023	16.01.2023 To 15.02.2023	
Internship			*	26.03.2023 To 16.04.2023	---	---		---	---		---		
Internship Voice/ Project viva				---	---	---		---	---	---	---		
Commencement EVEN Semester				17.04.2023	17.04.2023	17.04.2023	20.03.2023	20.03.2023	20.03.2023	20.02.2023	20.02.2023	20.02.2023	06.0

Case Note:

- The academic sessions for ODD semesters should commence from the dates mentioned above. # Commencement of Induction Program As per AICTE Academic Calendar 2022-23
- The commencement date of VII semester B.E./B.Tech/, is postponed from 12.09.2022 to 19.09.2022 to cover 04 weeks of Internship duration. The students of B.E./B.Tech., compulsorily have to cover the Internship in this duration only.
- The commencement date of VII semester B.Plan., is postponed from 12.09.2022 to 26.09.2022 to cover 06 weeks of Internship duration.
- Students joining to VII semester B.E./B.Tech/B.Plan should complete the Internship before the commencement of the classes.
- The Institute needs to function for six days a week with additional hours (Saturday is a full working day). #if required, the college can also plan to have extra classes on Sundays to complete all activities within the duration mentioned.
- The faculty/staff shall be available to undertake any work assigned by the university.
- Notification regarding the Calendar of Events relating to the conduct of University Examinations will be issued by the Registrar (Evaluation) from time to time.
- Academic Calendar may be modified based on guidelines/directions issued in the future by MHRD/UGC/AICTE/State Government.
- Academic Calendar is also applicable for Autonomous Colleges. If any changes are to be effected by Autonomous Colleges in the academic terms and examination schedule, they could do so with the approval of the University.
- The college has to conduct offline classes to cover 80% of the syllabus of the courses; however, 20% of the syllabus can be covered in virtual model (Online) mode. Attendance of the students for offline classes is mandatory and records should be maintained and submitted to the university whenever informed.
- If any clarification/correction, please email to shvvtuso@gmail.com

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Internship for Lateral Entry Students

||JAI SRI GURUDEV||

AIT		College Calendar of Events		Format No.	ACD01
				Issue No.	01
				Rev. No.	00
Academic Year: 2022-2023			Semester: Odd		
Sl.No.	Date	Event			Remarks
1.	10 Aug 2022	• International Bio-fuel day celebration by Department of Mechanical Engineering			
2.	15 Aug 2022	• Holiday, Independence Day Celebration			
3.	17 Aug 2022	• Farewell for Final Year MBA Students			
4.	21 Aug 2022	• Commencement of 7 th semester • Internship program from 21-08-2022 to 17-09-2022			
5.	13 Sep 2022	• Industrial visit for First Year MBA Students			
6.	19 Sep 2022	• Commencement of 7 th Semester Classes • One Day work Shop on "Advanced Excel & Real Time Application" for MBA Students.			
7.	02 Oct 2022	• GANDHI JAYANTHI			
8.	06 Oct 2022	• Add-on course programme for 7th semester students by Department of Electrical & Electronics Engineering			
9.	04 Oct 2022	• Holiday, AYUDHA POOJA & MAHA NAVAMI			
10.	05 Oct 2022	• Holiday, DUSSEHRA & VIJAYADASHAMI			
11.	08 Oct 2022	• Parent and Teachers meeting for 3 rd semester Electronics and Communication Engineering students			
12.	10 Oct 2022	• Commencement of 5 th semester			
13.	11 Oct 2022	• Technical Talk on Highlights of Civil Engineering by Civil Engineering Department			
14.	12 Oct 2022	• Induction Programme for 3 rd Semester students of Department of Electrical & Electronics Engineering. • Add-on course programme for 3 rd semester student by Department of Electrical & Electronics Engineering.			
15.	17 Oct 2022	• Seminar on Basic concepts of Bridge Engineering by Civil Engineering Department			
16.	18 Oct 2022	• One day workshop on simple techniques on Yoga by Civil Engineering Department			
17.	22 Oct 2022	• Technical Talk on introduction to Civil Engineering software by Civil Engineering Department			
18.	24 Oct 2022	• Holiday, NARAKA CHATURDASHI			
19.	26 Oct 2022	• Holiday, BALIPADYAMI / DEEPAVALI			
20.	30 Oct 2022	• Industrial visit to Solar power plant Holenarsipura for 3 rd and 5 th semester students by Department of Electrical & Electronics Engineering			
21.	31 Oct 2022	• Commencement of 3 rd Semester Classes			
22.	01 Nov 2022	• Holiday, KARNATAKA RAJYOTSAVA			

	03 Nov 2022	<ul style="list-style-type: none"> • 1st Test cycle for 7th semester • Inaugural ceremony of Department of AIML 	
24.	04 Nov 2022	<ul style="list-style-type: none"> • Work Shop on "Social Entrepreneurship, Sustainability and Rural Engagement" Mahatma Gandhi National Council of Rural Education, Department of Higher Education, Ministry of Education, Govt. of India • SDP on Web Technologies for 5th semester students of ISE Department 	
25.	10 Nov 2022	<ul style="list-style-type: none"> • Awareness Program on Air Pollution Control and Road Safety by Department of Mechanical Engineering. 	
26.	11 Nov 2022	<ul style="list-style-type: none"> • Holiday, KANAKADASA JAYANTHI 	
27.	14 Nov 2022	<ul style="list-style-type: none"> • 1st Test cycle for 5th semester 	
28.	15 Nov 2022	<ul style="list-style-type: none"> • Technical talk & case study on "Significance of Convolution Neural Network(CNN) in Image Processing" for 7th students by Department of CSE 	
29.	19 Nov 2022	<ul style="list-style-type: none"> • Technical talk & case study on " Severity prediction COVID-19 patient using Machine Learning" for 7th students Department of CSE 	
30.	22 Nov 2022	<ul style="list-style-type: none"> • Poster Making Competition of Electoral Literacy Club Activities by Student Welfare Office 	
31.	24 Nov 2022	<ul style="list-style-type: none"> • Technical talk by resource person regarding GATE exam by Department of Electrical & Electronics Engineering • Hackathon - Inter Dept. event by Department of CSE 	
32.	25 Nov 2022	<ul style="list-style-type: none"> • Industrial Visit - Indian Institute of Science, Bengaluru for 5th semester students by Department of CSE • Essay writing Competition of Electoral Literacy Club Activities by Student Welfare Office 	
33.	28 Nov 2022	<ul style="list-style-type: none"> • Commencement of 3rd semester M.Tech • Commencement of 3rd semester M.B.A 	
34.	29 Nov 2022	<ul style="list-style-type: none"> • One day workshop on Basic Concepts of MS Excel and MS Word by Civil Engineering Department 	
35.	30 Nov 2022	<ul style="list-style-type: none"> • Power plant and industry visit for 7th semesters by Department of Electrical & Electronics Engineering • Quiz Competition of Electoral Literacy Club Activities by Student Welfare Office 	
36.	01 Dec 2022	<ul style="list-style-type: none"> • First year classes inauguration (SaraswathiPooja/Induction Program) for 1st year Engineering students • Commencement of Induction Program for 1st semester students up to 11 December 2022. 	
37.	03 Dec 2022	<ul style="list-style-type: none"> • Industrial Visit by Department of Mechanical Engineering. 	
38.	05 Dec 2022	<ul style="list-style-type: none"> • 2nd Test cycle for 7th semester • 1st Test cycle for 3rd semester 	
39.	08 Dec 2022	<ul style="list-style-type: none"> • Webinar on " Industrial Application using AI&ML" for 7th Semester IS&E Department Students 	
40.	10 Dec 2022	<ul style="list-style-type: none"> • Industrial visit to MCF Hassan for 5th semester Electronics and Communication Engineering Department students 	
41.	11 Dec 2022	<ul style="list-style-type: none"> • Department Alumni Meet for MBA • College Alumni meet at BGS Auditorium • Commencement of Classes for First Year BE Students 	

	12 Dec 2022	<ul style="list-style-type: none"> One day workshop on Building information Modeling by Civil Engineering Department 	
43.	15 Dec 2022	<ul style="list-style-type: none"> Industrial visit for Final Year MBA Students 	
44.	16 Dec 2022	<ul style="list-style-type: none"> Workshop on Mathematical Foundations of AIML and Applications. 	
45.	22 Dec 2022	<ul style="list-style-type: none"> 2nd Test Cycle for 5th semester National Mathematics Day celebration by Department of Mathematics 	
46.	20 Dec 2022	<ul style="list-style-type: none"> Alumni talk for the students of Electrical & Electronics Engineering Department 	
47.	25 Dec 2022	<ul style="list-style-type: none"> CHRISTMAS DAY 	
48.	27 Dec 2022	<ul style="list-style-type: none"> Workshop on Cyber Safety for 3rd semester students of ISE Department 	
49.	29 Dec 2022	<ul style="list-style-type: none"> 3rd Test cycle for 7th semester 	
50.	31 Dec 2022	<ul style="list-style-type: none"> Last working Day for 7th semester 	
51.	03 Jan 2023	<ul style="list-style-type: none"> Practical Examination for 7th semester 	
52.	05 & 06 Jan 2023	<ul style="list-style-type: none"> Workshop on "Cyber Security & Block Chain Technology" by Department of CSE 	
53.	09 Jan 2023	<ul style="list-style-type: none"> Induction, Orientation & Training Program for First & Second year MBA Students 	
54.	10 & 11 Jan 2023	<ul style="list-style-type: none"> FDP - " Applications of Medical Image Processing " by Department of CSE 	
55.	11 Jan 2023	<ul style="list-style-type: none"> 2nd Test Cycle for 3rd semester 	
56.	14 Jan 2023	<ul style="list-style-type: none"> Holiday, UTTARAYANA PUNYA KAALA SANKRANTHI 	
57.	16 Jan 2023	<ul style="list-style-type: none"> Theory Examination for 7th semester 	
58.	17 Jan 2023	<ul style="list-style-type: none"> Technical Talk by Department of Mechanical Engineering. 	
59.	18 Jan 2023	<ul style="list-style-type: none"> Celebration of Parama Poojya Balagangadharanatha Swamiji's Birthday 	
60.	19 Jan 2023	<ul style="list-style-type: none"> Induction and Training Program for First and Second Year MBA Students 	
61.	21 Jan 2023	<ul style="list-style-type: none"> Department Fest by Department of AI&ML 	
62.	22 Jan 2023	<ul style="list-style-type: none"> Two day Workshop on "Emerging Exponential Technologies" for final year MBA students 	
63.	23 Jan 2023	<ul style="list-style-type: none"> 3rd Test cycle for 5th semester One day workshop on " Advanced Materials and their Engineering Applications" by Department of Chemistry 	
64.	25 Jan 2023	<ul style="list-style-type: none"> Union Budget Live Streaming & Analysis by MBA Department National Voters Day Celebration of Electoral Literacy Club Activities by SWO 	
65.	26 Jan 2023	<ul style="list-style-type: none"> Holiday, REPUBLIC DAY CELEBRATION 	
66.	27 Jan 2023	<ul style="list-style-type: none"> Last working Day for 5th semester 	
67.	30 Jan 2023	<ul style="list-style-type: none"> Practical Examination for 5th semester 	
68.	02 Feb 2023	<ul style="list-style-type: none"> Commencement of 8th semester 	
69.	06 Feb 2023	<ul style="list-style-type: none"> Faculty development programme/workshop by Department of Electrical & Electronics Engineering. 	
70.	07 Feb 2023	<ul style="list-style-type: none"> 3rd Test cycle for 3rd semester 	
71.	11 Feb 2023	<ul style="list-style-type: none"> Last working day for 3rd semester 	

	13 Feb 2023	<ul style="list-style-type: none"> • Practical Examination for 3rd semester • One day workshop on Visualization of Mathematical concept using GeoGebra by Department of Mathematics 	
73.	13 Feb 2023	<ul style="list-style-type: none"> • Theory Examination for 5th semester 	
74.	18 Feb 2023	<ul style="list-style-type: none"> • Holiday, MAHA SHIVRATRI 	
75.	20 Feb 2023	<ul style="list-style-type: none"> • Commencement of 8th semester • Two Day Workshop on ' Emerging Exponential Technologies ' for Final Year MBA Students 	
76.	22 Feb 2023	<ul style="list-style-type: none"> • Theory Examinations for 3rd semester 	
77.	25 Feb 2023	<ul style="list-style-type: none"> • Union Budget Live Streaming and Analyses for MBA Students 	
78.	03 Mar 2023	<ul style="list-style-type: none"> • Industrial visit for First Year MBA Students • Talk on new generation software Applications in Civil Engineering by Civil Engineering Department 	
79.	05 Mar 2023	<ul style="list-style-type: none"> • Emanthana 2023 branch fest by Electronics and Communication Engineering Department 	
80.	14 Mar 2023	<ul style="list-style-type: none"> • Technical Talk by Department of Mechanical Engineering. 	
81.	18 Mar 2023	<ul style="list-style-type: none"> • Last working day for M.Tech(3rd Semester) • Last working day for MBA(3rd Semester) • Last working day for 1st Semester B.E • Proficiency Training: MS Word and Excel for Report and Technical Paper Writing for 8th semester ISE Department. 	
82.	20 Mar 2023	<ul style="list-style-type: none"> • Commencement of 6th semester 	
83.	21 May 2023	<ul style="list-style-type: none"> • Practical Examinations for M.Tech(3rd Semester) 	
84.	22 Mar 2023	<ul style="list-style-type: none"> • Commencement of Practical Exams for 1st Semester B E Students (up to 31 March 2023) • Holiday, CHANDRAMANA UGADI • Theory Examination for 3rd Semester M.B.A (up to 15 April 2023) 	
85.	26 Mar 2023	<ul style="list-style-type: none"> • Internship Program for 3rd semester students up to 16 April 2023 	
86.	27 Mar 2023	<ul style="list-style-type: none"> • Theory Examinations for M.Tech (3rd Semester) 	
87.	03 April 2023	<ul style="list-style-type: none"> • Commencement of Theory Examination for 1st semester B.E students(up to 28 April 2023) • Talk on new generation software applications in Civil Engineering 	
88.	04 Apr 2023	<ul style="list-style-type: none"> • Holiday, MAHAVEERA JAYANTHI 	
89.	07 Apr 2023	<ul style="list-style-type: none"> • Holiday, GOOD FRIDAY 	
90.	10 Apr 2023	<ul style="list-style-type: none"> • Faculty Development Program by Department of Mechanical Engineering 	
91.	14 Apr 2023	<ul style="list-style-type: none"> • Holiday, Dr B.R. AMBEDKAR'S JAYANTHI CELEBRATION 	
92.	16 Apr 2023	<ul style="list-style-type: none"> • Closing day of Internship Program for 3rd semester students 	
93.	17 Apr 2023	<ul style="list-style-type: none"> • Commencement of 4th semester (B.E/M.Tech/ M.BA) • ADD-ON course for 4th & 6th semesters workshop by Department of Electrical & Electronics Engineering. 	
94.	18 Apr 2023	<ul style="list-style-type: none"> • Workshop on "IoT and Data Analytics: An End-to-End Perspective" for 8th semester ISE Department 	
95.	21 Apr 2023	<ul style="list-style-type: none"> • Student Project Exhibition by Department of Mechanical Engineering 	

	22 Apr 2023	• Holiday, KHUTBA-E-RAMZAN	
97.	28 Apr 2023	• Workshop/Student Internship on "Algorithms Lab (Hands-on)" for 4 th semester ISE Department • Workshop on "Advances in Machine Learning Techniques" by Department of CSE	
98.	29 Apr 2024	• Technical Talk by Industrial experts for Electronics and Communication Engineering students	
99.	01 May 2023	• Holiday, MAY DAY / LABOR DAY CELEBRATION	
100.	02 May 2023	• Commencement of 2 nd semester B.E • Induction Program for 2 nd Semester B.E students up to 11 May 2023	
101.	05 May 2023	• Workshop on R Language for 6 th Semester ISE Department	
102.	08 May 2023	• FDP on "Recent Advances in Civil Engineering softwares" by Civil Engineering Department	
103.	23 May 2023	• Ebelaku ,Vidyouth Fest and Project Exhibition in Department of Electrical & Electronics Engineering. • Project Exhibition by Electronics and Communication Engineering Department	
104.	01 June 2023	• Energy awareness programme /survey visit by Department Of Electrical & Electronics Engineering.	
105.	05 June 2023	• Celebration of world Environment Day	
106.	06 Jun 2023	• Awareness Program on Bio Diesel by Department of Mechanical Engineering	
107.	15 Jun 2023	• International Conference on "Advances in Information Technology" by Department of CS&E	
108.	17 June 2023	• Substation/ industry visit for 4 th semester by Department of Electrical & Electronics Engineering.	
109.	19 June 2023	• Talk on Sustainable development in construction industry by Civil Engineering Department	
110.	21 June 2023	• Yoga day celebration	
111.	29 Jun 2023	• Holiday, BAKRID	
112.	25 July 2023	• Young Tarang -2023 a State level Inter Collegiate Management Fest for MBA	
113.	10 Jul 2023	• Substation/ industry visit for 6 th semester by Department of Electrical & Electronics Engineering.	
114.	29 Jul 2023	• Holiday, LAST DAY OF MOHARAMM	

C.T. Jayadeva

Principal

Dr. C. T. JAYADEVA

Principal

B.E.,M.Tech.,Ph.D

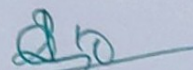
Adichunchanagiri Institute of Technology

CHIKKAMAGALURU-577102

AIT		Department Calendar of Events			Format No.	ACD01
					Issue No.	01
					Rev. No.	00
Academic Year		2022-2023	Semester	ODD	Date :01-08-2022 to 31-07-2023	
Sl No	Date	Events			Remark	
1	19-09-2022	Commencement of 7 th Semesters of B.E. Classes.				
2	24-09-2022	Last date to write and submit CO and map CO-PO-PSO in DHI for odd semester				
3	10-10-2022	Commencement of 5 th Semesters of B.E. Classes.				
4	08-10-2022	Parent and Teachers meeting for 3 rd semester students				
5	11-10-2022to 30-10-2022	Internship Program for 3 rd semester B.E students				
6	17/10/2022	Seminar on Basic Concepts of Bridge Engineering				
7	18/10/2022	One Day Workshop on Simple Techniques on Yoga				
8	22/10/2022	Technical Talk on Introduction to Civil Engineering Software				
9	31-10-2022	Commencement of 3 rd Semester of B.E. Classes				
10	03-11-2022to 05-11-2022	Commencement of First Test Cycle for 7 th semester B.E Students.				
11	07-11-2022 to 12-11-2022	I st student counseling odd semester				
12	12-11-2022	Announcement of 1 st Test I.A Marks for 7 th semester B.E Students.				
13	14-11-2022to16-11-2022	Commencement of First Test Cycle for 5 th semester B.E Students.				
13	23-11-2022	Announcement of 1 st Test I.A Marks for 5 th semester Students.				
14	29/11/2022	One Day Workshop on Basic Concepts for MS Excel and MS Word				
14	05-12-2022 to 07-12-2022	Commencement of First Test Cycle for 3 rd , semester B.E Students.				
15	05-12-2022 to 07-12-2022	Commencement of Second Test Cycle for 7 th semester B.E Students.				
16	12/12/2022	One Day Workshop on Building Information Modeling				
17	14-12-2022	Announcement of 1 st Test I.A Marks for 3 rd semester Students.				
18	14-12-2022	Announcement of 2 nd Test I.A Marks for 7 th semester Students.				
19	19-12-2022 to 24-12-2022	2 nd student counseling odd semester				
20	22-12-2022 to24-12-2022	Commencement of Second Test Cycle for 5 th semester B.E Students.				

2-2022 to 27-12-22	Phase-I Final Seminar for Final EC students	
12-2022 to 31-12-22	Commencement of Improvement Test Cycle for 7 th semester B.E Students	
12-2022	Announcement of 2 nd Test I.A Marks for 5 th semester Students.	
12-2022	Last working day for 7 th Semester B.E Students.	
1-01-2023 to 13-01-2023	Practical Examination for 7 th semester B.E Students.	
1-01-2023 to 13-01-2023	Commencement of Second Test Cycle for 3 rd semester B.E Students.	
16-01-2023 to 15-02-2023	Theory Examination for 7 th semester B.E, students.	
20-01-2023	Announcement of 2 nd Test I.A Marks for 3 rd semester Students.	
23-01-2023 to 25-01-2023	Commencement of Improvement Test Cycle for 5 th semester B.E Students	
28-01-2022	Last working day for 5 th Semester B.E Students.	
30-01-2023 to 09-02-2023	Practical Examination for 5 th semester B.E Students.	
07-02-2023 to 09-02-2023	Commencement of Improvement Test Cycle for 3 th semester B.E Students	
11-02-2023	Last working day for 3 rd Semester B.E Students.	
13-02-2023 to 21-02-2023	Practical Examination for 3 th semester B.E Students.	
13-02-2023 to 18-03-2023	Theory Examination for 5 th semester B.E students.	
20-02-2023	Commencement of Even Semester for 8 th semester B.E Students	
25-02-2023	Last date to write and submit CO and map CO-PO-PSO in DHI for even semester	
22-02-2023 to 22-03-2023	Theory Examination for 3 th semester B.E students.	
20-03-2023	Commencement of Even Semester for 6 th semester B.E Students	
23-03-2023	Last Day for submitting the mini project synopsis for 6 th semester students	
27-03-2023	Phase I mini project Preliminary seminar for 6 th semester students	
3/04/2023	Technical Talk on New Generation Software Application in Civil Engineering	
17-04-2023	Commencement of Even Semester for 4 th semester B.E Students	

04-2023 to 24-04-23	I st student counseling even semester	
-04-2023	Technical talk by industrial experts	
19/05/2023	FDP on Recent Trends in Software Application for Civil Engineering	
18-05-2023 to 22-05-2023	2 nd student counseling even semester	
23-05-2023	Project Exhibition	
24-05-2023 to 25-05-2023	Project Phase-II Final presentation for 8 th semester students	
26-05-2023 to 27-05-2023	Phase-I mini project Final Seminar for 6 th semester students	
19/06/2023	Technical Talk on Sustainable development on cement industry	



Signature of HOD

Dr. M. RAME GOWDA

B.E., M.Tech., (IIT-B), Ph.D. (NITK)

Professor and Head

Department of Civil Engineering

Adichunchanagiri Institute of Technology

BELGAMAGALURU-577102



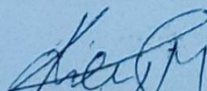
CLASS TIME TABLE

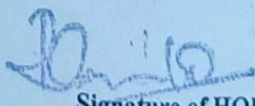
Academic Year	2022-23 (Odd Semester)	Semester	7
Section	B	Room No.	E-104
Format No.		Issue	
Class Coordinator	Mr. NAVEEN KUMAR S.M		

Period	1	2	3	4		5	6	7
Time--	9 AM-10 AM	10 AM-11 AM	11.15 AM-12.15 PM	12.15 PM-1.15 PM		2.30-3.20	3.20-4.10	4.10-5
Mon	QS&CM	EE ✓	RES	DRSS	L U N C H B R E A K	PROJECT WORK		
Tue	DRSS	RES	EE ✓	PMC		CAD-B1 GT-B2		
Wed	PMC	EE ✓	RES	QS&CM		PROJECT WORK		
Thu	RES	QS&CM	DRSS	PMC		CAD-B2 GT-B3		
Fri	CAD-B3 GT-B1					PMC	QS&CM	DRSS
Sat	PROJECT WORK							

Note: Break between 11.00 AM to 11.15 AM and Lunch Break between 1.15 PM to 2.30 PM

Subject Code	Subject	Faculty In charge
18CV71	QUALITY SURVEYING & CONTRACT MANAGEMENT (QS & CM)	Mr.NAVEEN KUMAR S.M
18CV72	DESIGN OF RC & STEEL STRUCTURES (DRSS)	Dr.VIJAYA KUMAR Y.M
18CV733	PAVEMENT MATERIALS & CONSTRUCTION (PMC)	Mr. ABHINAG
18CV743	REINFORCED EARTH STRUCTURES (RES)	Mr.GOUTHAM D.R
18CV751	ENERGY & ENVIRONMENT (EE)	Mr.PRAVEEN D
18CVL76	CAD LAB	B1. Mr.SUYOG H B2 .Mr.SANJITH J B3 .Mr.KAVAN M.R
18CVL77	GT LAB	B1. NAVEEN KUMAR S.M B2. Mrs.SHRUTHI C.G B3 .Mr.GOUTHAM D.R


Signature of Time Table Coordinator
Dr. B. M. K. S. M.
Associate Professor
Department of Civil Engineering
Adichunchanagiri Institute of Technology
CHIKRAMAGALURU 577102


Signature of HOD
Mr. M. RAME GOWDA
B.E., M.Tech (H.D.), Ph.D (M.Tech)
Professor and Head
Department of Civil Engineering
Adichunchanagiri Institute of Technology
Chikramagaluru 577102



1 . Faculty Details

Name : Mr Naveen Kumar S M

Qualification : M.Tech

Department : CV

Permanent Address : Girivelly Estate, Somwarpet, Kodagu, 571236,
India

Phone Number : 9591793656

Email ID : smnaveen75@gmail.com

Specimen Signature : _____



2 . Course Allotted

Allotted Duty	Course Title	Course Code
Theory 1	QUANTITY SURVEYING AND CONTRACT MANAGEMENT	18CV71



3 . Academic calendar 2022-23 (Semester 7)

Date	Day	Event
19 Sep 2022	MONDAY	Term Start Date
4 Oct 2022	TUESDAY	Mahanavami,Ayudhapooja
5 Oct 2022	WEDNESDAY	Vijayadasami
24 Oct 2022	MONDAY	Naraka Chaturdashi
26 Oct 2022	WEDNESDAY	Balipadyami,Deepavalli
1 Nov 2022	TUESDAY	Kannada Rajyothsava
11 Nov 2022	FRIDAY	Kanakadasa Jayanthi
31 Dec 2022	SATURDAY	Term End Date



ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY
Department of Civil Engineering (CV)

4. Timetable

	1	2	3		4	5
	09:00 AM 10:00 AM	10:00 AM 11:00 AM	12:15 PM 01:15 PM	01:15 PM 02:30 PM	02:30 PM 05:30 PM	03:20 PM 04:10 PM
MON	BE 18CV71 CV Semester 7 B					
TUE					BE 18CVL58 CV Semester 5 B	
WED			BE 18CV71 CV Semester 7 B			
THU		BE 18CV71 CV Semester 7 B				
FRI	BE 18CVL77 CV Semester 7 B					BE 18CV71 CV Semester 7 B
SAT						

HOD



5 . Department Details

5 . 1 Preliminary Information

PROGRAM OUTCOMES(PO's)

1. **Engineering knowledge** : Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems
2. **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
3. **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
4. **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
5. **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
6. **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
7. **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
8. **Ethics** : Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice
9. **Individual and team work** : Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings
10. **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
11. **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
12. **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



PROGRAM SPECIFIC OUTCOMES(PSO's)

PSO 1 : The graduates will be able to plan, analyse, design and execute cost effective civil engineering structures without over exploitation of natural resources.

PSO 2 : The graduates will have the ability to take up employment, entrepreneurship, research and development for sustainable civil society.

PSO 3 : The graduates will be able to pursue opportunities for personal and professional growth, higher studies and engage in lifelong learning in civil engineering profession.

PSO 4 : The graduates will be able to demonstrate professional integrity and an appreciation of ethical environmental, regulatory and issues related to civil engineering projects



6 . Course Information

6 . 1 Course Content

Title of the Course : QUANTITY SURVEYING AND CONTRACT MANAGEMENT

Semester : 7

Academic Year : 2022-23

Subject Code : 18CV71	IA Marks : 40
Hours/week : 3	Total Hours : 50
Exam Hours : 3	Exam Marks : 60
Course Plan Author : Naveen Kumar	Planned Date : 2022-09-19
Approved by : Dr M Rame Gowda	Approved Date : 2022-09-19
Objectives: <ol style="list-style-type: none">1 . Estimate the quantities of work, develop the bill of quantities and arrive at the Cost of civil engineering Project2 . Understand and apply the concept of Valuation for Properties3 . Understand, Apply and Create the Tender and Contract document	
Course Outcomes (COs) : <ol style="list-style-type: none">1 . Taking out quantities and work out the cost and preparation of abstract for the estimated cost for various civil engineering works2 . Prepare detailed and abstract estimates for various road works, structural works and water supply and sanitary works3 . Prepare the specifications and analyze the rates for various items of work4 . Assess contract and tender documents for various construction works5 . Prepare valuation reports of buildings	



6 . Course Information

6 . 1 . 1 Course Syllabus

Objectives:

Title of the Course : QUANTITY SURVEYING AND CONTRACT MANAGEMENT

Subject Code : 18CV71

Module 1

Quantity Estimation for Building :

study of various drawing attached with estimates, important terms, units of measurements, abstract, Types of estimates, Estimation of building by Short wall and long wall method - centre line method, Estimate of R C C structures including Slab, beam, column, footings

Module 2

Estimate of Steel truss, manhole and septic tanks and slab culvert

Quantity Estimation for Roads :

Computation of volume of earthwork fully in banking, cutting, partly cutting and partly Filling by mid-section, trapezoidal and Prismoidal Methods

Module 3

Specification for Civil Engineering Works :

Objective of writing specifications essentials in specifications, general and detail specifications of different items of works in buildings and roads

Analysis of Rates :

Factors Affecting Cost of Civil Works , Concept of Direct Cost , Indirect Cost and Project Cost Rate analysis and preparation of bills, Data analysis of rates for various items of Works, Sub-structure components, Rate analysis for R C C slabs, columns and beams

Module 4

Contract Management-Tender and its Process :

Invitation to tender, Prequalification, administrative approval & Technical sanction, Bid submission and Evaluation process, Contract Formulation: Letter of intent, Award of contract, letter of acceptance and notice to proceed, Features / elements of standard Tender document (source: PWD / CPWD / International Competitive Bidding – NHAI / NHEPC / NPC), Law of Contract as per Indian Contract act 1872, Types of Contract, Joint venture

Contract Forms :

FIDIC contract Forms, CPWD, NHAI, NTPC, NHEPC



Module 5

Contract Management-Post award :

Basic understanding on definitions, Performance security, Mobilization and equipment advances, Secured Advance, Suspension of work, Time limit for completion, Liquidated damages and bonus, measurement and payment, additions and alterations or variations and deviations, breach of contract, Escalation, settlement of account or final payment, claims, Delay's and Compensation, Disputes & its resolution mechanism, Contract management and administration

Valuation :

Definitions of terms used in valuation process, Purpose of valuation, Cost, Estimate, Value and its relationship, Capitalized value, Freehold and lease hold and easement, Sinking fund, depreciation-methods of estimating depreciation, Outgoings, Process and methods of valuation: Rent fixation, valuation for mortgage, valuation of land



6 . Course Information

6 . 1 . 2 Text Books and Reference Books

TEXT BOOKS :

- 1 . Datta B.N., "Estimating and costing", UBSPD Publishing House, New Delhi
- 2 . B.S. Patil, "Civil Engineering Contracts and Estimates", Universities Press
- 3 . M. Chakraborti; "Estimation, Costing and Specifications", Laxmi Publications
- 4 . MORTH Specification for Roads and Bridge Works – IRC New Delhi

REFERENCE BOOKS :

- 1 . Kohli D.D and Kohli R.C, "Estimating and Costing", 12 th Edition, S.Chand Publishers, 201
- 2 . Vazirani V.N and Chandola S.P, "Estimating and costing", Khanna Publishers, 201
- 3 . Rangwala, C. "Estimating, Costing and Valuation", Charotar Publishing House Pvt. Ltd., 201
- 4 . Duncan Cartlidge , "Quantity Surveyor's Pocket Book", Routledge Publishers, 201
- 5 . Martin Brook, "Estimating and Tendering for Construction Work", A Butterworth-Heinemann publishers, 2008.
- 6 . Robert L Peurifoy , Garold D. Oberlender , " Estimating Construction Costs" – 5ed , Tata McGraw-Hill , New Delhi.
- 7 . David Pratt, "Fundamentals of Construction Estimating" – 3ed, Edition.
- 8 . PWD Data Book, CPWD Schedule of Rates (SoR). and NH SoR – Karnataka FIDIC Contract forms.
- 9 . B.S. Ramaswamy "Contracts and their Management" 3ed, Lexis Nexis(a division of Reed Elsevier India Pvt Ltd).



6 . Course Information

6 . 2

Semester : 7

Section : B

Course : QUANTITY SURVEYING AND CONTRACT
MANAGEMENT

P e r i o d	Planned			Execution		
	Date	Topic	Source material to be referred	Date	Topic	Source material to be referred
1						
1	2022-09-19	study of various drawing attached with estimates	Text 1	2022-09-19	study of various drawing attached with estimates	Reference
2	2022-09-21	important terms		2022-09-21	important terms	Reference
3	2022-09-22	units of measurements		2022-09-22	units of measurements	Reference Reference
4	2022-09-23	abstract		2022-09-23	abstract	Reference Reference
5	2022-09-26	Types of estimates		2022-09-26	Types of estimates	Reference Reference
6	2022-09-28	Estimation of building by Short wall and long wall method - centre line method		2022-09-28	Estimation of building by Short wall and long wall method - centre line method	Ref 1, Ref 2,
7	2022-09-29	Estimate of R C C structures including Slab		2022-09-29	manhole and septic tanks and slab culvert	Ref 1, Ref 2, Ref 3,
8	2022-09-30	beam		2022-09-30	manhole and septic tanks and slab culvert	Ref 1, Ref 2, Ref 3, Ref 4,
9	2022-10-03	column		2022-10-03	trapezoidal and Prismoidal Methods	Ref 1
10	2022-10-06	footings		2022-10-06	footings	Text 1, Text 2,
2						
11	2022-10-07	Estimate of Steel truss		-	-	
12	2022-10-10	Estimate of Steel truss		-	-	
13	2022-10-12	Estimate of Steel truss		-	-	
14	2022-10-13	manhole and septic tanks and slab culvert		-	-	
15	2022-10-14	manhole and septic tanks and slab culvert		-	-	
16	2022-10-17	Computation of volume of earthwork fully in banking		2022-09-28	Computation of volume of earthwork fully in banking	Reference Reference Reference



17	2022-10-19	Computation of volume of earthwork fully in banking		2022-09-29	Computation of volume of earthwork fully in banking	Reference
18	2022-10-20	cutting		2022-09-30	cutting	Reference
19	2022-10-21	partly cutting and partly Filling by mid-section		2022-10-03	partly cutting and partly Filling by mid-section	Reference
20	2022-10-27	trapezoidal and Prismoidal Methods		2022-10-27	trapezoidal and Prismoidal Methods	Ref 1, Ref 9, Ref 8, Ref 7, Ref 6, Ref 5,
3						
21	2022-10-28	Objective of writing specifications essentials in specifications		2022-10-28	Objective of writing specifications essentials in specifications	Ref 1, Ref 2, Ref 3, Ref 5, Ref 6,
22	2022-10-31	Objective of writing specifications essentials in specifications		2022-10-31	Objective of writing specifications essentials in specifications	Ref 1, Ref 2, Ref 3,
23	2022-11-02	Objective of writing specifications essentials in specifications		2022-11-02	Objective of writing specifications essentials in specifications	Ref 1, Ref 2, Ref 3, Ref 4, Ref 5,
24	2022-11-03	general and detail specifications of different items of works in buildings and roads		2022-11-03	general and detail specifications of different items of works in buildings and roads	Ref 1, Ref 2, Ref 3, Ref 4, Ref 5, Ref 8, Ref 9,
25	2022-11-04	general and detail specifications of different items of works in buildings and roads		2022-11-04	general and detail specifications of different items of works in buildings and roads	Ref 1, Ref 2, Ref 3, Ref 9, Ref 8, Ref 7, Ref 6,
26	2022-11-07	Factors Affecting Cost of Civil Works , Concept of Direct Cost		2022-11-07	Factors Affecting Cost of Civil Works, Concept of Direct Cost	Ref 2, Ref 1, Ref 3, Ref 4, Ref 5,



6 . Course Information

6 . 2 . 1 Compliance Report

Semester : 7

Section : B

Course : QUANTITY SURVEYING AND CONTRACT
MANAGEMENT

Module No.	# of Classes Planned(till date)	Planned Effort(till date)	# of Classes Executed(till date)	Actual Efforts(till date)	% Coverage
1	7	7hrs 0min	7	7hrs 0min	100.0
2	13	13hrs 0min	8	8hrs 0min	61.54
3	10	10hrs 0min	10	10hrs 0min	100.0
4	7	7hrs 0min	0	0hrs 0min	0.0
5	0	0hrs 0min	0	0hrs 0min	0.0



6 . Course Information

6 . 4 Internal Assessment

Internal : 1

Semester:7-CBCS 2018

Date : 03/11/2022

Subject : QUANTITY SURVEYING AND CONTRACT MANAGEMENT (18CV71)

Time : 09:30 - 10:30

Faculty : Naveen Kumar

Max Marks: 50

Answer Any 2 Questions					
Q.No		Max Marks	CO	PO	BT/CL
1	What is Eastimation. Explain purpose of Eatimation.	25	1	1	L1
2	Briefly explain different types of estimation .	25	1	1	L1



3	<p>Prepare a detailed estimate and abstract estimate of earthwork for a portion of the road from the following data The formation width of the road is 10m and Side slopes are 2:1 in filling and 1.5:1 in cutting. The cost of a filling is Rs 180/m³ and Cutting is Rs 120/m³, Rising Gradient 1 in 400 Chainage 0+40 80 120 160 200 240 280 RL of Ground 100.60 100.20 99.80 100.20 100.80 101.90 102.40 102.50 RL of Formation 101.00</p>	25	2	2	L4
4	<p>Determine the Quantity of Earthwork in mid section method for the road portion between chainage 10 to 20. RL of ground along the centerline are given below. The formation level at the 10th chainage is 107.00, the formation width of the road is 10m and the side slope of banking is 2:1. Length of the Chain is 30m. The road is of downward gradient 1 in 150 upto the chainage 14 and then downward gradient changes to 1 in 100. also prepare an estimate of earthwork at the rate of Rs 275/m³ Chainage 10 11 12 13 14 15 16 17 18 19 20 RL of Ground 105.0 105.60 105.44 105.90 105.42 104.30 105.10 4.10 104.62 104.10 3.30 RL of Formation 107.00</p>	25	2	2	L4

Evaluation

USN	Name	Present (P) / Absent (Ab)	Q1	Q2	Q3	Q4	IA Total	BT/CL
4AI19CV046	Pratheek K Y	P	0	20	0	24	44	Analyze
4AI19CV047	Prathusha M	P	24	0	0	25	49	Analyze
4AI19CV048	Praveen P Gowda	P	0	24	0	24	48	Analyze
4AI19CV049	Preetham B	P	0	22	0	24	46	Analyze
4AI19CV050	Punith Kumar S D	P	0	25	0	25	50	Analyze
4AI19CV051	Rachel Shareen	P	22	0	0	23	45	Analyze
4AI19CV052	Ragavendra D R	P	0	10	0	20	30	Analyze
4AI19CV053	Rahul H	P	10	0	0	24	34	Analyze



2 Scheme of Evaluation

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY,

CHIKKAMAGALURU

DEPARTMENT OF CIVIL ENGINEERING

I-Internal Assessment

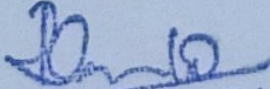
QUANTITY SURVEYING & CONTRACT MANAGEMENT - 18CV71

SCHEME OF EVALUATION

Date: 03-11-2022

Any Two full questions

SL.NO.	PARTICULARS	ALLOTTED MARKS
1	Explanation for Estimation Different purpose of Estimate (Eight) 8*2.5	5.0
		20.0
		10 Marks
2	Different Types of Estimate any Five • Preliminary estimate, plinth area estimate, cubic rate estimate, • Approximate quantity method, Detailed estimate, Revised estimate, • Supplementary estimate, Annual repair and maintenance estimate	5.0
		5.0
		5.0
		5.0
		5.0
		25.0 Marks
3	Estimation of road 1. Calculation of depth 2. Calculation of tabulations 3. Quantity of earthwork in Banking = 1952.4m ³ 4. Quantity of earthwork in cutting = 652.0m ³ The variation of Quantities from 5 to 10% 5. Abstract estimated Cost	5.0
		5.0
		5.0
		5.0
		5.0
		25 Marks
4	Estimation of road 1. Calculation of depth 2. Calculation of tabulations 3. Quantity of earthwork in Banking = 3513.72 m ³ The variation of Quantities from 5 to 10% 5. Abstract estimated Cost	5.0
		5.0
		5.0
		5.0
		5.0
		25 Marks


Dr. M. RAME GOWDA

B.E., M.Tech.(IIT-B), Ph.D.(NITK)

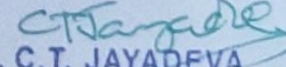
Professor and Head

Department of Civil Engineering

Adichunchanagiri Institute of Technology

CHIKKAMAGALURU-577102

HOD


Dr. C.T. JAYADEVA

Principal

Principal

B.E., M.Tech., Ph.D.