

1.3.3 Percentage of programmes that have components of field projects / research projects / internships during the last five years.

1. Provide syllabus of the program highlighting components of field projects / research projects / internships

The syllabus of the programs highlighting components of field projects / research projects / internships are presented from Page Number 02 to 44.

2. Provide program and course contents having element of field projects / research projects / internships as approved by BOS with due credits

The programs and course contents having element of field projects / research projects / internships as approved by BOS with due credits are presented from Page Number 45 to 57.

3. Internship completion certificate given to the students by the host organization.

The Internship completion certificates given to the students by the host organization are presented from Page Number 58 to 67.

1.3.3	Findings of DVV	Response of HEI presented in Page Nos.
1	Programmes that have components of field projects / research projects / internships	<u>02 - 44</u>
2	Course contents having element of field projects / research projects / internships	<u>45 - 57</u>
3	Internship completion certificate	<u>58 - 67</u>

baal
Principal
Government College of Technology
Coimbatore - 641 013



GOVERNMENT COLLEGE OF TECHNOLOGY

(An Autonomous Institution – Affiliated to Anna University, Chennai)

Coimbatore-641013.Tamilnadu.

Programmes that have components of field projects / research projects / internships



GOVERNMENT COLLEGE OF TECHNOLOGY

(An Autonomous Institution – Affiliated to Anna University, Chennai)


Coimbatore-641013.Tamilnadu.

B.E CIVIL ENGINEERING

Sl. no	Course Code	Course Title	Field Project	Research Project	Internship	Link to the relevant document
1.	18CES106	Engineering Graphics	✓	✓		https://gct.ac.in/sites/gct.ac.in/files/B.E%20CIVIL.pdf
2.	18CES204	Programming in C	✓	✓	✓	
3.	18CES206	Workshop Practice	✓	✓		
4.	18CES207	Programming in C Laboratory	✓	✓	✓	
5.	18CES302	Engineering Mechanics for Civil Engineers	✓	✓		
6.	18CPC303	Strength of Materials	✓	✓		
7.	18CPC304	Mechanics of Fluids	✓	✓		
8.	18CPC305	Surveying	✓		✓	
9.	18CPC306	Water Supply Engineering	✓	✓	✓	
10.	18CPC308	Survey Laboratory	✓	✓	✓	
11.	18CPC309	Materials Testing Laboratory	✓	✓		
12.	18CBS402	Engineering Geology	✓			
13.	18CES403	Construction Materials and Technology	✓	✓	✓	
14.	18CPC404	Basic Structural Design – I (Steel)	✓	✓	✓	
15.	18CPC405	Applied Hydraulics and Fluid Machinery	✓	✓		
16.	18CPC406	Waste Water Engineering	✓	✓	✓	
17.	18CMC4Z7	Environmental Sciences and Engineering	✓	✓	✓	
18.	18CPC408	Fluid Mechanics and Machinery Laboratory	✓	✓		
19.	18CPC409	Environmental Engineering Laboratory	✓	✓	✓	
20.	18CHS501	Professional Practices, Ethics and Building Bye-laws	✓		✓	
21.	18CPC502	Structural Analysis I	✓	✓	✓	
22.	18CPC503	Basic Structural Design II (Concrete)	✓	✓	✓	
23.	18CPC504	Mechanics of Soils	✓	✓		
24.	18CPC507	Geotechnical Engineering Laboratory	✓	✓		

25.	18CEE508	Computer Aided Civil Engineering Drawing	✓	✓	✓
26.	18CPC601	Structural Analysis II	✓	✓	✓
27.	18CPC602	Foundation Engineering	✓	✓	
28.	18CPC603	Water Resources Engineering	✓	✓	✓
29.	18CPC607	Transportation Engineering Laboratory	✓	✓	✓
30.	18CEE608	Concrete and Structural Analysis Laboratory	✓	✓	✓
31.	18CPC701	Construction Management	✓	✓	✓
32.	18CPC702	Engineering Economics, Estimation and Costing	✓	✓	✓
33.	18CPC703	Prestressed Concrete Structures	✓	✓	
34.	18CPC707	Computer Applications Laboratory	✓	✓	✓
35.	18CEE708	Mini Project	✓	✓	
36.	18CEE803	Project Work	✓	✓	
37.	18CPE\$01	Steel Structures	✓	✓	✓
38.	18CPE\$02	Concrete Technology	✓	✓	✓
39.	18CPE\$03	Finite Element Method	✓	✓	
40.	18CPE\$04	Advanced Concrete Design	✓	✓	✓
41.	18CPE\$05	Basics of Dynamics and Aseismic Design of Structures	✓	✓	✓
42.	18CPE\$06	Concrete Structures	✓	✓	✓
43.	18CPE\$07	Bridge Engineering	✓	✓	✓
44.	18CPE\$08	Earthquake Engineering	✓	✓	✓
45.	18CPE\$09	Safety in Civil Engineering Practices	✓		
46.	18CPE\$10	Valuation	✓		
47.	18CPE\$11	Design and Drawing (Irrigation and Environmental Engineering)	✓		✓
48.	18CPE\$12	Environmental Legislations in India	✓		
49.	18CPE\$13	Industrial Wastewater Management	✓	✓	✓
50.	18CPE\$14	Sustainable Engineering and Technology	✓	✓	
51.	18CPE\$15	Ground Improvement Techniques	✓	✓	
52.	18CPE\$16	Pavement Engineering	✓	✓	
53.	18CPE\$17	Airport, Docks and Harbour Engineering	✓		✓
54.	18CPE\$18	Highways – State of Art	✓		
55.	18CPE\$19	Traffic Engineering and Management	✓		✓
56.	18CPE\$20	Fundamentals of Remote Sensing and GIS Applications	✓		✓

57.	18CPE\$21	Highway and Railway Engineering	✓		✓	
58.	18CPE\$22	Irrigation Engineering and Hydraulic Structures	✓		✓	
59.	18CPE\$23	Hydrology	✓	✓	✓	
60.	18CPE\$24	Maintenance and Rehabilitation of Structures	✓			
61.	18CPE\$25	Prefabricated Structures	✓		✓	
62.	18COE\$01	Climate Change and Adaptation	✓			
63.	18COE\$02	Disaster Management and Mitigation	✓			
64.	18COE\$03	Energy Efficient Buildings	✓	✓	✓	
65.	18CVA\$01	Surveying using Total Station and Autoplotter 8	✓		✓	
66.	18CVA\$02	Environmental Audit	✓			


Principal
 Government College of Technology
 Coimbatore - 641 013



GOVERNMENT COLLEGE OF TECHNOLOGY


(An Autonomous Institution – Affiliated to Anna University, Chennai)

Coimbatore-641013.Tamilnadu.

B.E MECHANICAL ENGINEERING

Sl.no	Course Code	Course Title	Field Project	Research Project	Internship	Link to the relevant document
1.	18MPC304	Mechanics of Materials	✓	✓		https://gct.ac.in/sites/gct.ac.in/files/B.E%20MECH.pdf
2.	18MPC305	Fluid Mechanics and Machinery		✓		
3.	18MPC306	Manufacturing Technology I	✓	✓	✓	
4.	18MPC308	Machine Drawing	✓	✓	✓	
5.	18MPC309	Strength of Materials Laboratory	✓	✓		
6.	18MPC404	Kinematics of Machines	✓	✓		
7.	18MPC405	Thermodynamics	✓	✓		
8.	18MPC406	Manufacturing Technology II	✓	✓	✓	
9.	18MPC408	CAD Laboratory	✓	✓		
10.	18MPC409	Manufacturing Process Laboratory	✓	✓	✓	
11.	18MPC503	Dynamics of Machines	✓	✓		
12.	18MPC504	Thermal Engineering	✓	✓		
13.	18MPC507	Thermal Engineering Laboratory I	✓	✓		
14.	18MPC601	Design of Machine Elements	✓	✓		
15.	18MPC602	Materials Engineering	✓	✓		
16.	18MPC603	Heat and Mass Transfer	✓	✓		
17.	18MPC607	Thermal Engineering Laboratory II	✓	✓		
18.	18MPC701	Design of Transmission Systems	✓	✓		
19.	18MPC702	Computer Aided Design	✓	✓		
20.	18MPC703	Finite Element Analysis	✓	✓		
21.	18MPC707	Simulation Laboratory	✓	✓		
22.	18MPE\$01	Internal Combustion Engines	✓	✓		
23.	18MPE\$02	Design of Jigs, Fixtures and Press Tools	✓	✓	✓	
24.	18MPE\$03	Hydraulics and Pneumatic controls	✓	✓	✓	

25.	18MPE\$04	Composite Materials	✓	✓	
26.	18MPE\$05	Industrial Engineering	✓	✓	✓
27.	18MPE\$06	Advanced Strength of Materials	✓	✓	✓
28.	18MPE\$07	Theory of Metal cutting	✓	✓	✓
29.	18MPE\$08	Welding Technology	✓	✓	✓
30.	18MPE\$09	Refrigeration and Air Conditioning	✓	✓	
31.	18MPE\$10	Operations Research			✓
32.	18MPE\$11	Boiler technology	✓	✓	
33.	18MPE\$12	Gas Dynamics and Jet Propulsion	✓	✓	
34.	18MPE\$13	Process Planning and Cost Estimation	✓	✓	
35.	18MPE\$14	Lean Manufacturing	✓	✓	✓
36.	18MPE\$15	Power Plant Engineering	✓	✓	✓
37.	18MPE\$16	Mechanical Vibrations	✓	✓	✓
38.	18MPE\$17	Additive Manufacturing	✓	✓	
39.	18MPE\$18	Automobile Engineering	✓	✓	
40.	18MPE\$20	Total Quality Management	✓	✓	
41.	18MPE\$21	Energy Conservation and Management	✓	✓	
42.	18MPE\$22	Industrial Robotics	✓	✓	✓
43.	18MPE\$23	Computational Fluid Dynamics	✓	✓	
44.	18MPE\$24	Design for Manufacture	✓	✓	✓
45.	18MPE\$25	Instrumentation and Control	✓	✓	
46.	18MPE\$26	Automation in Manufacturing	✓	✓	
47.	18MOE\$04	Nanotechnology and Surface Engineering	✓	✓	
48.	18MOE\$05	Mechatronics	✓	✓	
49.	18MOE\$06	Renewable Energy Sources	✓	✓	
50.	18MEE508	Skill Development Practices	✓	✓	
51.	18MEE608	Skill development on Technical and Industrial practices	✓	✓	✓
52.	18MEE708	Mini Project	✓	✓	✓
53.	18MEE803	Project Work	✓	✓	✓


 - Principal
 Government College of Technology
 Coimbatore - 641 013



GOVERNMENT COLLEGE OF TECHNOLOGY

(An Autonomous Institution – Affiliated to Anna University, Chennai)

Coimbatore-641013.Tamilnadu.

B.E – ELECTRICAL AND ELECTRONICS ENGINEERING

Sl.no	Course Code	Course Title	Field Project	Research Project	Internship	Link to the relevant document
1.	18EES301	Object Oriented Programming With C++	✓	✓		https://gct.ac.in/sites/gct.ac.in/files/B.E%20EEE_2.pdf
2.	18EPC302	Electric Circuit Theory		✓		
3.	18EPC303	Field Theory	✓	✓		
4.	18EPC304	Electronic Devices and Circuits	✓			
5.	18EPC305	Electrical Machines-I	✓	✓	✓	
6.	18EPC306	Digital Circuits	✓	✓	✓	
7.	18EES307	Object Oriented Programming Using C++ Laboratory	✓		✓	
8.	18EPC308	Electric Circuits and Electronic Devices Laboratory	✓		✓	
9.	18EPC309	Electrical Machines Laboratory–I	✓		✓	
10.	18EPC403	Principles of Signals and Systems	✓	✓	✓	
11.	18EPC404	Linear Integrated Circuits	✓		✓	
12.	18EPC405	Electrical Machines - II	✓	✓	✓	
13.	18EPC406	Electrical and Electronic Measurements	✓		✓	
14.	18EPC408	Analog Circuits and Digital IC Laboratory	✓		✓	
15.	18EPC409	Electrical Machines Laboratory –II	✓	✓	✓	
16.	18EPC502	Power Generation, Transmission and Distribution	✓	✓	✓	
17.	18EPC503	Microprocessors, Microcontrollers and Applications	✓			
18.	18EPC504	Control Systems Engineering	✓	✓	✓	
19.	18EMC5Z6	Environmental Sciences and Engineering	✓	✓		
20.	18EPC507	Microprocessors and Microcontrollers Laboratory	✓			
21.	18EPC602	Power System Analysis	✓	✓	✓	
22.	18EPC603	Power Electronic Devices and Circuits	✓	✓	✓	
23.	18EPC607	Power Electronics and Drives Laboratory	✓	✓	✓	
24.	18EPC608	Measurements and Control Systems Laboratory	✓	✓	✓	
25.	18EVL609	Virtual Laboratory in Electrical Engineering	✓	✓	✓	
26.	18EPC702	Power System Operation, Control and Protection	✓	✓	✓	

27.	18EPC707	Power System Laboratory	✓	✓	✓
28.	18EEE708	Mini Project	✓	✓	✓
29.	18EEE803	Project Work	✓	✓	✓
30.	18EPE\$01	Principles of Virtual	✓	✓	✓
31.	18EPE\$02	Neural and Fuzzy Systems	✓	✓	
32.	18EPE\$03	Power System Economics	✓	✓	
33.	18EPE\$04	Power Quality Engineering	✓	✓	✓
34.	18EPE\$05	HVDC Transmission Systems	✓	✓	✓
35.	18EPE\$06	Facts Controllers	✓	✓	✓
36.	18EPE\$07	Energy Auditing and Management	✓	✓	✓
37.	18EPE\$08	Automotive Electronics for Electrical Engineering	✓	✓	✓
38.	18EPE\$09	Power System Stability	✓	✓	✓
39.	18EPE\$10	Power Plant Instrumentation			✓
40.	18EPE\$11	Digital Signal Processing and Processors	✓	✓	✓
41.	18EPE\$12	Computer System Architecture	✓		
42.	18EPE\$13	Principles of Embedded Systems	✓		✓
43.	18EPE\$14	Special Machines and Controllers	✓	✓	✓
44.	18EPE\$15	Logic and Distributed Control Systems	✓	✓	✓
45.	18EPE\$16	Restructured Power Systems		✓	✓
46.	18EPE\$17	Solid State Relays	✓	✓	✓
47.	18EPE\$18	Mems and Applications	✓	✓	✓
48.	18EPE\$19	Biomedical Instrumentation	✓		✓
49.	18EPE\$20	Industrial Drives and Control	✓	✓	✓
50.	18EPE\$21	Energy Storage Technology		✓	✓
51.	18EPE\$22	Optimization Techniques	✓	✓	✓
52.	18EPE\$23	Electrical Machine Design		✓	✓
53.	18EPE\$24	Smart Grid Technology	✓	✓	✓
54.	18EPE\$25	Modern Control Theory		✓	
55.	18EPE\$26	Distributed Generation and		✓	✓
56.	18EPE\$27	Electronic Circuit Design	✓	✓	✓
57.	18EPE\$28	Electronic System Design And Productization	✓	✓	✓
58.	18EOE\$07	Renewable Power Generation Systems	✓	✓	✓
59.	18EOE\$08	Electric Vehicles	✓	✓	✓
60.	18EOE\$09	Smart Grid Systems		✓	✓



GOVERNMENT COLLEGE OF TECHNOLOGY


(An Autonomous Institution – Affiliated to Anna University, Chennai)

Coimbatore-641013.Tamilnadu.

B.E – ELECTRONICS AND COMMUNICATION ENGINEERING

Sl.no	Course Code	Course Title	Field Project	Research Project	Internship	Link to the relevant document
1.	18LPC303	Electron Devices and Circuits	✓	✓		https://gct.ac.in/sites/gct.ac.in/files/B.E%20ECE_2.pdf
2.	18LPC304	Digital System Design	✓	✓	✓	
3.	18LPC305	Signals and Systems		✓		
4.	18LPC306	Network Theory	✓	✓		
5.	18LPC308	Electron Devices and Circuits Laboratory	✓	✓	✓	
6.	18LPC309	Digital Circuits Laboratory	✓	✓	✓	
7.	18LPC404	Analog Communication	✓	✓	✓	
8.	18LPC405	Microprocessors and	✓	✓	✓	
9.	18LPC406	Analog Integrated Circuits	✓		✓	
10.	18LPC408	Analog Circuits and IC	✓	✓	✓	
11.	18LPC409	Microprocessors and	✓	✓	✓	
12.	18LHS501	Youth Empowerment for	✓		✓	
13.	18LPC502	Digital Communication	✓	✓	✓	
14.	18LPC503	Transmission lines and	✓	✓	✓	
15.	18LPC504	Digital Signal Processing	✓	✓		
16.	18LPC507	Communication Engineering	✓	✓	✓	
17.	18LPC508	Digital Signal Processing	✓	✓	✓	
18.	18LHS601	Professional Ethics	✓	✓	✓	
19.	18LPC602	VLSI Design	✓	✓	✓	
20.	18LPC603	Antennas and Wave	✓	✓	✓	
21.	18LEE607	VLSI Design Laboratory	✓	✓	✓	
22.	18LEE608	Embedded Systems Laboratory	✓	✓	✓	
23.	18LHS701	Management Theory and	✓	✓	✓	
24.	18LPC702	Microwave Engineering	✓	✓	✓	
25.	18LPC707	Microwave and Antenna	✓	✓	✓	

26.	18LEE708	Mini Project	✓	✓	✓
27.	18LEE803	Project Work	✓	✓	✓
28.	18LPE\$01	Information Theory and	✓	✓	✓
29.	18LPE\$02	Speech Signal Processing	✓	✓	
30.	18LPE\$03	Introduction to MEMS	✓	✓	✓
31.	18LPE\$04	Power Electronics	✓	✓	✓
32.	18LPE\$05	Nano electronics	✓	✓	✓
33.	18LPE\$06	Soft computing	✓	✓	✓
34.	18LPE\$07	Automotive Electronics	✓	✓	✓
35.	18LPE\$08	Mixed Signal Design	✓	✓	✓
36.	18LPE\$09	Embedded systems	✓	✓	✓
37.	18LPE\$10	Data Communication	✓	✓	✓
38.	18LPE\$11	Fiber Optic Communications	✓	✓	✓
39.	18LPE\$12	Advanced Digital Signal	✓	✓	✓
40.	18LPE\$13	Low Power VLSI	✓	✓	✓
41.	18LPE\$14	Wireless Technologies	✓	✓	✓
42.	18LPE\$15	Digital Image and Video	✓	✓	✓
43.	18LPE\$16	Control Systems	✓	✓	✓
44.	18LPE\$17	Adhoc and Wireless Sensor	✓	✓	✓
45.	18LPE\$18	Satellite Communication	✓	✓	✓
46.	18LPE\$19	High Speed Electronics	✓	✓	✓
47.	18LPE\$20	Wavelet Transform	✓	✓	✓
48.	18LPE\$21	Error Correcting codes	✓	✓	✓
49.	18LPE\$22	Bio-Medical Electronics	✓	✓	✓
50.	18LPE\$23	Operation Research	✓	✓	✓
51.	18LPE\$24	Software Defined Radio	✓	✓	✓
52.	18LPE\$25	Internet of Things	✓	✓	✓
53.	18LPE\$26	Microwave Integrated	✓	✓	
54.	18LOE\$10	Mobile Communication	✓	✓	✓
55.	18LOE\$11	Introduction to VLSI System	✓	✓	✓
56.	18LOE\$12	Microcontroller and Applications	✓	✓	✓


Principal
 Government College of Technology
 Coimbatore - 641 013



GOVERNMENT COLLEGE OF TECHNOLOGY

(An Autonomous Institution – Affiliated to Anna University, Chennai)


Coimbatore-641013.Tamilnadu.

B.E PRODUCTION ENGINEERING

Sl.no	Course Code	Course Title	Field Project	Research Project	Internship	Link to the relevant document
1.	18PES103	Basics of Electrical Engineering	✓	✓	✓	https://gct.ac.in/sites/gct.ac.in/files/B.E-PRODN.PDF
2.	18PES105	Basics of Electrical Engineering Laboratory	✓	✓	✓	
3.	18PES106	Engineering Graphics	✓	✓		
4.	18PES204	Python Programming	✓	✓		
5.	18PES206	Workshop Practice	✓	✓	✓	
6.	18PES207	Python Programming Laboratory	✓	✓		
7.	18PES303	Engineering Mechanics	✓	✓		
8.	18PES304	Thermal Sciences	✓	✓	✓	
9.	18PPC305	Engineering Metallurgy	✓	✓	✓	
10.	18PPC306	Manufacturing Technology	✓	✓	✓	
11.	18PPC308	Metallurgy Laboratory and Thermal Science Laboratory	✓	✓	✓	
12.	18PPC309	Manufacturing Processes Laboratory	✓	✓	✓	
13.	18PHS401	Total Quality Management Concepts	✓	✓	✓	
14.	18PES403	Basic Electronics Engineering	✓	✓	✓	
15.	18PPC404	Fluid Mechanics and Machinery	✓	✓		
16.	18PPC405	Mechanics of Materials	✓	✓		
17.	18PPC406	Machine Tools and Processes	✓	✓	✓	
18.	18PMC4Z7	Environmental Sciences and Engineering	✓	✓	✓	
19.	18PPC408	Strength of Materials and Fluid Machinery Laboratory	✓	✓		
20.	18PPC409	Production Drawing	✓	✓	✓	
21.	18PHS501	Operations Research Techniques	✓	✓		
22.	18PPC502	Production Planning and Control	✓	✓	✓	
23.	18PPC503	Mechanics of Machines	✓	✓		
24.	18PPC504	Metrology and Computer Aided Inspection	✓	✓	✓	

25.	18PPC507	Metrology Laboratory	✓	✓	✓
26.	18PEE508	Skill Development on Industrial Practices / Technical Projects	✓	✓	✓
27.	18PPC601	Machine Elements Design	✓	✓	✓
28.	18PPC602	Automation and CIM	✓	✓	✓
29.	18PPC603	Fluid Power Drives and Controls	✓	✓	✓
30.	18PPC607	Modelling Laboratory	✓	✓	✓
31.	18PEE608	Automation and Control Systems Laboratory	✓	✓	✓
32.	18PPC701	Additive Manufacturing	✓	✓	✓
33.	18PPC702	Production of Automotive Components	✓	✓	✓
34.	18PPC703	Jigs, Fixtures and Press Tools	✓	✓	✓
35.	18PPC707	Simulation Laboratory	✓	✓	✓
36.	18PEE708	Mini Project	✓	✓	✓
37.	18PEE803	Project Work	✓	✓	✓
38.	18PPE\$01	Mechatronic Systems	✓	✓	✓
39.	18PPE\$02	Finite Element Techniques	✓	✓	
40.	18PPE\$03	Unconventional Manufacturing Processes	✓	✓	✓
41.	18PPE\$04	CNC Technology	✓	✓	✓
42.	18PPE\$05	Power Plant Engineering	✓	✓	✓
43.	18PPE\$06	Robust Design	✓	✓	✓
44.	18PPE\$07	Statistical Quality Control and Reliability Engineering	✓	✓	✓
45.	18PPE\$08	Advanced Welding Technology	✓	✓	✓
46.	18PPE\$09	Product Design and Process Engineering	✓	✓	✓
47.	18PPE\$10	Design for Manufacture and Assembly	✓	✓	✓
48.	18PPE\$11	Human Values and Professional Ethics II	✓	✓	
49.	18PPE\$12	Plant Layout and Material Handling	✓	✓	✓
50.	18PPE\$13	Non Destructive Testing Techniques	✓	✓	✓
51.	18PPE\$14	Supply Chain Management	✓	✓	✓
52.	18PPE\$15	Production Management	✓	✓	✓
53.	18PPE\$16	Lean Manufacturing	✓	✓	✓
54.	18PPE\$17	Micro manufacturing Processes	✓	✓	✓
55.	18PPE\$18	Theory of Metal Cutting	✓	✓	✓
56.	18PPE\$19	Advanced Casting Technology	✓	✓	✓

57.	18PPE\$20	Total Productive Maintenance	✓	✓	✓	
58.	18PPE\$21	Green Manufacturing	✓	✓	✓	
59.	18PPE\$22	Computer Aided Design	✓	✓	✓	
60.	18PPE\$23	Robotics and Machine Vision System	✓	✓	✓	
61.	18PPE\$24	Investment Casting	✓	✓	✓	
62.	18PPE\$25	Electronics Manufacturing Technology	✓	✓	✓	
63.	18PPE\$26	Smart Manufacturing	✓	✓	✓	
64.	18POE\$13	Rapid Prototyping	✓	✓	✓	
65.	18POE\$14	Managerial Economics	✓	✓		
66.	18POE\$15	Hydraulics and Pneumatics	✓	✓	✓	


Principal
 Government College of Technology
 Coimbatore - 641 013



GOVERNMENT COLLEGE OF TECHNOLOGY

(An Autonomous Institution – Affiliated to Anna University, Chennai)

Coimbatore-641013.Tamilnadu.

B.E - ELECTRONICS AND INSTRUMENTATION ENGINEERING

Sl.no	Course Code	Course Title	Field Project	Research Project	Internship	Link to the relevant document
1.	18NES104	Programming in C	✓	✓	✓	https://gct.ac.in/sites/gct.ac.in/files/B.E%20EIE_2.pdf
2.	18NES107	Programming in C Laboratory	✓	✓	✓	
3.	18NES203	Electrical Circuits and Networks	✓			
4.	18NES205	Electrical Circuits and Networks Laboratory	✓		✓	
5.	18NES303	Principles of Electrical Machines	✓			
6.	18NPC304	Electronic circuits	✓		✓	
7.	18NPC305	Sensors and Transducers	✓		✓	
8.	18NPC306	Measurements and Instrumentation	✓		✓	
9.	18NPC308	Sensors and Measurements Laboratory	✓		✓	
10.	18NPC309	Electronic Devices and Circuits Laboratory	✓		✓	
11.	18NPC404	Electronics for Analog Signal Processing	✓		✓	
12.	18NPC405	Digital Electronics	✓		✓	
13.	18NPC406	Fundamentals of Microprocessors and Microcontrollers	✓		✓	
14.	18NPC408	Microprocessors and Microcontrollers Laboratory	✓		✓	
15.	18NPC409	Linear and Digital Circuits Laboratory	✓		✓	
16.	18NPC503	Control System Design	✓	✓	✓	
17.	18NPC504	Basics of Signals and Systems	✓		✓	
18.	18NPC507	Control Systems Laboratory	✓	✓	✓	
19.	18NEE508	Virtual Instrumentation Laboratory	✓	✓	✓	
20.	18NPC601	Principles of Communication	✓	✓	✓	
21.	18NPC602	Process Control	✓	✓	✓	
22.	18NPC603	Industrial Instrumentation	✓		✓	
23.	18NPC607	Process Control Laboratory	✓	✓	✓	
24.	18NEE608	Industrial Instrumentation Laboratory	✓	✓	✓	
25.	18NPC701	Soft Computing Techniques	✓	✓	✓	

26.	18NPC702	Analytical Instrumentation	✓		✓
27.	18NPC703	Industrial Automation Systems	✓	✓	✓
28.	18NPC707	Industrial Automation Laboratory	✓	✓	✓
29.	18NEE708	Mini Project	✓	✓	✓
30.	18NEE803	Project work	✓	✓	✓
31.	18NPE\$01	Advanced Control Theory	✓	✓	✓
32.	18NPE\$02	Digital Control System	✓	✓	✓
33.	18NPE\$03	Computer Control of Process	✓	✓	✓
34.	18NPE\$04	Advanced Process Control	✓	✓	✓
35.	18NPE\$05	System Identification and Adaptive Control	✓	✓	✓
36.	18NPE\$06	Optimal Control	✓	✓	✓
37.	18NPE\$07	Machine Learning Techniques	✓	✓	✓
38.	18NPE\$08	Fault Diagnosis and Tolerances	✓	✓	✓
39.	18NPE\$09	Instrument Standards	✓		✓
40.	18NPE\$10	MEMS and Nano Technology	✓	✓	✓
41.	18NPE\$11	Safety Instrument Systems	✓		✓
42.	18NPE\$12	Energy Harvesting	✓	✓	✓
43.	18NPE\$13	Power Electronics and Drives	✓	✓	✓
44.	18NPE\$14	Industrial Data Networks	✓		✓
45.	18NPE\$15	Industrial Internet of Things	✓		✓
46.	18NPE\$16	Wireless Sensor Network	✓		✓
47.	18NPE\$17	Fiber Optics and Laser Instrumentation	✓		✓
48.	18NPE\$18	Aircraft Instrumentation	✓		✓
49.	18NPE\$19	Smart and Wireless Instrumentation	✓		✓
50.	18NPE\$20	Power Plant Instrumentation	✓		✓
51.	18NPE\$21	Biomedical Instrumentation	✓		✓
52.	18NPE\$22	Instrumentation and Control in Petro Chemical Industries	✓		✓
53.	18NPE\$23	Instrumentation and Control in Iron and Steel Industries	✓		✓
54.	18NPE\$24	Robotics and its Applications	✓		✓
55.	18NPE\$25	Real Time Embedded Systems	✓	✓	✓
56.	18NPE\$26	Automotive Instrumentation	✓		✓
57.	18NPE\$27	Discrete Time Signal Processing	✓	✓	✓
58.	18NPE\$28	Basics of VLSI Technology	✓	✓	✓
59.	18NPE\$29	VHDL Based Digital System Design	✓	✓	✓



GOVERNMENT COLLEGE OF TECHNOLOGY


(An Autonomous Institution – Affiliated to Anna University, Chennai)

Coimbatore-641013.Tamilnadu.

B.E – COMPUTER SCIENCE AND ENGINEERING

Sl.no	Course Code	Course Title	Field Project	Research Project	Internship	Link to the relevant document
1.	18SES104	Programming in C	✓		✓	https://gct.ac.in/sites/gct.ac.in/files/B.E%20CSE_2.pdf
2.	18SES107	Programming in C Laboratory	✓		✓	
3.	18SPC305	Digital Systems	✓			
4.	18SPC306	Data Structures	✓	✓	✓	
5.	18SPC308	Digital Systems Laboratory	✓			
6.	18SPC309	Data Structures Laboratory	✓	✓	✓	
7.	18SPC403	Computer Architecture	✓			
8.	18SPC404	Database Management Systems	✓		✓	
9.	18SPC405	System Programming and Operating Systems	✓			
10.	18SPC406	Theory of Computation		✓		
11.	18SPC408	Database Management Systems Laboratory	✓	✓	✓	
12.	18SPC409	System Programming and Operating Systems	✓			
13.	18SPC503	Computer Networks	✓	✓	✓	
14.	18SPC504	Design and Analysis of Algorithms	✓	✓	✓	
15.	18SPC507	Computer Networks Laboratory	✓	✓	✓	
16.	18SPC601	Digital Signal Processing and Applications	✓	✓		
17.	18SPC602	Compiler Design	✓	✓		
18.	18SPC603	Software Engineering Methodologies	✓		✓	
19.	18SPC607	Compiler Design Laboratory	✓		✓	
20.	18SVL608	Software Engineering Methodologies Laboratory	✓		✓	
21.	18SPC701	Machine Learning	✓	✓	✓	
22.	18SPC702	Artificial Intelligence	✓	✓	✓	
23.	18SPC703	Computer Graphics and Visualizations	✓			
24.	18SPC707	Machine Learning Laboratory	✓		✓	

25.	18SPE\$01	Introduction to Web Technology	✓		
26.	18SPE\$02	Simulation and Modeling	✓	✓	
27.	18SPE\$03	Digital Image Processing	✓	✓	
28.	18SPE\$04	Cryptography	✓		
29.	18SPE\$05	Natural Language Processing	✓	✓	
30.	18SPE\$06	Software Defined Networks	✓	✓	
31.	18SPE\$07	Cloud Engineering	✓	✓	✓
32.	18SPE\$08	Computer Vision	✓	✓	
33.	18SPE\$09	High Performance Computing	✓	✓	
34.	18SPE\$10	Object Oriented Analysis and Design	✓		
35.	18SPE\$12	Big Data Analytics	✓	✓	
36.	18SPE\$13	Information Security	✓	✓	
37.	18SPE\$14	Distributed Computing	✓	✓	
38.	18SPE\$15	Wireless Communication and Networks	✓	✓	
39.	18SPE\$16	Social Networks	✓	✓	
40.	18SPE\$17	Data Warehousing and Data Mining	✓	✓	
41.	18SPE\$18	Multimedia Systems	✓	✓	
42.	18SOE\$19	Programming in Java	✓		✓
43.	18SOE\$20	Cyber Security	✓	✓	
44.	18SOE\$21	Network Essentials	✓		
45.	18IOE\$22	Programming in Python	✓		✓
46.	18IOE\$23	Big Data Science	✓	✓	
47.	18IOE\$24	Object Oriented Programming Using C++	✓		✓


Principal
 Government College of Technology
 Coimbatore - 641 013



GOVERNMENT COLLEGE OF TECHNOLOGY

(An Autonomous Institution – Affiliated to Anna University, Chennai)

Coimbatore-641013.Tamilnadu.

B.TECH - INFORMATION TECHNOLOGY

Sl.no	Course Code	Course Title	Field Project	Research Project	Internship	Link to the relevant document
1.	18IES104	Programming in C	✓	✓	✓	https://gct.ac.in/sites/gct.ac.in/files/B.TECH%20IT_1.pdf
2.	18IES106	Workshop Practice	✓			
3.	18IES107	Programming in C Laboratory	✓	✓	✓	
4.	18IPC305	Data Structures and Applications		✓		
5.	18IPC306	Object Oriented Programming	✓	✓	✓	
6.	18IPC309	Data Structures and Applications Laboratory	✓	✓	✓	
7.	18IPC403	Computer Organization and Architecture	✓		✓	
8.	18IPC404	Database Design and Management	✓	✓	✓	
9.	18IPC405	Information Coding Techniques		✓		
10.	18IPC406	Operating Systems		✓	✓	
11.	18IPC408	Database Design and Management Laboratory	✓	✓	✓	
12.	18IPC409	Operating Systems Laboratory		✓	✓	
13.	18IPC502	Web Technology	✓	✓	✓	
14.	18IPC503	Data Communication and Networking	✓	✓	✓	
15.	18IPC504	Analysis and Design of Algorithms		✓	✓	
16.	18IPC507	Data Communication and Networking Laboratory	✓	✓	✓	
17.	18IEE508	Web Technology and Application Development	✓	✓	✓	
18.	18IPC601	Fundamentals of Machine Learning	✓	✓	✓	
19.	18IPC602	Software Engineering	✓	✓	✓	
20.	18IPC603	Fundamentals of Digital Signal Processing		✓	✓	
21.	18IVL607	Machine Learning Laboratory	✓	✓	✓	
22.	18IEE608	Open source and tools laboratory	✓	✓	✓	
23.	18IPC702	Cryptography and Network Security	✓	✓	✓	
24.	18IPC703	Internet of Things and its Applications	✓	✓	✓	

25.	18IPC707	Internet of Things Laboratory	✓	✓	✓
26.	18IEE708	Mini Project	✓	✓	✓
27.	18IEE801	Project Work	✓	✓	✓
28.	18IPE\$01	Data Mining and Data Warehousing	✓	✓	✓
29.	18IPE\$02	Wireless Sensor Networks	✓	✓	✓
30.	18IPE\$03	Software Testing	✓	✓	✓
31.	18IPE\$04	Software Project Management	✓	✓	✓
32.	18IPE\$05	Software Quality Assurance	✓	✓	✓
33.	18IPE\$08	Information Retrieval	✓	✓	✓
34.	18IPE\$09	Embedded System	✓		✓
35.	18IPE\$10	Cloud Computing	✓	✓	✓
36.	18IPE\$11	Advanced Data Structures		✓	✓
37.	18IPE\$12	Foundations of Information Security	✓	✓	✓
38.	18IPE\$13	Distributed Systems	✓	✓	✓
39.	18IPE\$14	Soft Computing	✓	✓	✓
40.	18IPE\$15	XML and Web Services		✓	✓
41.	18IPE\$16	Semantic Web	✓	✓	✓
42.	18IPE\$17	Service Oriented Architecture	✓	✓	
43.	18IPE\$18	Virtualization Techniques	✓	✓	✓
44.	18IPE\$19	Fundamentals of Automata Theory		✓	
45.	18IPE\$20	Virtual and Augmented Reality	✓	✓	✓
46.	18IPE\$21	Introduction to Natural Language Processing	✓	✓	✓
47.	18IPE\$22	Artificial Intelligence and Applications	✓	✓	✓
48.	18IPE\$23	Mobile Computing	✓	✓	✓
49.	18IPE\$24	Human Computer Interface	✓	✓	✓
50.	18IPE\$25	Social Network Analysis	✓	✓	✓
51.	18IPE\$26	Foundations of Image Processing	✓	✓	✓
52.	18IPE\$27	Pervasive Computing	✓	✓	✓
53.	18IPE\$28	Software Defined Networking	✓	✓	✓
54.	18IPE\$29	Computer Graphics	✓	✓	✓
55.	18IPE\$30	Data Analytics	✓	✓	✓
56.	18IOE\$22	Programming in Python	✓	✓	✓
57.	18IOE\$23	Big Data Science	✓	✓	✓
58.	18IOE\$24	Object Oriented Programming Using C++	✓	✓	✓



GOVERNMENT COLLEGE OF TECHNOLOGY

(An Autonomous Institution – Affiliated to Anna University, Chennai)

Coimbatore-641013.Tamilnadu.

B.TECH – INDUSTRIAL BIOTECHNOLOGY

Sl.no	Course Code	Course Title	Field Project	Research Project	Internship	Link to the relevant document
1.	18BES106	Engineering Graphics	✓			https://gct.ac.in/sites/gct.ac.in/files/B.TECH%20IBT.PDF
2.	18BES204	Programming in C	✓	✓	✓	
3.	18BES206	Workshop Practice	✓			
4.	18BES207	Programming in C Laboratory	✓	✓	✓	
5.	18BPC304	Cell Biology	✓	✓	✓	
6.	18BPC305	Biochemistry	✓	✓	✓	
7.	18BPC307	Microbiology Laboratory	✓	✓	✓	
8.	18BPC308	Biochemistry Laboratory	✓	✓	✓	
9.	18BPC309	Cell Biology Laboratory	✓	✓	✓	
10.	18BPC402	Basics of Industrial Biotechnology	✓	✓	✓	
11.	18BPC403	Molecular Biology	✓	✓	✓	
12.	18BPC404	Biochemical Thermodynamics	✓	✓	✓	
13.	18BPC405	Analytical Techniques in Biotechnology	✓	✓	✓	
14.	18BPC406	Enzyme Engineering and Technology	✓	✓	✓	
15.	18BPC409	Analytical Techniques Laboratory	✓	✓	✓	
16.	18BPC503	Bioprocess Principles	✓	✓	✓	
17.	18BPC504	Genetic Engineering	✓	✓	✓	
18.	18BPC508	Bioprocess Laboratory I	✓	✓	✓	
19.	18BPC509	Molecular Biology and Genetic Engineering Lab	✓	✓	✓	
20.	18BPC601	Immunology	✓	✓	✓	
21.	18BPC602	Bioinformatics	✓	✓	✓	
22.	18BPC603	Bioprocess Engineering	✓	✓	✓	
23.	18BPC607	Bioinformatics Laboratory	✓	✓	✓	
24.	18BPC608	Bioprocess Engineering Laboratory	✓	✓	✓	
25.	18BPC609	Immunology Laboratory	✓	✓	✓	

26.	18BPC702	Downstream Processing	✓	✓	✓
27.	18BPC708	Downstream Processing Laboratory	✓	✓	✓
28.	18BPE\$01	Biofuels	✓	✓	✓
29.	18BPE\$02	Biopolymer Technology	✓	✓	✓
30.	18BPE\$03	Industrial Hazard Management	✓	✓	✓
31.	18BPE\$04	Food Process Engineering	✓	✓	✓
32.	18BPE\$05	Medical Biotechnology	✓	✓	✓
33.	18BPE\$06	Marine Biotechnology	✓	✓	✓
34.	18BPE\$07	Plant Biotechnology	✓	✓	✓
35.	18BPE\$08	Cancer Biology	✓	✓	✓
36.	18BPE\$09	Environmental Biotechnology	✓	✓	✓
37.	18BPE\$10	Molecular Pathogenesis	✓	✓	✓
38.	18BPE\$11	Nanobiotechnology	✓	✓	✓
39.	18BPE\$12	Animal Biotechnology	✓	✓	✓
40.	18BPE\$13	Genomics and Proteomics	✓	✓	✓
41.	18BPE\$14	Mathematical and Numerical Methods for Biotechnology	✓	✓	✓
42.	18BPE\$15	Bioentrepreneurship	✓	✓	✓
43.	18BPE\$16	Immunotechnology	✓	✓	✓
44.	18BPE\$17	Biopharmaceutical Technology	✓	✓	✓
45.	18BPE\$18	Bioprocess Economics and Plant Design	✓	✓	✓
46.	18BPE\$19	Tissue Engineering	✓	✓	✓
47.	18BPE\$20	Metabolic Engineering	✓	✓	✓
48.	18BPE\$21	Protein Engineering	✓	✓	✓
49.	18BPE\$22	Pharmacogenomics	✓	✓	✓
50.	18BPE\$23	Genetics	✓	✓	✓
51.	18BPE\$24	Biostatistics	✓	✓	✓
52.	18BOE\$25	Computational Biology	✓	✓	✓
53.	18BOE\$26	Fundamental Concepts of Biology for Engineers	✓	✓	✓
54.	18BOE\$27	Fundamentals of Bioengineering	✓	✓	✓
55.	18BEE708	Mini Project	✓	✓	✓
56.	18BEE801	Project Work	✓	✓	✓
57.	18BMC4Z7	Environmental Sciences and Engineering	✓	✓	✓



GOVERNMENT COLLEGE OF TECHNOLOGY


(An Autonomous Institution – Affiliated to Anna University, Chennai)

Coimbatore-641013.Tamilnadu.

M.E. STRUCTURAL ENGINEERING

S.no	CourseCode	Name of the Course	Field Project	Research Project	Internship	Link to the relevant document
1.	18SEFCZ1	Research Methodology and IPR	✓	✓		https://gct.ac.in/sites/gct.ac.in/files/M.E%20Structural%20Engineering%200.pdf
2.	18SEPC01	Computer Methods of Structural Analysis	✓	✓		
3.	18SEPC02	Design of Advanced Reinforced concrete structures	✓	✓		
4.	18SEPC03	Theory of Elasticity and Plasticity	✓			
5.	18SEPC04	Experimental Techniques Laboratory	✓			
6.	18SEPC05	Finite Element Analysis	✓	✓		
7.	18SEPC06	Structural Dynamics	✓			
8.	18SEPC07	Advanced Steel Structures	✓	✓		
9.	18SEPC08	Finite Element analysis and Applications Laboratory	✓	✓		
10.	18SEEE01	Design Project	✓	✓	✓	
11.	18SEEE02	Project Phase I	✓	✓	✓	
12.	18SEEE03	Project Phase II	✓	✓	✓	
13.	18SEPE01	Analytical and Numerical Methods	✓	✓		
14.	18SEPE02	Structural Optimization	✓	✓		
15.	18SEPE03	Analysis of Laminated Composite Plates	✓			
16.	18SEPE04	Soil Structure Interaction	✓			
17.	18SEPE05	Environmental Engineering Structures	✓			
18.	18SEPE06	Stability of Structures	✓			
19.	18SEPE07	Theory and Applications of Cement Composites	✓			
20.	18SEPE08	Advanced Concrete Technology	✓	✓		
21.	18SEPE09	Fracture Mechanics	✓	✓		

22	18SEPE10	Substructure Design	✓	✓	
23	18SEPE11	Design of Advanced Industrial Structures	✓	✓	
24	18SEPE12	Design of Concrete Bridges	✓	✓	
25	18SEPE13	Prestressed Concrete Structures	✓		
26	18SEPE14	Plastic Analysis of Structures	✓	✓	
27	18SEPE15	Plates and Shells	✓		
28	18SEPE16	Maintenance and Rehabilitation of Structures	✓		✓
29	18SEPE17	Smart Materials and Smart Structures	✓		
30	18SEPE18	Structural Health Monitoring	✓		
31	18SEPE19	Design of Formwork		✓	
32	18SEPE20	Experimental Techniques and Instrumentation		✓	
33	18SEPE21	Design of Steel Concrete Composite Structures		✓	
34	18SEPE22	Prefabricated Structures	✓		
35	18SEPE23	Offshore Structures	✓	✓	✓
36	18SEPE24	Corrosion Engineering	✓	✓	
37	18SEPE25	Earthquake Resistant Design of Structures	✓	✓	
38	18SEPE26	Design of Structures for Dynamic Loads	✓	✓	
39	18SEPE27	Design of Tall Buildings	✓	✓	
40	18SEPE28	Cold Formed Steel Structures	✓		
41	18SEPE29	Geotechnical Earthquake Engineering	✓		
42	18SEOE01	Vastu Science For Building Construction			✓
43	18SEOE02	Planning of Smart Cities		✓	
44	18SEOE03	Green Building		✓	
45	18SEACZ1	English for Research Paper Writing	✓	✓	
46	18SEACZ2	Disaster Management	✓		
47	18SEACZ3	Value Education	✓		
48	18SEACZ4	Constitution of India	✓		
49	18SEACZ5	Pedagogy Studies	✓		
50	18SEACZ6	Stress Management by Yoga	✓		
51	18SEACZ7	Personality Development Through Life Enlightenment Skills	✓		
52	18SEACZ8	Sanskrit For Technical Knowledge	✓		


 - Principal
 Government College of Technology
 Coimbatore - 641 013



GOVERNMENT COLLEGE OF TECHNOLOGY


(An Autonomous Institution – Affiliated to Anna University, Chennai)

Coimbatore-641013.Tamilnadu.

M.E. GEOTECHNICAL ENGINEERING

S.no	Course Code	Name of the Course	Field Project	Research Project	Internship	Link to the relevant document
1.	18GEFCZ1	Research Methodology and IPR	✓	✓		https://gct.ac.in/sites/gct.ac.in/files/M.E%20Geotechnical%20Engineering_1.pdf
2.	18GEPC01	Advanced Foundation Engineering	✓	✓		
3.	18GEPC02	Strength and Deformation Characteristics of Soils	✓	✓		
4.	18GEPC03	Soil Mechanics Laboratory	✓	✓		
5.	18GEPC04	Soil Dynamics and Machine Foundations	✓	✓		
6.	18GEPC05	Site Exploration and Soil Investigation	✓	✓		
7.	18GEPC06	Subsoil Exploration Laboratory	✓	✓		
8.	18GEPC07	Finite Element Analysis Laboratory	✓	✓		
9.	18GEEEE01	Mini Project	✓	✓	✓	
10.	18GEEEE02	Project Phase I	✓	✓	✓	
11.	18GEEEE03	Project Phase II	✓	✓	✓	
12.	18GEPE01	Analytical and Numerical Methods	✓	✓		
13.	18GEPE02	Remote Sensing and its Applications In	✓	✓		
14.	18GEPE03	Soil Properties and Behaviour	✓	✓		
15.	18GEPE04	Reinforced Soil Structures	✓	✓		
16.	18GEPE05	Finite Element Analysis	✓	✓		
17.	18GEPE06	Foundation in Expansive Soils	✓	✓		
18.	18GEPE07	Soil Structure Interaction	✓	✓		
19.	18GEPE08	Environmental Engineering Structures	✓	✓		
20.	18GEPE09	Rock Mechanics in Engineering Practice	✓	✓		
21.	18GEPE10	Geotechnical Earthquake Engineering	✓	✓		
22.	18GEPE11	Design of Underground Excavations	✓	✓		
23.	18GEPE12	Computational Geomechanics	✓	✓		
24.	18GEPE13	Slope Stability and Landslides	✓	✓		
25.	18GEPE14	Geology in Geotechnical Engineering	✓	✓		

26.	18GEPE15	Structural Design of Foundations and Substructures	✓	✓	
27.	18GEPE16	Land Reclamation	✓	✓	
28.	18GEPE17	Environmental Geotechnology	✓	✓	
29.	18GEPE18	Pavement Engineering	✓	✓	
30.	18GEPE19	Theoretical Soil Mechanics	✓	✓	
31.	18GEPE20	Earth Retaining Structures	✓	✓	
32.	18GEPE21	Professional Practices In Design of Geotechnical	✓	✓	✓
33.	18GEPE22	Ground Improvement Techniques	✓	✓	
34.	18GEOE07	Energy in built environment	✓	✓	
35.	18GEOE08	Earth and its environment	✓	✓	
36.	18GEOE09	Natural hazards and mitigation	✓	✓	
37.	18GEACZ1	English For Research Paper Writing	✓	✓	
38.	18GEACZ2	Disaster Management	✓	✓	
39.	18GEACZ3	Value Education	✓		
40.	18GEACZ4	Constitution Of India	✓		
41.	18GEACZ5	Pedagogy Studies	✓		
42.	18GEACZ6	Stress Management By Yoga	✓		
43.	18GEACZ7	Personality Development Through Life Enlightenment	✓		
44.	18GEACZ8	Sanskrit For Technical Knowledge	✓		


Principal
 Government College of Technology
 Coimbatore - 641 013



GOVERNMENT COLLEGE OF TECHNOLOGY


(An Autonomous Institution – Affiliated to Anna University, Chennai)

Coimbatore-641013.Tamilnadu.

M.E. ENVIRONMENTAL ENGINEERING

Sl.no	Course Code	Course Title	Field Project	Research Project	Internship	Link to the relevant document
1.	18EEFCZ1	Research Methodology and IPR	✓	✓		https://gct.ac.in/sites/gct.ac.in/files/M.E%20Environmental%20Engineering_1.pdf
2.	18EEPC02	Air Quality Management	✓	✓	✓	
3.	18EEPC03	Transport of water and wastewater	✓	✓	✓	
4.	18EEPC04	Physico-chemical wastewater treatment	✓	✓	✓	
5.	18EEPC05	Environmental Chemistry and Microbiology	✓	✓	✓	
6.	18EEPC06	Biological process for wastewater treatment	✓	✓	✓	
7.	18EEPC07	Solid and Hazardous waste management	✓	✓	✓	
8.	18EEPC08	Industrial wastewater management	✓	✓	✓	
9.	18EEPC09	Unit operation and process laboratory	✓	✓	✓	
10.	18EEEE01	Mini Project	✓	✓	✓	
11.	18EEEE02	Project Phase I	✓	✓	✓	
12.	18EEEE03	Project Phase II	✓	✓	✓	
13.	18EEPE01	Water Quantity Modelling	✓	✓		
14.	18EEPE02	Role of environmental legislation in industries	✓			
15.	18EEPE03	Environmental Engineering Structures	✓		✓	
16.	18EEPE04	Environmental Biotechnology	✓	✓		
17.	18EEPE05	Instrumentation, Selection and Management of Environmental Engineering Equipment	✓	✓		
18.	18EEPE06	Operation and Maintenance of Water and Waste Water Treatment Plants	✓			
19.	18EEPE07	Computing Techniques in Environmental Engineering	✓			

20.	18EEPE08	Ground water contamination and transport modeling	✓	✓	✓	
21.	18EEPE09	Environmental Impact and Risk Assessment	✓	✓	✓	
22.	18EEPE10	Membrane separation for water and wastewater	✓			
23.	18EEPE11	Environmental Reaction Engineering	✓			
24.	18EEPE12	Environmental System Analysis	✓			
25.	18EEPE13	Remote Sensing and GIS Applications in Environmental Engineering	✓	✓	✓	
26.	18EEPE14	Air and Noise Quality Modeling	✓	✓		
27.	18EEPE15	Environmental Auditing and New Product	✓			
28.	18EEPE16	Advanced Wastewater Treatment and Reuse	✓			
29.	18EEOE01	Environment, Health and Safety in Industries	✓		✓	
30.	18EEOE02	Climate Change and Adaptation	✓			
31.	18EEOE03	Waste to Energy	✓			


Principal
 Government College of Technology
 Coimbatore - 641 013



GOVERNMENT COLLEGE OF TECHNOLOGY


(An Autonomous Institution – Affiliated to Anna University, Chennai)

Coimbatore-641013.Tamilnadu.

M.E. ENGINEERING DESIGN

Sl.no	Course Code	Course Title	Field Project	Research Project	Internship	Link to the relevant document
1.	18EDFCZ1	Research Methodology and IPR		✓		https://gct.ac.in/sites/gct.ac.in/files/M.E%20Engineering%20Design_0.pdf
2.	18EDPC01	Mechanics of Materials	✓	✓		
3.	18EDPC02	Vibration Analysis and Control	✓	✓		
4.	18EDPC03	Design and synthesis of Mechanisms	✓	✓		
5.	18EDPC04	Vibration Lab	✓			
6.	18EDPC05	Finite Element Methods in Mechanical Design	✓	✓	✓	
7.	18EDPC06	Computer Applications in Design		✓		
8.	18EDPC07	Tribology in Design	✓	✓		
9.	18EDEE01	Mini project		✓		
10.	18EDEE02	Project Phase I	✓	✓		
11.	18EDEE03	Project Phase II	✓	✓		
12.	18EDPE01	Applied Mathematics for Engineering Design		✓		
13.	18EDPE02	Manufacturing Considerations in Design		✓		
14.	18EDPE03	Concepts of Engineering Design		✓		
15.	18EDPE04	Composite Materials and Mechanics		✓		
16.	18EDPE05	Value and Reengineering		✓		
17.	18EDPE06	Mechanical Behaviour of Materials		✓	✓	
18.	18EDPE07	Additive Manufacturing	✓	✓		
19.	18EDPE08	Quality Concepts in Design			✓	
20.	18EDPE09	Creativity in Design		✓		
21.	18EDPE10	Mechanics of fracture		✓		
22.	18EDPE11	Sensors for Intelligent Manufacturing		✓		
23.	18EDPE12	Vehicular Vibration	✓	✓		
24.	18EDPE13	Life Cycle Design		✓		
25.	18EDPE14	Condition Monitoring and Vibration Control	✓	✓		

26.	18EDPE15	Optimization in Design		✓		
27.	18EDPE16	Advanced Machine Tool	✓	✓		
28.	18EDPE17	Systematic Design		✓		
29.	18EDPE18	Principles of Product Design		✓		
30.	18EDPE19	Wear analysis and control	✓	✓		
31.	18EDPE20	Computational Fluid Dynamics	✓	✓		
32.	18EDPE21	Design of Material Handling equipment	✓	✓		
33.	18EDPE22	Experimental Stress analysis	✓	✓		
34.	18EDPE23	Fluid Power control and Automation	✓	✓	✓	
35.	18EDOE12	Introduction to Industrial Engineering	✓		✓	


Principal
 Government College of Technology
 Coimbatore - 641 013



GOVERNMENT COLLEGE OF TECHNOLOGY


(An Autonomous Institution – Affiliated to Anna University, Chennai)

Coimbatore-641013.Tamilnadu.

M.E. MANUFACTURING ENGINEERING

Sl.no	Course Code	Course Title	Field Project	Research Project	Internship	Link to the relevant document
1.	18MFFCZ1	Research Methodology and IPR		✓		https://gct.ac.in/sites/gct.ac.in/files/M.E%20Manufacturing%20Engineering_0.pdf
2.	18MFPC01	Advanced Machining Processes and Automation	✓	✓	✓	
3.	18MFPC02	Automated Computer Integrated Manufacturing Systems	✓	✓	✓	
4.	18MFPC03	Additive Manufacturing	✓	✓	✓	
5.	18MFPC04	Additive Manufacturing and Automation Laboratory	✓	✓	✓	
6.	18MFPC05	Materials Testing and Characterization Techniques	✓	✓	✓	
7.	18MFPC06	Theory of Metal Cutting	✓	✓	✓	
8.	18MFPC07	Advances in Casting and Welding Processes	✓	✓	✓	
9.	18MFEE01	Mini Project	✓	✓	✓	
10	18MFPC08	Material Processing and Testing Laboratory	✓	✓	✓	
11	18MFPE01	Applied Probability and Statistics		✓		
12	18MFPE02	Design For Manufacture, Assembly and Environment	✓	✓	✓	
13	18MFPE03	Advanced Finite Element Methods		✓		
14	18MFPE04	Wear Analysis and Control	✓	✓	✓	
15	18MFPE05	Manufacturing Metrology and Quality	✓	✓	✓	
16	18MFPE06	Corrosion and Surface Engineering	✓	✓	✓	
17	18MFPE07	Advanced Engineering Materials and Metallurgy	✓	✓	✓	
18	18MFPE08	Lean Manufacturing Systems and Implementation	✓	✓	✓	
19	18MFPE09	MEMS and Nanotechnology	✓	✓	✓	
20	18MFPE10	Supply Chain Management	✓	✓	✓	
21	18MFPE11	Fluid Power Control and Automation	✓	✓	✓	

22	18MFPE12	Industrial Automation and Mechatronics	✓	✓	✓	
23	18MFPE13	Vibration Control and Condition Monitoring	✓	✓	✓	
24	18MFPE14	Green Manufacturing	✓	✓	✓	
25	18MFPE15	Diagnostic Techniques	✓	✓	✓	
26	18MFPE16	Industrial Robotics and Robot Applications	✓	✓	✓	
27	18MFPE17	Reliability and Quality Engineering	✓	✓	✓	
28	18MFPE18	Optimization Techniques in Engineering	✓	✓	✓	
29	18MFPE19	Advanced Tool Design	✓	✓	✓	
30	18MFPE20	Industrial Ergonomics	✓	✓	✓	
31	18MFPE21	Manufacturing of Non Metallic Products	✓	✓	✓	
32	18MFPE22	Artificial Intelligence and Expert Systems	✓	✓	✓	
33	18MFPE23	Advanced Metal Joining Techniques	✓	✓	✓	
34	18MFPE24	Non Destructive Evaluation	✓	✓	✓	
35	18MFPE25	Sensors For Intelligent Manufacturing	✓	✓	✓	
36	18MFOE13	Industrial Safety	✓	✓	✓	
37	18MFOE14	Operations Research	✓	✓	✓	
38	18MFOE15	Composite Materials	✓	✓	✓	
39	18MFACZ1	English For Research Paper Writing		✓		
40	18MFACZ2	Disaster Management	✓	✓	✓	


 - Principal
 Government College of Technology
 Coimbatore - 641 013



GOVERNMENT COLLEGE OF TECHNOLOGY


(An Autonomous Institution – Affiliated to Anna University, Chennai)

Coimbatore-641013.Tamilnadu.

M.E. THERMAL ENGINEERING

Sl.no	Course Code	Course Title	Field Project	Research Project	Internship	Link to the relevant document
1.	18TEFCZ1	Research Methodology And IPR	✓	✓		https://gct.ac.in/sites/gct.ac.in/files/M.E%20Thermal%20Engineering_0.pdf
2.	18TEPC01	Thermodynamics And Combustion	✓	✓		
3.	18TEPC02	Advanced Fluid Dynamics		✓		
4.	18TEPC03	Gas Turbines	✓	✓	✓	
5.	18TEPC05	Advanced Heat And Mass Transfer	✓	✓		
6.	18TEPC06	Steam Engineering	✓	✓	✓	
7.	18TEPC07	Computational Fluid Dynamics	✓	✓		
8.	18TEPE01	Numerical Methods In Thermal Engineering	✓	✓	✓	
9.	18TEPE02	Energy Auditing and Management	✓		✓	
10.	18TEPE03	Advanced Thermodynamics	✓	✓		
11.	18TEPE04	Design of Condensers, Evaporators and Cooling Towers	✓	✓	✓	
12.	18TEPE05	Instrumentation In Thermal Engineering	✓		✓	
13.	18TEPE06	Finite Element Methods In Thermal Engineering	✓	✓	✓	
14.	18TEPE07	Supercharging And Scavenging	✓	✓		

15.	18TEPE08	Engine Electronics	✓		
16.	18TEPE09	Manufacturing and Testing of IC Engines and Components	✓	✓	✓
17.	18TEPE10	Refrigeration And Cryogenics	✓	✓	✓
18.	18TEPE11	Advanced Gas Dynamics and Space Propulsion	✓	✓	✓
19.	18TEPE12	Fuels And Combustion	✓	✓	
20.	18TEPE13	Fans, Blowers and Compressors	✓	✓	
21.	18TEPE14	Thermal Energy Systems	✓	✓	✓
22.	18TEPE15	Modeling Of CI Engine Processes	✓	✓	
23.	18TEPE16	Air Conditioning System Design	✓	✓	✓
24.	18TEPE17	Engine Pollution and Control	✓	✓	
25.	18TEPE18	Alternative Fuels For IC Engines	✓	✓	
26.	18TEPE19	Nuclear Engineering	✓	✓	✓
27.	18TEPE20	Solar Energy and Wind Energy	✓	✓	✓
28.	18TEPE21	Diesel Emission Characteristics	✓	✓	
29.	18TEPE22	Environmental Engineering and Pollution Control	✓	✓	
30.	18TEPE23	Bio-Energy Conversion Techniques	✓	✓	✓
31.	18TEOE16	Global Warming Science	✓	✓	
32.	18TEOE17	Introduction to Nano Electronics	✓	✓	
33.	18TEOE18	Green Supply Chain Management	✓		


Principal
 Government College of Technology
 Coimbatore - 641 013



GOVERNMENT COLLEGE OF TECHNOLOGY


(An Autonomous Institution – Affiliated to Anna University, Chennai)

Coimbatore-641013.Tamilnadu.

M.E.POWER ELECTRONICS AND DRIVES

Sl.no	Course Code	Course Title	Field Project	Research Project	Internship	Link to the relevant document
1.	18PEFCZ1	Research Methodology and IPR		✓		https://gct.ac.in/sites/gct.ac.in/files/M.E%20POWER%20ELECTRONICS%20AND%20DRIVES.pdf
2.	18PEFC02	Applied Mathematics for Electrical Engineering	✓	✓		
3.	18PEPC01	Modelling And Analysis of Electrical Machines	✓	✓	✓	
4.	18PEPC02	Power Semiconductor Devices And Components	✓	✓	✓	
5.	18PEPC03	Analysis Of Power Converters	✓	✓	✓	
6.	18PEPC04	Power Electronic Circuits And Power Quality Laboratory	✓	✓		
7.	18PEPC05	Solid State Drives	✓	✓	✓	
8.	18PEPC06	Switched Mode Power Converters	✓	✓	✓	
9.	18PEPC07	Digital Control For Power Electronic Applications	✓	✓	✓	
10.	18PEPC08	Electric Drives Lab	✓	✓		
11.	18PEEE01	Mini Project With Seminar	✓	✓		
12.	18PEEE02	Project Phase I	✓	✓	✓	
13.	18PEEE03	Project Phase II	✓	✓	✓	
14.	18PEPE01	Modelling of Power Converters	✓	✓	✓	
15.	18PEPE02	Advanced Electric Drives and Controls	✓	✓	✓	
16.	18PEPE03	Modern Converters and Control Techniques	✓	✓	✓	
17.	18PEPE04	Computer Aided Design of Electrical Machines	✓	✓	✓	
18.	18PEPE05	Pulse Width Modulation for Power Converters	✓	✓	✓	
19.	18PEPE06	Special Machines and Controllers	✓	✓	✓	
20.	18PEPE07	Microcontroller Based System Design	✓	✓	✓	

21.	18PEPE08	Digital Signal Processing and Control	✓	✓	✓	
22.	18PEPE09	High Voltage DC Transmission Systems		✓	✓	
23.	18PEPE10	Flexible AC Transmission Systems	✓	✓	✓	
24.	18PEPE11	Power Electronic Applications to Power System	✓	✓	✓	
25.	18PEPE12	Evolutionary Computation		✓	✓	
26.	18PEPE13	Insulation Materials and Testing for Industrial Applications	✓	✓	✓	
27.	18PEPE14	Power Electronics in Wind and Solar Power Conversion	✓	✓	✓	
28.	18PEPE15	Distributed Generations and Microgrid	✓	✓	✓	
29.	18PEPE16	Electromagnetic Interference and Compatibility in System Design	✓	✓	✓	
30.	18PEPE17	Fuzzy and Neural Systems	✓	✓		
31.	18PEPE18	Modern Power Electronics for Traction Applications	✓	✓	✓	
32.	18PEOE22	Virtual Instrumentation	✓	✓	✓	
33.	18PEOE23	Energy Auditing	✓	✓	✓	
34.	18PEOE24	Advanced Energy Storage Technology	✓	✓	✓	


Principal
 Government College of Technology
 Coimbatore - 641 013



GOVERNMENT COLLEGE OF TECHNOLOGY


(An Autonomous Institution – Affiliated to Anna University, Chennai)

Coimbatore-641013.Tamilnadu.

M.E POWER SYSTEMS ENGINEERING

Sl.no	Course Code	Course Title	Field Project	Research Project	Internship	Link to the relevant document
1.	18PSFCZ1	Research Methodology And IPR	✓	✓	✓	https://gct.ac.in/sites/gct.ac.in/files/M.E%20POWER%20SYSTEM%20ENGG-SYLLABI.pdf
2.	18PSFC02	Optimization Techniques	✓	✓	✓	
3.	18PSPC01	System Theory	✓	✓	✓	
4.	18PSPC02	Digital Power System Protection	✓	✓	✓	
5.	18PSPC03	Computer Aided PowerSystem Analysis	✓	✓	✓	
6.	18PSPC04	Power System Operation And Control	✓	✓	✓	
7.	18PSPC05	Power System SimulationLaboratory	✓	✓	✓	
8.	18PSPC06	Smart Grid Technology And Applications	✓	✓	✓	
9.	18PSPC07	Power System Dynamics And Control	✓	✓	✓	
10.	18PSPC08	Restructured Power System And Deregulation	✓	✓	✓	
11.	18PSPC09	Advanced Power SystemSimulation Laboratory	✓	✓	✓	
12.	18PSEE01	Mini Project with Seminar	✓	✓	✓	
13.	18PSEE02	Project Phase I	✓	✓	✓	
14.	18PSEE03	Project Phase II	✓	✓	✓	
15.	18PSPE01	Power System Transients andSurge Protection	✓	✓	✓	
16.	18PSPE02	Power System Economics	✓	✓		
17.	18PSPE03	Power System Planning and Reliability	✓	✓	✓	
18.	18PSPE04	Power System Security	✓	✓	✓	
19.	18PSPE05	High Voltage DC Transmission Systems	✓	✓	✓	
20.	18PSPE06	Flexible AC Transmission Systems	✓	✓	✓	
21.	18PSPE07	Fem Modeling of HighVoltage Apparatus and Systems	✓	✓	✓	

22.	18PSPE08	EHVAC Transmission Systems	✓	✓	✓
23.	18PSPE09	High Voltage and Insulation Systems	✓	✓	✓
24.	18PSPE10	Power Electronic Applications to Power System	✓	✓	✓
25.	18PSPE11	Advanced Electric Drives and Controls		✓	✓
26.	18PSPE12	Power Electronics for Renewable Energy	✓	✓	✓
27.	18PSPE13	Distributed Generations and Microgrid	✓	✓	✓
28.	18PSPE14	Insulation Materials and Testing for Industrial Applications	✓	✓	✓
29.	18PSPE15	Electromagnetic Interference and Compatibility in System Design	✓	✓	✓
30.	18PSPE16	Fuzzy and Neural Systems		✓	✓
31.	18PSPE17	Intelligent Systems Application to Power Systems		✓	✓
32.	18PSPE18	Computer Relaying and Wide Area Measurement System	✓	✓	✓
33.	18PSPE19	Modern Power Electronics for Traction Applications	✓	✓	✓
34.	18PSOE19	Distribution Automation System	✓	✓	✓
35.	18PSOE20	Power Quality Assessment And Mitigation	✓	✓	✓
36.	18PSOE21	Modern Automotive Systems	✓	✓	✓


Principal
 Government College of Technology
 Coimbatore - 641 013



GOVERNMENT COLLEGE OF TECHNOLOGY


(An Autonomous Institution – Affiliated to Anna University, Chennai)

Coimbatore-641013.Tamilnadu.

M.E – APPLIED ELECTRONICS

Sl.no	Course Code	Course Title	Field Project	Research Project	Internship	Link to the relevant document
1.	18AEPC01	Advanced Digital system Design	✓	✓	✓	https://gct.ac.in/sites/gct.ac.in/files/M.E%20Applied%20Electronics_0.pdf
2.	18AEPC02	Statistical Signal Processing		✓	✓	
3.	18AEPC04	Embedded System Design	✓	✓	✓	
4.	18AEPC05	Image Processing and Computer Vision	✓	✓	✓	
5.	18AEPE02	Digital CMOS VLSI Design	✓	✓	✓	
6.	18AEPE03	VLSI Digital Signal Processing	✓	✓	✓	
7.	18AEPE04	Solid state devices modeling and simulation	✓	✓	✓	
8.	18AEPE05	Mixed Signal Circuits and Interfacing	✓	✓	✓	
9.	18AEPE06	DSP Integrated Circuits	✓	✓	✓	
10.	18AEPE07	Reconfigurable Architectures	✓	✓	✓	
11.	18AEPE08	NonlinearSignal Processing	✓	✓	✓	
12.	18AEPE09	Analog Integrated Circuits	✓	✓	✓	
13.	18AEPE10	ASIC Design	✓	✓	✓	
14.	18AEPE11	MIMOWireless Communication	✓	✓	✓	
15.	18AEPE12	Satellite Image Analysis	✓	✓	✓	
16.	18AEPE13	Biotelemetry and Telemedicine	✓	✓	✓	
17.	18AEPE14	Machine Learning	✓	✓	✓	
18.	18AEPE15	Micro sensors and MEMS	✓	✓	✓	
19.	18AEPE16	Multicore Architectures	✓	✓	✓	

20.	18AEPE17	Synthesis and Optimization of Digital Systems	✓	✓	✓
21.	18AEPE18	Analysis and Design of Analog Integrated Circuits	✓	✓	✓
22.	18AEPE19	RF IC Design	✓	✓	✓
23.	18AEPE20	Real Time Operating System	✓	✓	✓
24.	18AEPE25	Design of Digital Systems	✓	✓	✓
25.	18AEPE26	Advanced Processors	✓	✓	✓
26.	18AEPE27	Pattern Recognition	✓	✓	✓
27.	18AEPE01	Mini Project	✓	✓	✓
28.	18AEPE02	Project Phase I	✓	✓	✓
29.	18AEPE03	Project Phase II	✓	✓	✓
30.	18AEPE01	Advanced Digital system Design	✓	✓	✓


Principal
 Government College of Technology
 Coimbatore - 641 013



GOVERNMENT COLLEGE OF TECHNOLOGY


(An Autonomous Institution – Affiliated to Anna University, Chennai)

Coimbatore-641013.Tamilnadu.

M.E – VLSI DESIGN

Sl.no	Course Code	Course Title	Field Project	Research Project	Internship	Link to the relevant document
1.	18VLPC01	Digital CMOS VLSI design	✓	✓	✓	https://gct.ac.in/sites/gct.ac.in/files/M.E%20VLSI%20.pdf
2.	18VLPC02	VLSI Signal Processing		✓	✓	
3.	18VLPC03	Digital CMOS Design VLSI Laboratory	✓	✓	✓	
4.	18VLPC04	Analog VLSI Design	✓	✓	✓	
5.	18VLPC05	VLSI Design Verification and Testing	✓	✓	✓	
6.	18VLPC06	Analog VLSI Design Laboratory	✓	✓	✓	
7.	18VLEE01	Mini project	✓	✓	✓	
8.	18VLEE02	Project Phase I	✓	✓	✓	
9.	18VLEE03	Project Phase II	✓	✓	✓	
10.	18VLPE02	Advanced Digital System Design	✓	✓	✓	
11.	18VLPE03	VLSI Design Automation	✓	✓	✓	
12.	18VLPE04	Programming FPGA using HDLs	✓	✓	✓	
13.	18VLPE05	RTL Simulation and Synthesis	✓	✓	✓	
14.	18VLPE06	Image and Video processing	✓	✓	✓	
15.	18VLPE07	Design of Semiconductor Memories	✓	✓	✓	
16.	18VLPE09	Low Power VLSI Design	✓	✓	✓	

17	18VLPE10	VLSI Interconnects and Design Techniques	✓	✓	✓
18	18VLPE11	DSP Integrated Circuits	✓	✓	✓
19	18VLPE12	Electronic Packaging Technologies	✓	✓	✓
20	18VLPE13	ASIC Design		✓	✓
21	18VLPE14	Analysis and Design of Analog Integrated Circuits	✓	✓	✓
22	18VLPE15	Mixed Signal Circuits and Interfacing	✓	✓	✓
23	18VLPE16	RF IC Design	✓	✓	✓
24	18VLPE17	Reconfigurable Architecture for VLSI	✓	✓	✓
25	18VLPE18	VLSI Technology	✓	✓	✓
26	18VLPE19	System on Chip	✓	✓	✓
27	18VLPE20	VLSI for Wireless Communication System	✓	✓	✓
28	18VLOE28	VLSI Design	✓	✓	✓
29	18VLOE29	Analog & Mixed Mode VLSI Circuits	✓	✓	✓
30	18VLOE30	Hardware Description Languages	✓	✓	✓


 - Principal
 Government College of Technology
 Coimbatore - 641 013



GOVERNMENT COLLEGE OF TECHNOLOGY


(An Autonomous Institution – Affiliated to Anna University, Chennai)

Coimbatore-641013.Tamilnadu.

M.E – COMPUTER SCIENCE AND ENGINEERING

Sl.no	Course Code	Course Title	Field Project	Research Project	Internship	Link to the relevant document
1.	18CSFCZ1	Research Methodology and IPR		✓		https://gct.ac.in/sites/gct.ac.in/files/M.E%20Computer%20Science%20and%20Engineering_0.pdf
2.	18CSPC01	Formal Languages, Machines and Computations	✓	✓		
3.	18CSPC02	High Performance Computer Architecture	✓	✓	✓	
4.	18CSPC03	Algorithms and Complexity Analysis		✓		
5.	18CSPC04	Advanced Algorithms and Elective Lab	✓			
6.	18CSPC05	Advanced Database Systems	✓	✓	✓	
7.	18CSPC06	Network Science	✓	✓	✓	
8.	18CSPC07	Advances in Operating Systems	✓	✓	✓	
9.	18CSPC08	Advanced Computer Networks and Electives Lab	✓	✓	✓	
10.	18CSPE01	Computer Vision Engineering	✓	✓	✓	
11.	18CSPE02	Pattern Recognition	✓	✓	✓	
12.	18CSPE03	Digital Image Processing	✓	✓	✓	
13.	18CSPE04	Embedded Systems	✓	✓	✓	
14.	18CSPE05	Virtual Reality	✓	✓	✓	
15.	18CSPE06	Advanced Microcontrollers and Applications in Embedded systems	✓	✓	✓	
16.	18CSPE07	Virtualization Techniques	✓	✓	✓	
17.	18CSPE08	Soft Computing	✓	✓	✓	
18.	18CSPE09	Machine Learning	✓	✓	✓	
19.	18CSPE10	Parallel Algorithms	✓	✓	✓	
20.	18CSPE11	Fuzzy Logic and Neural Networks	✓	✓	✓	
21.	18CSPE12	Network Optimization Techniques	✓	✓	✓	
22.	18CSPE13	Theory of Modern Compilers	✓	✓	✓	

23.	18CSPE14	Distributed Network Algorithms	✓	✓	✓	
24.	18CSPE15	Internet of Things	✓	✓	✓	
25.	18CSPE16	Wireless Sensor Networks	✓	✓	✓	
26.	18CSPE17	Pervasive Computing	✓	✓	✓	
27.	18CSPE18	Software Defined Networking	✓	✓	✓	
28.	18CSPE19	Information Retrieval	✓	✓	✓	
29.	18CSPE20	Social Networks	✓	✓	✓	
30.	18CSPE21	Cyber Forensics	✓	✓	✓	
31.	18CSPE22	Cloud Computing	✓	✓	✓	
32.	18CSPE23	Cryptography and Network Security	✓	✓	✓	
33.	18CSPE24	Theory and Applications of Ontology	✓	✓	✓	
34.	18CSPE25	Mining Massive Datasets	✓	✓	✓	
35.	18CSPE26	Advanced Software Engineering	✓	✓	✓	
36.	18CSPE27	Robotics process automation	✓	✓	✓	
37.	18CSOE31	Artificial Intelligence and Machine Learning	✓	✓	✓	
38.	18CSOE32	Computer Network Engineering	✓	✓	✓	
39.	18CSOE33	Big Data Analytics	✓	✓	✓	


Principal
 Government College of Technology
 Coimbatore - 641 013



GOVERNMENT COLLEGE OF TECHNOLOGY

(An Autonomous Institution – Affiliated to Anna University, Chennai)

Coimbatore-641013.Tamilnadu.

**Course contents having
element of field projects /
research projects /
internships**



GOVERNMENT COLLEGE OF TECHNOLOGY


(An Autonomous Institution – Affiliated to Anna University, Chennai)

Coimbatore-641013.Tamilnadu.

1.3.3-Course contents having element of field projects / research projects / internships

S.No	Name of the Program	Link to the relevant document
1.	B.E CIVIL ENGINEERING	https://gct.ac.in/sites/gct.ac.in/files/B.E%20CIVIL.pdf
2.	B.E MECHANICAL ENGINEERING	https://gct.ac.in/sites/gct.ac.in/files/B.E%20MECH.pdf
3.	B.E – ELECTRICAL AND ELECTRONICS ENGINEERING	https://gct.ac.in/sites/gct.ac.in/files/B.E%20EEE_2.pdf
4.	B.E – ELECTRONICS AND COMMUNICATION ENGINEERING	https://gct.ac.in/sites/gct.ac.in/files/B.E%20ECE_2.pdf
5.	B.E PRODUCTION ENGINEERING	https://gct.ac.in/sites/gct.ac.in/files/B.E-PRODN.PDF
6.	B.E - ELECTRONICS AND INSTRUMENTATION ENGINEERING	https://gct.ac.in/sites/gct.ac.in/files/B.E%20EIE_2.pdf
7.	B.E – COMPUTER SCIENCE AND ENGINEERING	https://gct.ac.in/sites/gct.ac.in/files/B.E%20CSE_2.pdf
8.	B.TECH - INFORMATION TECHNOLOGY	https://gct.ac.in/sites/gct.ac.in/files/B.TECH%20IT_1.pdf
9.	B.TECH – INDUSTRIAL BIOTECHNOLOGY	https://gct.ac.in/sites/gct.ac.in/files/B.TECH%20IBT.PDF
10.	M.E. STRUCTURAL ENGINEERING	https://gct.ac.in/sites/gct.ac.in/files/M.E%20Structural%20Engineering_0.pdf
11.	M.E. GEOTECHNICAL ENGINEERING	https://gct.ac.in/sites/gct.ac.in/files/M.E%20Geotechnical%20Engineering_1.pdf
12.	M.E. ENVIRONMENTAL ENGINEERING	https://gct.ac.in/sites/gct.ac.in/files/M.E%20Environmental%20Engineering_1.pdf
13.	M.E. ENGINEERING DESIGN	https://gct.ac.in/sites/gct.ac.in/files/M.E%20Engineering%20Design_0.pdf

14.	M.E. MANUFACTURING ENGINEERING	https://gct.ac.in/sites/gct.ac.in/files/M.E%20Manufacturing%20Engineering_0.pdf
15.	M.E. THERMAL ENGINEERING	https://gct.ac.in/sites/gct.ac.in/files/M.E%20Thermal%20Engineering_0.pdf
16.	M.E.POWER ELECTRONICS AND DRIVES	https://gct.ac.in/sites/gct.ac.in/files/M.E%20POWER%20ELECTRONICS%20AND%20DRIVES.pdf
17.	M.E POWER SYSTEMS ENGINEERING	https://gct.ac.in/sites/gct.ac.in/files/M.E%20POWER%20SYSTEM%20ENGG-SYLLABI.pdf
18.	M.E – APPLIED ELECTRONICS	https://gct.ac.in/sites/gct.ac.in/files/M.E%20Applied%20Electronics_0.pdf
19.	M.E – VLSI DESIGN	https://gct.ac.in/sites/gct.ac.in/files/M.E%20VLSI_0.pdf
20.	M.E – COMPUTER SCIENCE AND ENGINEERING	https://gct.ac.in/sites/gct.ac.in/files/M.E%20Computer%20Science%20and%20Engineering_0.pdf


Principal
 Government College of Technology
 Coimbatore - 641 013

Date : 23.07.2021

Minutes of Department Consultative Committee Meeting

Department Consultative Committee meeting was conducted on 23.07.2021 at 3.00 pm in HOD room to decide the credits for internship/ industrial training undergone by the 2018 batch students.

The following members were present:

1. Dr.V.Gopalakrishnan, Head of the Department, EIE
2. Dr.A.S.Wincy Pon Annal, AP,EIE – Programme Coordinator
3. Prof. G.R.Radhika,AP,EIE – Faculty Advisor
4. Prof.C.Marimuthu,AP,EIE – Senior Faculty

- The following students have undergone internship in Gateway Software Solutions, Coimbatore from 20.05.2020-13.06.2020 (3 weeks). Certificates (internship programme) – of the students are verified by the committee.

S.no	Register no	Name of the Student
1	1816102	ABIRAMI G
2	1816104	AKSHAYA D
3	1816110	DEEPADEVI A
4	1816111	DEEPIKA S
5	1816112	DEVADHARSHINI K M
6	1816117	GOKUL P
7	1816122	KALAIVANI G
8	1816123	KARRISHMA S
9	1816126	MANONMANI R
10	1816130	NITHYASRI B
11	1816132	PRAVEEN KUMAR G
12	1816135	RAJESHKUMAR R
13	1816141	SASIDHARAN S
14	1816142	SATHYA PRIYA N
15	1816146	SRIRAM JEGAN T
16	1816147	SUJITHA R
17	1816148	SWATHI M
18	1816149	THANVEER ASIF M
19	1816152	VIGNESH B
20	1816153	VIJAY M
21	1816155	VISHNU PRIYA S H
22	1816L06	PUGALENDHI K

Duration of the programme is 3 weeks and hence it is decided by the committee to provide 3 credits for the internship undergone by the above mentioned students.

Principal
Principal
Government College of Technology
Coimbatore - 641 013

- The following students have undergone internship in Gateway Software Solutions, Coimbatore from 15.06.2020-10.07.2020 (3 weeks). Certificates (internship programme) – of the students are verified by the committee.

S.no	Register no	Name of the Student
1	1816105	AMIRTHA E
2	1816109	ASHWINI A
3	1816L01	AJAY KUMAR M
4	1816L02	BOOMA C
5	1816L08	SUBHASINI M
6	1816L10	UDAYAVANI R

Duration of the programme is 3 weeks and hence it is decided by the committee to provide 3 credits for the internship undergone by the above mentioned students.

- The following students have undergone internship in National Small Industries Corporation Limited, Chennai from 04.01.2021-08.01.2021 . Certificates (internship programme) – of the students are verified by the committee.

S.no	Register no	Name of the Student
1	1816105	AMIRTHA E
2	1816107	ANUSUYA R
3	1816108	ARAVINDHAN A
4	1816109	ASHWINI A
5	1816111	DEEPIKA S
6	1816114	DHOD RAJ S
7	1816121	KAAVIYAA K L
8	1816123	KARRISHMA S
9	1816128	NIRMALKUMAR A
10	1816131	POWSHIKA B
11	1816132	PRAVEEN KUMAR G
12	1816138	SANJAI D
13	1816148	SWATHI M
14	1816151	THILAK S
15	1816156	YUHENDIRA KRISHINA S
16	1816L02	BOOMA C
17	1816L08	SUBHASINI M
18	1816L10	UDAYAVANI R

Duration of the programme is 1 weeks and hence it is decided by the committee to provide 1 credit for the internship undergone by the above mentioned students.

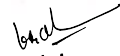
The Continuous Assessment for internship is to be conducted for 100 mark. The split up mark for continuous assessment is as mentioned below.

Member - 1	Report-5 mark	25 mark
	Presentation -10 mark	
	Viva - 10 mark	
Member -2	Report-5 mark	25 mark
	Presentation -10 mark	
	Viva - 10 mark	
Member-3	Report-15 mark	50 mark
	Presentation -20 mark	
	Viva - 15 mark	
		Total - 100 mark

The meeting came to an end at 3.30 PM.


23/7/21
Programme Coordinator


23/7/21
Head of the Department/EIE


Principal
Government College of Technology
Coimbatore - 641 013

DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING
GOVERNMENT COLLEGE OF TECHNOLOGY, COIMBATORE-13

Date: 15.06.2022

Minutes of Department Consultative Committee Meeting

Department Consultative Committee meeting was conducted on 03.06.2022 at 10.00 A.M in Virtual Instrumentation Laboratory to decide the credits for 18NEE609- Internship undergone by the 2019 batch students.

The following members were present:

1. Dr.V.Gopalakrishnan, Head of the Department, EIE
 2. Dr.A.S.Wincy Pon Annal, AP,EIE - Programme Coordinator
 3. Prof. C.Marimuthu,AP,EIE - Faculty Advisor
 4. Prof G.R.Radhika, AP,EIE- Senior Faculty
- The following students have undergone internship in NALvision Pvt Ltd, Coimbatore from 06.12.2021 to 31.12.2021 (4 weeks). Certificates (internship programme) of the students are verified by the committee.

S.no	Register no	Name of the Student
1	1916107	BALAJI O S P
2	1916124	KAVYA M
3	1916130	NARENDRAN S
4	1916148	SUNTRAKANESH SU
5	1916152	YASHOLEKHA R

Duration of the programme is 4 weeks and hence it is decided by the committee to provide 4 credits for the internship undergone by the above mentioned students.

- The following students have undergone internship in BSNL, Coimbatore from 20.12.2021 to 31.12.2021 (2 weeks) and NLC, Neyveli from 09.12.2021 to 22.12.2021 (2 Weeks). Certificates (internship programme) of the students are verified by the committee.

S.no	Register no	Name of the Student
1	1916101	ABHIJIT S
2	1916103	AJITHKUMAR R
3	1916110	BHARATHKUMAR K
4	1916111	BOOBALAN M
5	1916112	DEIVANAYAKI B
6	1916115	HARIHARAN S
7	1916116	HARISH B
8	1916117	HARISHWIN J
9	1916120	JANANI K
10	1916122	KARTHIG S
11	1916129	MOHANRAJ K
12	1916131	NAVEEN S
13	1916132	NEITHHALA S
14	1916134	NITHISH KUMAR R
15	1916136	PRAKASH R
16	1916138	RAMYA M
17	1916142	SANTHOSH P
18	1916144	SELVA RANI V
19	1916145	SHOBICA B
20	1916146	SRI KAMESH GURU R
21	1916149	THILLAIARASI V

22	1916150	✓ VAISHNAVI G
23	1916151	✓ VENKATESAN V
24	1916L01	✓ AKASH M
25	1916L05	✓ ELANGOVAR R
26	1916L06	✓ HARI J
27	1916L07	✓ KARTHICK S
28	1916L08	✓ MADHANREYAN V
29	1916L09	✓ NISHANTH K

Duration of the programme is 2 weeks and hence it is decided by the committee to provide 2 credits for the internship undergone by the above mentioned students.

- The following students have undergone internship in Coimbatore Electricity Distribution circle Metro, Coimbatore from 15.12.2021 to 20.12.2021 and Saurer Textile solution Pvt Ltd, Coimbatore from 20.12.2021 to 24.12.2021. Certificates (internship programme) - of the students are verified by the committee.

S.no	Register no	Name of the Student
1	1916102	✓ AISWARYA P
2	1916104	✓ ANGEL R
3	1916113	✓ DINESH N
4	1916118	✓ HEMALATHA S
5	1916119	✓ INDUJAA S
6	1916121	✓ KALPANA P
7	1916123	✓ KAVIYA C
8	1916125	✓ KIRUTHIGHA R
9	1916126	✓ MAHADEVI M
10	1916135	✓ POOVIZHI S
11	1916140	✓ SAFREEN Z
12	1916141	✓ SANDHIYA S
13	1916143	✓ SARVA KIRUTHIKA A
14	1916147	✓ SUBARANJANI P


Duration of the programme is 1 weeks and hence it is decided by the committee to provide 1 credit for the internship undergone by the above mentioned students.

The Continuous Assessment for internship is to be conducted for 100 marks.


The split up mark for continuous assessment is as mentioned below.

Member - 1 (Senior Faculty)	Report-5 mark	25 mark
	Presentation -10 mark	
	Viva - 10 mark	
Member -2 (Programme Co-Ordinator)	Report-5 mark	25 mark
	Presentation -10 mark	
	Viva - 10 mark	
Member-3 (Faculty Advisor)	Report-15 mark	50 mark
	Presentation -20 mark	
	Viva - 15 mark	
		Total - 100 mark

The meeting came to an end at 1.30 PM.


15/12/22
Faculty Advisor


15/12/22
Programme Coordinator


15/12/22
HoD/EIE

**DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING
GOVERNMENT COLLEGE OF TECHNOLOGY, COIMBATORE-13**

Date: 06.12.2022

Minutes of Department Consultative Committee Meeting

Department Consultative Committee meeting was conducted on 25.11.2022 at 10.00 A.M in Virtual Instrumentation Laboratory to decide the credits for 18NEE509- Internship undergone by the 2020 batch students.

The following members were present:

1. Dr.V.Prasannamoorthy, Head of the Department, EIE
2. Dr.A.S.Wincy Pon Annal, AP/EIE - Programme Coordinator
3. Prof. G.R.Radhika, AP/EIE - Senior Faculty
4. Prof M.Raghappriya, AP/EIE- Faculty Advisor

- It is decided by the committee to provide credits for the internship undergone by the students as follows
1 week - 1 credit
2 weeks - 2 credits
3 weeks - 3 credits
4 weeks - 4 credits
- Certificates (internship programme) of the students are verified by the committee. Thus the committee has awarded the internship credits to the following students

S.no	Register no	Name of the Student	Company	Date	No of weeks	Credits awarded
1	2016113	KAAVYASHREE T MA	Seshasayee Paper and Boards Limited, Erode	12.07.2022 to 18.07.2022	1 week	1
			Ashok Leyland, Hosur	25.07.2022 to 30.07.2022	1 week	1
2	2016122	SANDHIYA S	Seshasayee Paper and Boards Limited, Erode	12.07.2022 to 18.07.2022	1 week	1
			Ashok Leyland, Hosur	25.07.2022 to 30.07.2022	1 week	1
3	2016123	SANDHIYA T	Seshasayee Paper and Boards Limited, Erode	12.07.2022 to 18.07.2022	1 week	1
			Ashok Leyland, Hosur	25.07.2022 to 30.07.2022	1 week	1

baal
Principal
Government College of Technology
Coimbatore - 641 013

53

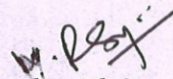
4	2016117	MOHANA D	Ashok Leyland, Hosur	25.07.2022 to 30.07.2022	1 week	1
5	2016103	AYESHA MARIYAM A	Steel Authority of India Limited, Salem	19.07.2022 to 1.08.2022	2 weeks	2
6	2016109	DHEESHA G				
7	2016111	ISWARYA S				
8	2016125	SANTHASIVAM A				
9	2016130	SINDHU M				
10	2016135	SUBASRI S				
11	2016137	THIVAGARMURUGAN V	Centum Controls Private Limited, Chennai	14.07.2022 to 30.07.2022	2 weeks	2
12	2016112	JANANI V				
13	2016126	SANTHOSH KUMAR M				
14	2016L04	DURAIRAJ D				
15	2016L19	PRADEESH S				
16	2016L21	RAGUL D				
17	2016L22	SABARISH R	Satish Dhawan Space Centre, Shriharikota	18.07.2022 to 2.08.2022	2 weeks	2
18	2016105	CHANDAN VIGNESH KV				
19	2016106	DANIEL VASANTHAN S	Bell products private limited, Tirunelveli from	18.07.2022 to 30.07.2022	2 weeks	2
20	2016115	LANKEISH M	Bharat Aluminium Company Limited (BALCO), Chhattisgarh	13.07.2022 to 30.07.2022	2 weeks	2
21	2016138	UDHAYA CHANDIRAN S				
22	2016L01	ABIRAMI M	TamilNadu Newsprint and Papers Limited (TNPL), Karur	29.07.2022 to 09.08.2022	2 weeks	2
23	2016L25	SYEDMUSTHAFA A	TamilNadu Newsprint and Papers Limited (TNPL), Karur	20.07.2022 to 03.08.2022	2 weeks	2
24	2016L27	VEERAMANI K	TamilNadu Newsprint and Papers Limited (TNPL), Karur	29.07.2022 to 03.08.2022	1 week	1
25	2016L13	KAVYASHRI R P				
26	2016L23	SOUJENYAA C				
27	2016101	AJAYKUMAR J	SMS Gears Private	25.07.2022 to 03.08.2022	2 weeks	2
28	2016134	SUBASH A				
29	2016L20	PRIYANKA N				

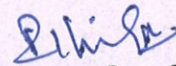
30	2016L24	SUBA M	Limited, Coimbatore			
31	2016108	DHARUN BALAJI P	ATS ELGI, Coimbatore	14.07.2022 to 3.08.2022	3 weeks	3

The Continuous Assessment for internship is to be conducted for 100 marks. The split up mark for continuous assessment is as mentioned below.

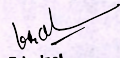
Member - 1 (Senior Faculty)	Report-5 mark	25 mark
	Presentation -10 mark	
	Viva - 10 mark	
Member -2 (Programme Co-Ordinator)	Report-5 mark	25 mark
	Presentation -10 mark	
	Viva - 10 mark	
Member-3 (Faculty Advisor)	Report-15 mark	50 mark
	Presentation -20 mark	
	Viva - 15 mark	
		Total - 100 mark

The meeting came to an end at 1.00 PM.


Faculty Advisor


Programme Coordinator


HoD/EIE


Principal
Government College of Technology
Coimbatore - 641 013

EIE - 1823 - Internship
2020 BT

**DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING
GOVERNMENT COLLEGE OF TECHNOLOGY, COIMBATORE-13**

Date: 22.05.2023

Minutes of Department Consultative Committee Meeting

Department Consultative Committee meeting was conducted on 19.05.2023 at 10.00 A.M in Virtual Instrumentation Laboratory to decide the credits for 18NEE609- Internship undergone by the 2020 batch students.

The following members were present:

1. Dr.E.Latha Mercy, Professor & Head of the Department, EIE
2. Dr.A.S.Wincy Pon Annal, AP/EIE - Programme Coordinator
3. Prof. G.R.Radhika, AP/EIE - Senior Faculty
4. Prof M.Raghappriya, AP/EIE- Faculty Advisor

- It is decided by the committee to provide credits for the internship undergone by the students as follows
 - 1 week - 1 credit
 - 2 weeks - 2 credits
 - 3 weeks - 3 credits
 - 4 weeks - 4 credits
- Certificates (internship programme) of the students are verified by the committee. Thus the committee has awarded the internship credits to the following students

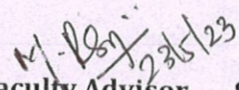

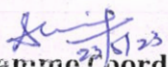
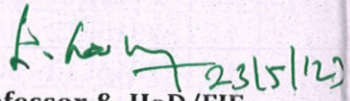
S.no	Register no	Name of the Student	Company	Date	No of weeks	Credits awarded
1	2016101	AJAY KUMAR J	SMS DRILLING GEARS PRIVATE LTD, COIMBATORE	05.01.2023 to 21.01.2023	2 weeks	2
2	2016108	DHARUN BALAJI P				
3	2016126	SANTHOSH KUMAR M				
5	2016129	SHREE RANGARAJU S				
6	2016L04	DURAIRAJ D				
7	2016L19	PRADEESH S				
8	2016L21	RAGUL D				
9	2016L22	SABARISH R	SMS GEARS PRIVATE LTD, COIMBATORE	09.01.2023 to 21.01.2023	2 weeks	2
10	2016114	KAVIYANJALI R				
11	2016L10	JEEVA S				
12	2016L11	KAMALESH S				
13	2016L12	KAVIN S				
14	2016L13	KAVYA SHRI R P				
15	2016L14	KISHORE S				
16	2016L15	MADESH D	SALZER ELECTRONICS LTD, COIMBATORE	10.01.2023 to 23.01.2023	2 weeks	2
17	2016L23	SOUJENYAA C				
18	2016110	DIVYA R M				
19	2016112	JANANI V				
20	2016132	SOWBARNIGA K	ECI SYSTEMS PRIVATE LTD, COIMBATORE	19.01.2023 to 31.01.2023	2 weeks	2
21	2016L09	HARIKISHAN V				
22	2016107	DEEPAK KUMAR M				
23	2016119	NANDHA KUMAR P	ZTT INDIA PRIVATE LTD, CHITTOOR	18.01.2023 to 25.01.2023	1 week	1
24	2016136	SUBHAAKAR K R				
25	2016118	NAGARAM SARATH SAI				
26	2016L17	NANDHA KUMAR T				


27	2016L08	HARIHARAN R	MX-HUB TECHNOCARE, CHENNAI	20.01.2023 to 31.01.2023	2 weeks	2
28	2016121	RAVICHANDRAN T	RISUN INFOTEX INDUSTRIES PRIVATE LTD,MADURAI	05.01.2023 TO 13.01.2023	1 week	1
29	2016128	SHAM VENKAT J	DAS INDIA PRIVATE LTD, SRIPERAMBATHUR	18.01.2023 to 31.01.2023	2 weeks	2
30	2016L01	ABIRAMI M	COTMAC ELECTRONICS, CHENNAI	10.01.2023 TO 31.01.2023	3 weeks	3
31	2016133	SRIRAG K	IGCAR KALPAKKAM	15.07.2022 TO 15.08.2022	3 weeks	3

The Continuous Assessment for internship is to be conducted for 100 marks. The split up mark for continuous assessment is as mentioned below.

Member - 1 (Senior Faculty)	Report-5 mark	25 mark
	Presentation -10 mark	
	Viva - 10 mark	
Member -2 (Programme Co-Ordinator)	Report-5 mark	25 mark
	Presentation -10 mark	
	Viva - 10 mark	
Member-3 (Faculty Advisor)	Report-15 mark	50 mark
	Presentation -20 mark	
	Viva - 15 mark	
		Total - 100 mark

The meeting came to an end at 1.00 PM.

 Faculty Advisor
  Senior faculty
  Programme Coordinator
  Professor & HoD/EIE


 Principal
 Government College of Technology
 Coimbatore - 641 013



GOVERNMENT COLLEGE OF TECHNOLOGY

(An Autonomous Institution – Affiliated to Anna University, Chennai)

Coimbatore-641013.Tamilnadu.

Internship completion certificates

HW
Internship Certificate - Am23



**PUBLIC WORKS DEPARTMENT
BUILDINGS (C&M) DIVISION COIMBATORE**

CERTIFICATE

This is to certify that R.AARTHI , B.E – CIVIL ENGINEERING (Third Year) (Register No: 2011101) of GOVERNMENT COLLEGE OF TECHNOLOGY, COIMBATORE has successfully completed the Internship training from 06.01.2023 to 02.02.2023 in Buildings (C&M) Division, Public Works Department, Coimbatore.

Chaitanya
31/12 →
Executive Engineer, PWD.,
Buildings (C&M) Division,
Coimbatore -I

lead
Principal
Government College of Technology
Coimbatore - 641 013



Roots Industries India Limited



ROOTS TALENT DEVELOPMENT CENTRE

CERTIFICATE

This is to certify that

Mr. Jeevanantham P (1812140)

B.E. (Mechanical Engineering)



Government College of Technology, Coimbatore

has undergone Virtual Internship Programme

our organization during the period from **04.11.2020 to 04.12.2020**

on Stamping, Die casting and Injection Molding.

We wish him Good Luck.

N. Sampathkumar

N. Sampathkumar

Head - Training & Development

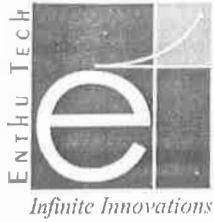
Dr. Kavidasan

Dr. Kavidasan

Director

Principal
Government College of Technology
Coimbatore - 641 013

Coimbatore
12.2020



ENTHU TECHNOLOGY SOLUTIONS INDIA PVT LTD




110

*This is to certify that Mr/Ms Ganesh.M,
Electrical and Electronics Engineering Department,
of Government College of Technology has
Successfully Undergone 2 Weeks Internship Training
on IoT during 21/07/2022 to 03/08/2022.*

Certificate No.: EAS/CERT/OFFLINE/IoT/22-23/178


Training Manager
ENTHU TECHNOLOGY SOLUTIONS
INDIA PVT LTD


Director
ENTHU TECHNOLOGY SOLUTIONS
INDIA PVT LTD


Principal
Government College of Technology
Coimbatore - 641 013

MSME-TECHNOLOGY DEVELOPMENT CENTRE (PPDC)

एम.एस.एम.ई.- तकनीकी विकास केन्द्र
Ministry of Micro, Small and Medium Enterprises
सूक्ष्म, लघु और मध्यम उद्यम मंत्रालय

Government of India Society
भारत सरकार की सोसाइटी
Foundry Nagar, Agra-282 006 (U.P.)
फाउन्ड्री नगर, आगरा-282 006 (उ.प्र.)



Reg. No : 152764

प्रमाण पत्र
Certificate

This is to certify that

Mr. R Devanarayanan

S/o Mr. Ramesh M

has successfully completed internship

in

EMBEDDED SYSTEM

from 18.07.2022 to 13.08.2022 at MSME-TDC, EC-Coimbatore



DATE : August 26, 2022
PLACE : AGRA


(SACHIN RAJPAL)
PRINCIPAL DIRECTOR

No. PPDC/Trg./OSP/2022-23/9597

Certificate No: PS-APSSDC-EV2.0INTNOV-14



**SKILL AP
APSSDC**

CERTIFICATE

OF INTERNSHIP

This certificate is proudly presented to:

Mr.S.GOWTHAMAN

GOVT COLLEGE OF TECHNOLOGY, COIMBATORE

has successfully completed 30 DAYS - ELECTRIC VEHICLE DESIGN - MATLAB/SIMULINK
organized by APSSDC and Pantech Solutions Private Limited

From : 01.11.2021

To: 30.11.2021

SRINIVASAN N
DIRECTOR, PANTECH SOLUTIONS PVT LTD

DR. RAVI GUJJALA
CHIEF GENERAL MANAGER TECHNICAL, APSSDC

Principal
Government College of Technology
Coimbatore - 641 013

No. : 11684



एस आई सी
S I C

राष्ट्रीय लघु उद्योग निगम लिमिटेड

NATIONAL SMALL INDUSTRIES CORPORATION LIMITED

(A Govt. of India Enterprise)

NSIC - TECHNICAL SERVICES CENTRE,

Sector B-24, Guindy Industrial Estate, Ekkaduthangal, Chennai - 600 032

1816134


CERTIFICATE

This is to certify that Mr. **RAJAN S** S/o Shri **SUNDARAM H** student of III year B.E (EIE), Government College of Technology, Coimbatore, has undergone **VIRTUAL INTERNSHIP TRAINING on EMBEDDED SYSTEMS with IoT** conducted by us for a period of two weeks from 26.04.2021 to 07.05.2021.




HEAD OF TRAINING

Page 64 of 67


HEAD OF CENTRE

64

2017112



Tamilnadu Newsprint and Papers Limited

(A Government of Tamilnadu Enterprise)

Kagithapuram - 639 136, Karur Dist. Tamilnadu, India.

Phone : (0091) 04324 - 277001 to 277010 (10 Lines)

Fax : (0091) 04324 - 277025 PMD : 04324 - 277027

HR : 04324 - 277273 Cell : 94860 41341 to 41343



CSI
ATIONAL AWARD
OR EXCELLENCE IN
ORPORATE GOVERNANCE

CERTIFICATE

HR/31/23/INT/CSE/2023/01/01

February 9, 2023

Name : **N. MADHUMITHA**

Department : **B.E (CSE)**

Name of the Institution : **Government College of Technology
Coimbatore**

Departments in Which
Undergone Internship Training : **Information & Communication Technology**

Internship Training Duration : **From: 10.01.2023 To: 06.02.2023.
(Excluding Weekly Off)**

J. Venkatesan
MANAGER - HR 9/2/23
J.VENKATESAN
Manager - HR

TamilNadu Newsprint and Papers Limited
Kagithapuram - 639 136. Karur District.

bad
Principal
Government College of Technology
Coimbatore - 641 013



The mark of responsible forestry

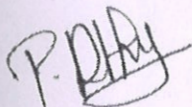
2018138

CERTIFICATE

This is to certify that **Samyuctha . A** student of **B.Tech. IT - II** from **Government College of Tech-Coimbatore** has successfully completed **Internship Training-Web Development** during the period of **15.07.2022 to 02.08 2022** in our company.

During the Internship Training period her performance and hard work were found to be good.

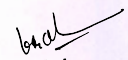
For GR Soft Technology Pvt. Ltd, - Trichy

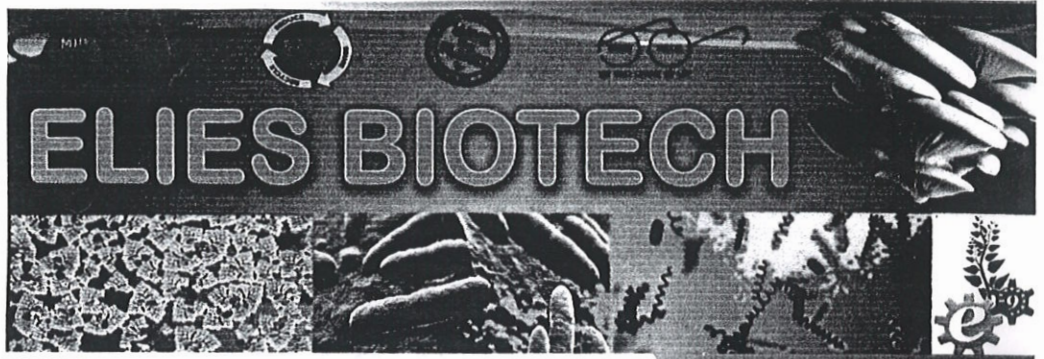
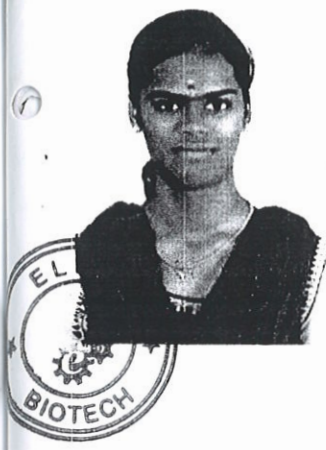


Manager-HR



66


Principal
Government College of Technology
Coimbatore - 641 013



Certificate

Awarded to

Ms. PRIYANKA A

Roll. No.: 1619143

**B.Tech., Biotechnology student of Department of Industrial Biotechnology
GOVERNMENT COLLEGE OF TECHNOLOGY
(Affiliated to ANNA UNIVERSITY, CHENNAI)
Coimbatore – 641 013. India.**

ELIES BIOTECH Food and Agricultural Biotechnology Products certify that the Entrepreneurial skills and technical requirements covering the scope of the Bio-Science & Technology training has been evaluated after the successful completion of the training from 19.04.2019 to 19.05.2019 and found Good to be in accordance with the curriculum

SCOPE OF TRAINING

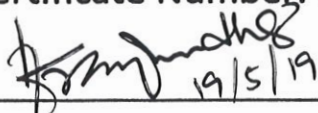
- Mushroom Cultivation Technology – Spawn Tissue Culture and Fruiting Bodies
- Effective Microorganisms (EM) Preparations – Organic Agricultural Practices
- Basics of Quality Standards – ISO 22000, FSMS, ISO 17025, BRC, HALAL, KOSHER
- Effective Waste Management – Wealth from Wastes
- Water & Soil Testing – Physical, Chemical & Biological Analysis
- Entrepreneurial Development opportunities – Life / Biological sciences

Number of Training Days: 31 Days Approval Date: 10, April 2019
To check this certificate details please call: +91 994 2921 613

Further clarifications regarding the scope of this certificate and applicability of the study program requirements may be obtained by consulting the Organization.

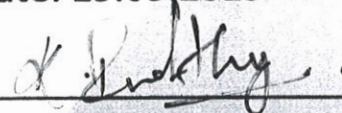
Certificate Number: F28/04-2019

Date: 19.05.2019



Dr. ARAVINDH Selvaraj , Ph.D.,
Course Coordinator





Mrs. K. INDUMATHY M.Sc., (Ph.D.,)
Director

Reg. Office Address: No.13-B, Tharakadu, Subramaniam Nagar, Veerappam Palayam, Thindal Post, Erode – 638 012. Tamil Nadu, India. eliesbiotech@gmail.com; www.eliesbiotech.page4.me

W. Aravindh Selvaraj
4/11/19
REVIEWER 1

P. Aravindh Selvaraj
4/11/19
REVIEWER 2

K. Indumathy
4/11/19
INTERNSHIP CO-ORDINATOR
Principal
Government College of Technology
Coimbatore - 641 013