



COIMBATORE INSTITUTE OF TECHNOLOGY

(Government Aided Autonomous Institution)

(Affiliated to Anna University, Chennai & Approved by AICTE, New Delhi)

Established in 1956, A Unit of V.Rangasamy Naidu Educational Trust

CIVIL AERODROME POST, COIMBATORE-641 014, TAMILNADU, INDIA

Criteria VI Governance, Leadership and Management

Key Indicator – 6.5 Internal Quality Assurance System

6.5.3 Institution has adopted the following for Quality assurance:

1. Academic and Administrative Audit (AAA) and follow up action taken
2. Conferences, Seminars, Workshops on quality conducted
3. Collaborative quality initiatives with other institution(s)
4. Orientation programme on quality issues for teachers and students
5. Participation in NIRF and other recognized ranking like Shanghai Ranking, QS Ranking Times Ranking etc.
6. Any other quality audit recognized by state, national or international agencies

Contents

- Academic Audit report

COIMBATORE INSTITUTE OF TECHNOLOGY

(An Autonomous Institution Affiliated To Anna University)

COIMBATORE - 641014

DEPARTMENT OF CHEMICAL ENGINEERING



INTERNAL SUBJECT AUDIT REPORT

B.TECH CHEMICAL ENGINEERING

I,III,V & VII SEMESTER

2019-2020

COIMBATORE INSTITUTE OF TECHNOLOGY
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DEPARTMENT OF CHEMICAL ENGINEERING

SUBJECT CODE	SUBJECT NAME	Credit	Faculty Incharge	Faculty Signature
B.Tech - Chemical Engineering – First Semester				
19FYM11	Calculus and Fourier series	4	Dr.S.Dayana Mary	<i>[Signature]</i>
19FYE11	Technical English	2	Ms.S.Sindhuja/Ms.M.Seema	<i>S.Sindhuja</i>
19FYP15	Physics for Chemical Engineers	3	Dr.K.Thilagavathy	<i>K.Thilagavathy</i>
19CH11	Physical Chemistry	3	Mrs.P.Rupa	<i>P.Rupa</i>
19CM11	Basic Civil and Mechanical Engineering	3	Ms.T.Shiyamala / Mr.C.Manivannan	<i>[Signature]</i>
19MEL11	Engineering Graphics	3	Mr.P.Ramakrishnan/ Mr.Tony Punnoose valayil/ Mr.M.Muruganandam/ Mr.R.S. Mohankumar	<i>[Signature]</i>
19PHL11	Physics Laboratory - I	1	Dr.K.Thilagavathy/ Dr.T.Venkatachalam/ Dr.K.Ananthi/ Dr.M.Vijay	<i>K.Thilagavathy</i>
19CHL11	Physical Chemistry Laboratory	1	Mrs. P.Rupa/ Dr. Dr.E.P.Subramanian / Dr. S. Sugapriya/ Dr. B. Gayathri	<i>P.Rupa</i>
19FYEL11	Employability Skills	1	Ms.S.Sindhuja/ Ms.M.Seema/ Ms.M.Mangani	<i>S.Sindhuja</i>
B.Tech - Chemical Engineering – Third Semester				
15CEM31	Complex Variables, Fourier Transforms and Partial Differential Equations	3	Ms.B.Sangeetha	<i>[Signature]</i>
15CH31	Organic Chemistry	3	Dr.E.P.Subramanian	<i>[Signature]</i>
15CH32	Mechanics of Solids	3	Ms.S.Kavitha	<i>[Signature]</i>
15CH33	Fluid Mechanics	3	Dr.V.M.Sivakumar	<i>[Signature]</i>
15CH34	Electrical Machines and Drives	3	Ms.C.Christina	<i>[Signature]</i>

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Signature of Auditor
15/2/2020

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Signature of Chief Auditor
15/2/2020

COIMBATORE INSTITUTE OF TECHNOLOGY
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15CH35	Chemical Process Calculations	3	Mr.A.Vivek Joe Bharath	<i>[Signature]</i>
15HSS01	Science of Creativity and Professional Ethics	1	Mr.P.Babu	<i>P.B.</i>
15CH36	Organic Chemistry Lab	2	Dr.E.P.Subramanian/ Ms.P.Rupa/ Dr.K.V.Hemalatha/ Dr.S.Sugapriya	<i>[Signature]</i>
15CH37	Electrical Engineering Lab	1	Dr.R.Rajalakshmi	<i>[Signature]</i>
B.Tech - Chemical Engineering – Fifth Semester				
15CH51	Instrumental Methods of Chemical Analysis	3	Dr.R.Azarudeen	<i>[Signature]</i>
15CH52	Chemical Reaction Engineering	3	Dr.A.Gnanaprakasam	<i>[Signature]</i>
15CH53	Heat Transfer	3	Mr.E.Sudalai Manikandan	<i>[Signature]</i>
15CH54	Mass Transfer – I	3	Dr.T.Sivakumar	<i>[Signature]</i>
Elective I	15CHPE05 Food Technology	3	Ms. R.Aishwarya	<i>[Signature]</i>
	15CHE19 Pulp and Paper Technology	3	Mr.P.Babu	<i>P.B.</i>
Elective II	15CHPE07 Energy Technology	3	Dr. C.P. Yoganand	<i>[Signature]</i>
	15CHE12 Petrochemicals Technology	3	Ms.Nisha Subash	<i>[Signature]</i>
Fast Track	15CHE19 Pulp and Paper Technology		Mr.P.Babu	<i>P.B.</i>
	15CHE10 Energy Management in Chemical Industries	3	Mr.P.Sivakumar	<i>[Signature]</i>
15CH55	Technical and Instrumental Analysis Laboratory	2	Dr. R. Azarudeen/ Mr. A.Vivek Joe Bharath/ Ms.B. Umamaheswari	<i>[Signature]</i>
15CH56	Mechanical Operations Laboratory	2	Dr. D. Prabhakaran/ Mr. E.Sudalai Manikandan Ms.R.Aishwarya	<i>[Signature]</i>
15CH67	Mini Project	--	All Faculty	---
B.Tech - Chemical Engineering Seventh Semester				
15CH71	Transport Phenomena	3	Dr. M. Thirumarimurugan/ Dr.T.Sivakumar	<i>[Signature]</i>
15CH72	Process Economics and Industrial Management	3	Dr. D. Prabhakaran	<i>[Signature]</i>

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15CH73	Process Modeling & Simulation	3	Mr.A.Vivek Joe Bharth	<i>A. Vivek</i>
15CH74	Chemical Process Plant Safety	3	Ms.Nisha Subash	<i>Nisha</i>
15CH75	Total Quality Management	3	Mr.P.Sivakumar	<i>P. Siv.</i>
Fast Track	15CHE10 Energy Management in Chemical Industries	3	Mr.P.Sivakumar	<i>P. Siv.</i>
15CH76	Mass Transfer Laboratory	2	Dr.T.Sivakumar/ Mr.P.Sivakumar/ Ms. Nisha Subash	<i>Nisha</i>
15CH77	Process Control & Simulation Laboratory	2	Dr.V.M.Sivakumar/ Mr.P.Babu/ Dr.A.Gnanaprakasam	<i>P. B.</i>
15CH81	Project Work and Viva-Voce	--	All Faculty	<i>--</i>

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15/2/2020
Signature of Auditor

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COIMBATORE INSTITUTE OF TECHNOLOGY
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DEPARTMENT OF CHEMICAL ENGINEERING

Remarks

Department	Chemical Engineering
Programme	B.Tech. P, @, V, VII
Strength	
S.No.	
1.	Chemical engg - maintenance of records is good,
Weakness	
S.No.	
1.	CAT - Only one CAT is being conducted.
2.	In certain labs, infrastructure to be improved to accommodate more strength of students especially in chemistry.
3.	In some labs, students are using the same kind for multiple batch of students in the same session. So students wait till other batch complete.
Issue Require Improvement	
S.No.	
1.	Mechanical Engg - Engg. graphics - Maintenance of records.
2.	Rubrics to be followed in English Language Lab.

[Signature]
15/2/2020
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CORRESPONDENT

Thiru S. RAJIV RANGASAMI M.Sc., MBA (USA)

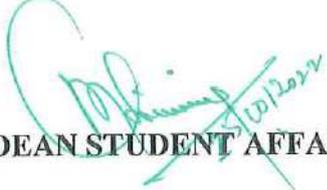
PRINCIPAL

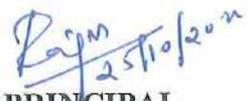
Dr. A. RAJESWARI M.E., Ph.D.,

25.10.2022

CIRCULAR

A two week Student Induction Program (SIP) has been organized for the first year B.E/B.Tech students admitted during the academic year 2022-23 from 26th October 2022 to 08th November 2022. The Induction Program starts with an Orientation Program on the first day (26.10.2022). All the Deans, Head of the departments, faculty members and technical staff are invited to attend the Induction Program. The program agenda is enclosed.


DEAN STUDENT AFFAIRS


PRINCIPAL





COIMBATORE INSTITUTE OF TECHNOLOGY

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Coimbatore – 641 014

FIRST YEAR STUDENT INDUCTION PROGRAM – 2022 BATCH

SCHEDULE

M1: Civil, Mechanical and Chemical Engineering – Main Building Conference Hall

M2: EEE and ECE – Library Conference Hall

M3: Computer Science and Engineering, Information Technology, Artificial Intelligence and Data Science - Auditorium

Date / Time	9:30 AM -10:15 AM	10:15 AM -11 :00 AM	11:15 AM-12:30PM	1:30PM -3:00PM	3:00PM -4:00PM	4:00PM -5:00PM
Day 1 (26.10.22) Wednesday			Address by Chief Guest Mr. R.S Gopalan, IAS Commissioner and Secretary General Administration Department, Odisha (CIT Alumnus – 1989 Batch)	Address by HoDs of ECE , Civil, Mechanical, EEE , Chemical Engineering, Computer Science and Engineering, Information Technology, Artificial Intelligence and Data Science, Mathematics, Physics, Chemistry, Humanities Departments		
Day 2 (27.10.22) Thursday		Yoga (Common)		Introduction to club activities (NSS,RSP,YRC, SPORTS)	Introduction Sports	Club Activity (Dramatix Club)



Day 3 (28.10.22) Friday	“Motivational Talk” Mr.Sudhakar IPS, INSPECTOR GENERAL, Police Department (Common)	Library (M1), COE (M3), Physical Ed. (M2)	College Tour (Library, Canteen, Stores , Xerox, Bank)**		
Day 4 (29.10.22) Saturday	Mr. Gani Riyasudeen Cyber Security Consultant Researcher (Common)	COE (M2), Placement (M1) Physical Ed. (M3)	M1 : Dr.B.Selvaraj, Government Arts College, CBE	Club Activity (RSP)	Feedback / Sports
			M2:		
			M3:		
(30.10.22) Sunday					
Day 5 (31.10.22) Monday	Mr. Rajendran, Founder, Benevolence International Public School (Common)	Library (M2), Placement (M3) Physical Ed. (M1)	M1 : Col Jacob G Podipara, Associate Professor “Career Opportunities in Military & Allied Services”	Club Activities (NSS)	Sports
			M2 :Ms.R.Devilakshmi, Head, Manavalakalai Mandram, Peelamedu		
			M3:		
Day 6 (01.11.22) Tuesday	Mrs. R. Sasiprabha Founder, Chairman - Manas Foundation Director - SIRPI Coimbatore Self Discipline 1 (Common)	Library (M3), COE (M1), Placement (M2)	M1:	Club Activities (Muthamizh mandram)	Sports
			M2: Col Jacob G Podipara, Associate Professor “Career Opportunities in Military & Allied Services”		
			M3:Mr. ArunKumar Inspector - Cyber Cell Division		



Day 7 (02.11.22) Wednesday	“Career Opportunities and Challenges” Mr. Jayaprakash Gandhi (Common)	Test for students who have scored less than 80% in English. (M1,M2,M3)	M1: Dr. N. Abirami Homoeopathic Physician Abi Homoeo Clinic Coimbatore-14	Club Activities (YRC)	Sports
			M2 :		
			M3 : Col Jacob G Podipara, Associate Professor “Career Opportunities in Military & Allied Services”		
Day 8 (03.11.22) Thursday	Mr.Nandakumar IRS, Additional Commissioner of Income Tax (Common)	Students to present video presentation / speech / essay for given theme (M1, M2,M3)	M1 :	Club Activities (Film Club)	Sports
			M2 : Opportunities after Engineering through GATE/ESE/PSU Mr.Pappa Ramesh, Senior Faculty , ACE Engineering Academy		
			M3 :Talk by Mr.Pradeep from Sony Audio, India		
Day 9 (04.11.22) Friday	Dr.G.S. Sameeran I.A.S District Collector Coimbatore (Common)	Placement Psychometric Test (M1, M2,M3)	M1-Talk by expert from IOCL (Coordination Civil Dept)	Club Activities (Photography club)	Sports
			M2 :Art of Concentration (Shri.Prabath Ranjan Soda, Amrita University)		
			M3 :Safe use of Internet-Cybersecurity M		



Day 10 (05.11.22) Saturday	Department	Department	Department	Feedback	Sports
(06.11.22) Sunday					
Day 11 07.11.2022 Monday	Department	Department	Department	Club Activity (Literary Club)	Sports
Day 12 08.11.2022 (Tuesday)	Mr. Osai Kalidass (Common)	VALEDICTORY	Club Activities (Music Club)		

College Tour (Library, Canteen, Stores, Xerox, Bank)

	T1 (01:30 – 02:00)	T2 (02:00 – 02:30)	T3 (02:30 – 03:00)
Physics lab	M1	M3	M2
Chemistry lab	M2	M1	M3
Workshop, Library	M3	M2	M1

	T4 (03:00 – 03:30)	T5 (03:30 – 04:00)	T6 (04:00 – 04:30)
Canteen,	M1	M3	M2
Bank, Stores	M2	M1	M3
Xerox,	M3	M2	M1



Osai Kalidass
25/10/2022

Rajm
25/10/2022
PRINCIPAL
COIMBATORE INSTITUTE OF TECHNOLOGY
COIMBATORE - 641 014.



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M2: EEE and ECE – Auditorium

M3: Computer Science and Engineering, Information Technology, Artificial Intelligence and Data Science -Library Conference Hall

Date / Time	9.30 AM --11.00 AM	11:20 AM-12:30 PM	2 PM -3:20 PM	3:35 PM -4:30PM	5:00PM -6:00PM
Day 1 (23.08.23) Wednesday		Address by Correspondent, Secretary, Advisor, Principal, Administrative Officer	Address by HoDs of Civil, Mechanical, EEE , ECE , Chemical Engineering, Computer Science and Engineering, Information Technology, Artificial Intelligence and Data Science, Mathematics, Physics, Chemistry, Humanities Departments	Video presentation by Individual departments	
Day 2 (24.08.23) Thursday	Devi Head, Peelemedu Manavalakalai Mandram “Emotional Intelligence”	Dr. P. Pramod, Senior Principal Scientist, Salim Ali Centre for Ornithology and Natural History “”	College Tour (Library, Canteen, Stores , Xerox, Bank)**		

Day 3 (25.08.23) Friday	Assistant Commissioner of Coimbatore “Anti Drugs”	Joshua Director FOXCONN	Dr. Abirami Ganeshamoorthy Homeopathy “Healthy Diet”	Dr.Balakrishnan GeneralManager - GE Electrical USA “ How to Control Mind”	Sports/Yoga
Day 4 (26.08.23) Saturday	Mr.Senthil Kumar Director ARAM IAS Academy	Annadurai karuppiah Vice President-HR Pricol Limited Coimbatore, Tamil Nadu, India Industrial Connect	Dr.Mylsamy Ramakrishna Mission Vidhyalaya	Dr.Revathi Head, Department of Management Studies Kongunadu arts and science	Sports/Yoga
(30.10.22) Sunday					
Day 5 (28.08.23) Monday	S.Siva Kumar, Association Head, School of Foundation Sciences, Kumaraguru College of Technology, Coimbatore “Self Drive “	Dr.Sankaraman Professor in Tamil SSM College ofArts& Science, Namakkal “Tamil Heritage”	M1 : Library M2 : Admission - Office M3: Physical Education	Mrs.Srelekha All Women Police Station East Coimbatore city “Women Empowerment”	Sports/Yoga
Day 6 (29.08.23) Tuesday	ONAM HOLIDAY				
Day 7 (30.08.23) Wednesday	Dr Kadirvelu, Senior Scientist, Director DRDO Industry Academia center of Excellence BU, Bharathiar University, “Strategic R&D in Nation building”	Manosakthi Dr.N.Masilamani M.D. Zenith Medical Equipments, Coimbatore “All Power is Within You”	M1 : Physical Education M2 : Library M3 : Admission Office	Ms.Jothimani , PSG CAS	Sports/Yoga

Day 8 (31.08.23) Thursday	Dr. Subhahsani HoD, Dept. of computer Applications, SSM College of Arts & Science, Namakkal “Students Benefits by Government”	Dr.Sudha Selvaraj “Mental Health”	M1 : Admission Office	Club Activities (YRC & Swach Bharath Club)	Sports/Yoga
			M2 : Physical Education		
			M3 : Library		
Day 9 (01.09.23) Friday	Department	Department	Cyber security ‘ online’ Dr.Anand IIT - Information Sharing and Analysis Center *Online		Sports/Yoga
Day 10 (02.09.23) Saturday	Department	Department	Department	Feedback	Sports/Yoga
(06.11.22) Sunday					
Day 11 04.09.23 Monday	G. Prasanna , Scientist(Rtd.) Vikram Sarabhai Space Centre, Indian Space Research Organisation	Department	Department	Department	Sports/Yoga
Day 12 05.09.23 (Tuesday)	Devi Head, Peelemedu Manavalakalai Mandram “Emotional Intelligence”	VALEDICTORY	Club Activities (Music Club & Dramatix Club)		

EXTERNAL AUDIT-REPORT

Details of External Auditor:

Dr.S.J.Thiruvengadam

Professor & Dean (Academics)

Thiyagarajar College of Engineering

Madurai – 625 015

General Comments by the Auditor:

- *Number of characters in subject code should be uniform.*
 - *Teaching – Learning process and outcome measurements are to be automated.*
 - *Faculty-Student ratio should be maintained at atleast 1:20*
 - *Faculty retention is to be improved*
 - *Number of research scholars (Ph.D) is very less.*
 - *Funded Projects are almost null.*
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EXTERNAL AUDIT-REPORT

Parameters	Comments of the Auditor
○ Internal Test	<i>Internal Tests are conducted as per the schedule given in the college</i>
○ Assignments	<i>Assignments are given in the different forms from the last academic year</i>
○ Correction and Guidance to Students by Faculty Members	<i>Very Good</i>
○ Lesson Plans and Curriculum Delivery Methods	<i>Very Good</i>
○ Awareness and adherence to Policy	<i>Good</i>
○ Any innovative development of educational methodology / work towards Evaluation improved and effective curriculum delivery and Evaluation Techniques	<i>NIL</i>
○ List of non-conformities with University Policy and Unacceptable deficiency Standards	<i>NIL</i>
○ Any specific instances of Excellence	<i>Tutor- Ward System is in excellent manner</i>
○ Any Specific recommendations on Faculty Development	<ul style="list-style-type: none"> • <i>Course Outcomes and Programme Outcomes can be measured as per guidelines of NBA.</i> • <i>Registration of NPTEL should be improved</i>