MANDATORY DISCLOSURE as on 01.03.2024

10.1	**AICTE File No.**	F. No. Southern/1-9318036969/2021/EOA
	Date & Period of last approval	Date: June-2023 Period:2022-2023
10.2	**Name of the Institution**	JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
	Address of the Institution	PICHANUR,COIMBATORE
	City & Pin Code	COIMBATORE,641 105
	State/UT	TAMILNADU
	Longitude & Latitude	77 DEGREE E and 11 DEGREE N
	Phone Number with STD Code	0422-2636900,0422-2636902
	Fax Number with STD Code	0422-2636901
	Office hours at the Institution	8.30A.M-5.30P.M
	Academic hours at the Institution	9.00A.M-5.00P.M
	E-mail	info@jct.ac.in
	Website	www.jct.ac.in
	Nearest Railway Station (Distance in KM)	COIMBATORE(08)
	Nearest Airport (distance in KM)	COIMBATORE(34)
10.3	**Type of Institution**	Private-Self Financed
	Category(1) of the Institution	Non Minority
	Category(2)of the Institution	Co-Ed
10.4	**Name of the organization running the Institution**	SHRI JAGANNATH EDUCATIONAL HEALTH AND CHARITABLE TRUST
	Type of the organization	Trust
	Address of the organization	Pichanur
	Registered with	Sub Registrar, Anna Nagar, Chennai
	Registration date	10.10.2008
	Website of the organization	www.jct.ac.in
10.5	**Name of the affiliating University/Board**	ANNAUNIVERSITYCHENNAI
	Address	Guindy, Chennai–600025
	Website	www.annauniv.edu
	Latest affiliation period	2023-2024

10.6	**Name of Principal/ Director**	Dr.S.Manoharan
	Exact Designation	Principal
	Phone number with STD code	0422-2636900
	FAX Number with STD code	0422-2636901
	e-mail	principal@jct.ac.in
	Highest Degree	Ph.D.
	Field of specialization	Electrical Machines

10.7	**Governing Body Members**	**Present Designation**	**Address**
1	Chairman	Mr. R. Arul Selvan Chairman. Jagannath Charitable Trust, Chennai.	PLOTNo-36,4th drive,Reverd,Seacliff Conclave,VGPGoldenBeachSouth Layout,Akkarai,Sholinganallur, Chennai-600119.
2	Member1fromTrust Nominee	Mr. R. Gautaman Trustee, Jagannath CharitableTrust, Chennai,	C/O.S.Prabu,4/130T, Arasu Nagar, PCPatty, Theni-Dt-625531.
3	Member 3 fromTrust Nominee	Mr. R. Durga Shankar Secretary, JagannathCharitable Trust, Chennai	No65/A, DefenseColony, Guindy– Chennai-600032.
4	Member 4 fromTrust Nominee	Dr.P.Perumalsamy, Former Hon'ble Member, Tamilnadu Public Service Commission	No65/A, DefenseColony, Guindy– Chennai-600032.
5.	Member 5 fromTrust Nominee	Dr.M.Ananthasubramanian Professor, Dept of Biotechnology P.S.G Coimbatore	No65/A, Defense Colony Guindy– Chennai-600032.
6	Member 6 fromTrust Nominee	Mr. C. Suresh Kumar Chartered Accountant, Chennai	Chartered Accountant Chennai.

7	Member 7 from Trust Nominee	Prof. R. Mahadevan Advisor JCT Group of Institutions	99, Bharathidasan Salai, Cantonment-Tiruchirapalli-620001
8	Member 8 from Trust Nominee	Dr. S. K. Patnaik, Ph.D., Professor, Department of Electrical and Electronics, Engineering, CEG Campus, Anna University, Chennai	Director (Technical), ACT Group of Educational Institutions, Chennai.
9	State Government Nominee	Dr.J. Jayanthi	Department of Civil Engineering, Govt. College of Technology, Coimbatore–641013
10	Principal of theConcerned institution	Dr. S. Manoharan	No.34,B-1,MuruganNagar,M.K.Palayam,Uppilipalayam(po), Coimbatore-641015
11	Faculty member1 from the institution at Professor level	Dr.V.Jethose Director – Training and Placement Head of the Department -AIDS	17/200a Balaji illam Sarathambal Nagar istCrossStreet-Coimbatore -641659
12	Faculty member 2 from the institution at Professor level	Dr. K. Geetha Dean Academics Head of the Department -EEE JCTCET	2/440e, Teachers Colony, Chinniyampalayam-Coimbatore-641062
		Frequency of Meetings Date of last meeting	**Twice in a year**

Organizational Chart

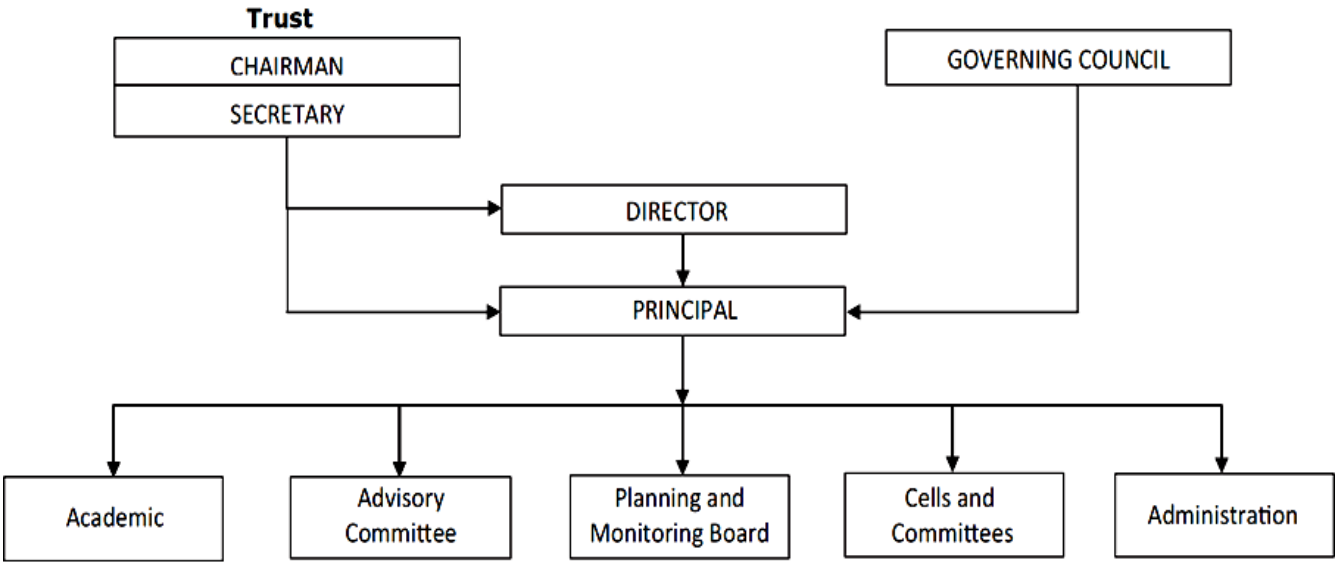


Chart - 1 : **Essential Component of JCTCET**

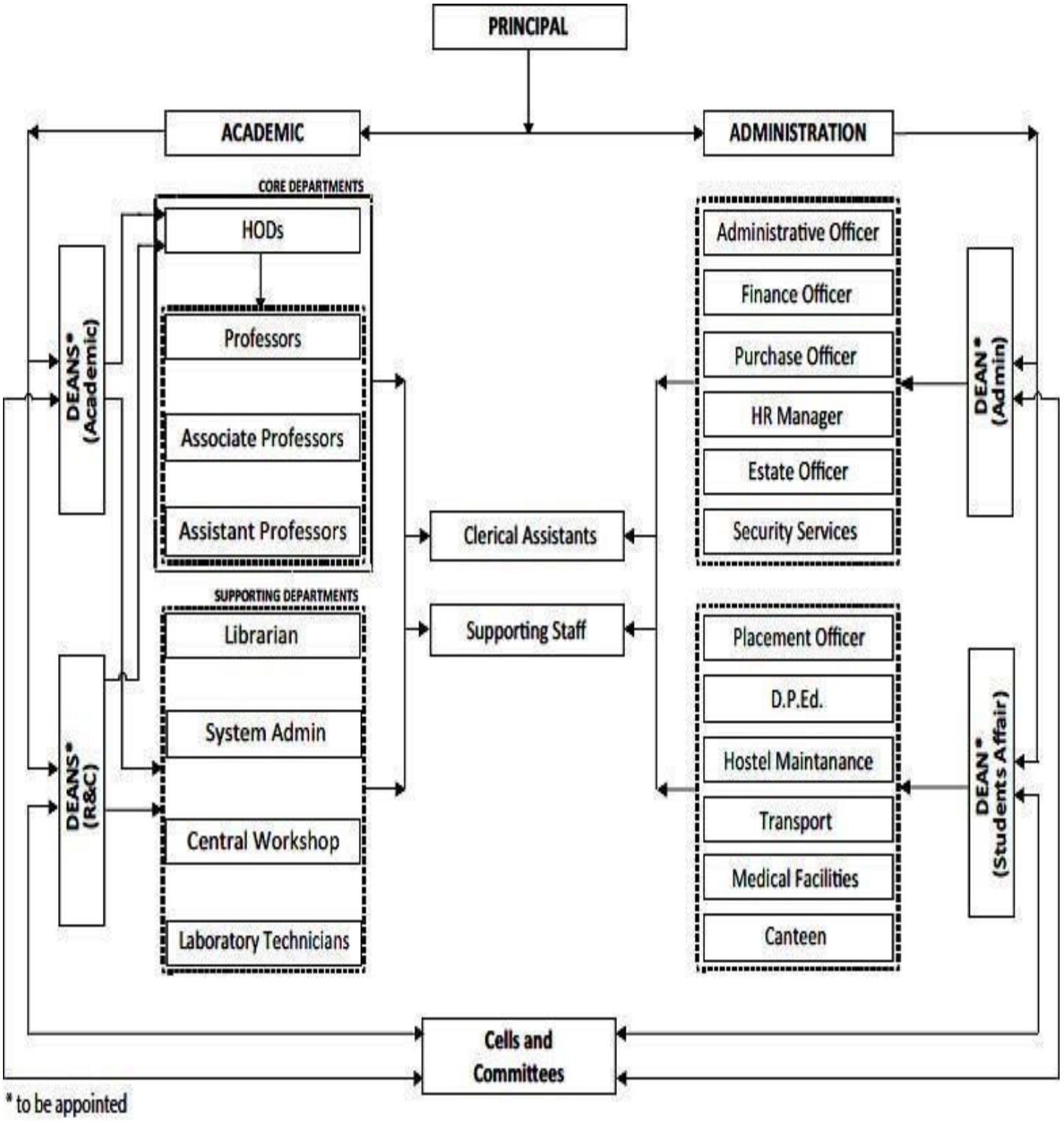


Chart - 2 : Executive Component of JCTCET

Name of Programmes approved by AICTE: Under Graduate Courses

1) Civil Engineering
2) Computer Science and Engineering
3) Computer Science and Business Systems
4) Electronics and Communication Engineering
5) Electrical and Electronics Engineering
6) Food Technology
7) Mechanical Engineering
8) Petrochemical technology
9) Petroleum Engineering
10) Biotechnology and Bio chemical Engineering
11) Artificial Intelligence and Data Structure

Post Graduate Courses:

1) Engineering design
2) Power Electronics and drives
3) Structural engineering
4) VLSI and Embedded System

Name of Programmes Accredited by AICTE: **Under Graduate Courses**

1) Computer Science and Engineering
2) Electrical and Electronics Engineering
3) Mechanical Engineering
4) Petrochemical technology

- **Status of Accreditation of the Courses :**
  - **Total number of Courses :UG–12, PG-4**
  - **No. of Courses for which applied for Accreditation: UG– 4, PG-0**
  - **Status of Accreditation approved for Courses :**

    NBA Accredited for the following four departments

    - Computer Science and Engineering
    - Electrical and Electronics Engineering
    - Mechanical Engineering
    - Petrochemical technology

NBA ACCREDITATION STATUS		
1	Name/List of Programmes / Courses Accredited	1.B.E Computer Science and Engineering 2.B.E Electrical and Electronics Engineering 3.B.E Mechanical Engineering 4.B.E Petrochemical technology **Duration: 01/07/2018 to 30/06/2025**
2	Applied for Accreditation	NIL
	Applied but visit not happened	
	B. Visit happened but result awaited	
3.	List of Eligible Programmes / Courses Not Applied	1.B.E Civil Engineering 2.B.E Electronics and Communication Engineering 3.B. Tech Food Technology 4.B. Tech Petroleum Engineering

NAACACCREDITATIONSTATUS		
1	ACCREDIATED	**A Grade** **Duration: 15/02/2021 to14-02-2026**
2	Applied for Accreditation	-
	A. Applied but Visit not happened	-
	B. Visit happened but result awaited	-
3	Not Applied	-

Name of the Department	**ARTIFICIAL INTELLIGENCE AND DATA SCIENCE**					
Course	**B.TECH**					
Level	**UG**					
Duration	**Four Years**					
1st year of approval by the Council	2021					
Year wise sanctioned intake	**2023-2024**	**2022-2023**	**2021-2022**	**2020-2021**	**2019-2020**	**2018-2019**
	90	90	60	-	-	-
Year wise actual admission	89	78	60	-	-	-
Cut-off marks–General Quota	173	170	168	-	-	-
%Students passed with First Class		-	-		-	-
Students placed		-	-	-	-	-
Average pay package Rs.in Lakhs/year		-	-	-	-	-
Students opted for Higher studies		-	-	-	-	-
Accreditation Status of the course	NAAC					
Entrance Test/Admission Criteria	No Entrance Test, Single Window Counselling following communal Reservation. Merit based on cut off marks obtained in Mathematic (100)+Physics (50)+Chemistry(50)in Higher Secondary Examination					
Admission Quota	Government Quota			Management Quota		
Fee in Rupees	75,000			1,25,000		
Number of fee waives offered	**NA**					
Doctoral Courses	Nil					
Foreign Collaborations ,if any	Nil					
Professional Society Memberships	Nil					
Professional activities	-					
Consultancy activities	-					
Grants fetched	-					
Departmental Achievements	-					
Distinguished alumni	-					

Name of the Department	**BIOTECHNOLOGY AND BIOCHEMICAL ENGINEERING**					
Course	**B.TECH**					
Level	**UG**					
Duration	**Four Years**					
1st yearofapprovalby the Council	2020					
Year wise sanctioned intake	**2023-2024**	**2022-2023**	**2021-2022**	**2020-2021**	**2019-2020**	**2018-2019**
	60	60	60	60	-	-
Year wise actual admission	59	32	47	11	-	-
Cut-off marks–General Quota	124	121	120	120	-	-
% Students passed with First Class				35%		-
Students placed			-	-	-	-
Average pay package Rs.in Lakhs/year			-	-	-	-
Students opted for Higher studies			-	-	-	-
Accreditation Status of the course	NAAC					
Entrance Test / Admission Criteria	No Entrance Test, Single Window Counselling following communal Reservation. Merit based on cutoff marks obtained inMathematics (100)+Physics (50)+Chemistry(50)in Higher Secondary Examination					
Admission Quota	Government Quota			Management Quota		
Feein Rupees	75,000			1,25,000		
Number of fee waives offered	**NA**					
Doctoral Courses	No					
Foreign Collaborations ,if any	Nil					
Professional Society Memberships	Nil					
Professional activities	Nil					
Consultancy activities	Nil					
Grants fetched	Nil					
Departmental Achievements	Nil					
Distinguished alumni	Nil					

Name of the Department	**Civil Engineering**				
Course	**B.E. Civil Engineering**				
Level	**UG**				
Duration	**Four Years**				
1st year of approval by the Council	2009				
Year wise sanctioned intake	**2023-2024**	**2022-2023**	**2021-2022**	**2020-2021**	**2019-2020**
	30	30	60	60	60
Year wise actual admission	11	14	14	7	16
Cut-off marks– General Quota	100	115	119	120	121
% Students passed with First Class				20%	18%
Students placed	2	5	4	3	2
Average pay package Rs. in Lakhs /year					
Students opted for Higher studies	1				
Accreditation Status of the course	NAAC				
Entrance Test/ Admission Criteria	No Entrance Test, Single Window Counseling following communal reservation. Merit based on cut off marks obtained in Mathematics (100) + Physics (50) + Chemistry (50) in Higher Secondary Examination				
Admission Quota	Government Quota		Management Quota		
Fee in Rupees	50000		85000		
Number of fee waives offered	**NA**				
Doctoral Courses	No				
Foreign Collaborations, if any	Nil				
Professional Society Memberships	ICI, MTRES				
Professional activities	Planned				
Consultancy activities	2017-18	2016-17	2015-16		
	2,13,100	2,44,700	1,60,500		
Grants fetched	NA				
Departmental Achievements	2 UNIVERSITY RANKS (Jeyashree - 13 Thrash K Suresh- 30th) Teaching Awards in Engineering - Staffordshire university				
Distinguished alumnini	Rajesh Kannan				

Name of the Department	**COMPUTER SCIENCE AND BUSINESS SYSTEMS**					
Course	**B.TECH**					
Level	**UG**					
Duration	**Four Years**					
1st year of approval by the Council	2020					
Year wise sanctioned intake	**2023-2024**	**2022-2023**	**2021-2022**	**2020-2021**	**2019-2020**	**2018-2019**
	60	60	60	60	-	-
Year wise actual admission	59	49	60	11	-	-
Cut-off marks–General Quota	146	150	145	120	-	-
% Students passed with First Class			-	60%	-	-
Students placed			-	-	-	-
Average pay package Rs.in Lakhs / year			-	-	-	-
Students opted for Higher studies			-	-	-	-
Accreditation Status of the course	NAAC					
Entrance Test / Admission Criteria	No Entrance Test, Single Window Counselling following communal Reservation. Merit based on cutoff mark's obtained in Mathematics (100)+Physics (50)+Chemistry(50)in Higher Secondary Examination.					
Admission Quota	Government Quota			Management Quota		
Fee in Rupees	75,000			1,25,000		
Number of fee waive s offered	**NA**					
Doctoral Courses	No					
Foreign Collaborations , if any	Nil					
Professional Society Memberships	Nil					
Professional activities	Nil					
Consultancy activities	Nil					
Grants fetched	Nil					
Departmental Achievements	Nil					
Distinguished alumni	Nil					

Name of the Department	**Computer Science and Engineering**					
Course	**B.E. Computer Science and Engineering**					
Level	**UG**					
Duration	**Four Years**					
1st year of approval by the Council	**2009**					
Year wise sanctioned intake	**2023-2024**	**2022-2023**	**2021-2022**	**2020-2021**	**2019-2020**	**2018-2019**
	120	120	120	120	120	60
Year wise actual admission	111	108	120	57	58	49
Cut-offmarks–General Quota	128	124	172.25	169.74	182.5	178.5
% Students passed with First Class			---	80%	84%	86%
	25	28	30	40	26	15
Average pay package Rs.in Lakhs / year				4.5L	4L	3.5L
Students opted for Higher studies				02	03	03
Accreditation Status of the course	NAAC,NBA					
Entrance Test / Admission Criteria	No Entrance Test, Single Window Counselling following communal reservation.Merit based oncut off marks obtained in Mathematics (100)+Physics(50)+ Chemistry(50)in Higher SecondaryExamination					
Admission Quota	Government Quota			Management Quota		
Fee in Rupees	50000			85000		
Number of fee waive s offered	**NA**					
Doctoral Courses	No					
ForeignCollaborations,ifany	Nil					
Professional Society Memberships	IAENG, MISTE,IEEE					
Professional activities	Computer Society of India-CSI					
Consultancy activities	Consultancy done for 3 start up companies with the total budgetofRs.4.5L					
Grants fetched	400000					
Departmental Achievements	Conducted FDP, International and National Seminarsand webinars Conducted FDP, workshops for Faculty members of variouscollege Conducted Alumni Meet					
Distinguished alumni	Kaviya.D, Deepthi.V ,Mohammed Jishad.E.P					

Name of the Department	**ELECTRONICS AND COMMUNICATION ENGINEEERING**				
Course	**B.E**				
Level	**UG**				
Duration	**Four Years**				
1styearof approval by the Council	**2009**				
Year wise sanctioned in take	**2023-2024**	**2022-2023**	**2021-2022**	**2020-2021**	**2019-2020**
	60	60	60	30	60
Year wise actual admission	55	37	30	9	9
Cut-off marks– General Quota	160	155	145	147	165
% Students passed with First Class	-	-	95%	90%	88.88%
Students placed	-	-	-	-	5
Average pay package Rs.in Lakhs / year	-	-	-	-	2.8
Students opted for Higher studies	-	-	-	-	-
Accreditation Status of the course	NAAC				
Entrance Test/ Admission Criteria	No Entrance Test, Single Window Counselling following communal Reservation. Merit based on cut off marks obtained in Mathematics (100) + Physics (50) + Chemistry (50) in Higher Secondary Examination				
Admission Quota	Government Quota	Management Quota			
Fee in Rupees	50000	85000			
Number of fees waive s offered	**NA**				
Doctoral Courses	No				
Foreign Collaborations, if any	Nil				
Professional Society Memberships	IAENG,ISTE,IETE				
Professional activities	IETE				
Consultancy activities	Nil				
Grants fetched	Nil				
Departmental Achievements	Nil				
Distinguished alumni					

Name of the Department	**Electrical and Electronics Engineering**				
Course	**B.E** Electrical and Electronics Engineering				
Level	**UG**				
Duration	**Four Years**				
1st yea rof approval by the Council	2010				
Yea rwise sanctioned intake	**2023-2024**	**2022-2023**	**2021-2022**	**2020-2021**	**2019-2020**
	60	60	60	60	60
Year wise actual admission	36	19	47	11	42
Cut-off marks–General Quota	149	150	146	161	154
% Students passed with First Class			86%	83%	85%
Students placed	1	8	NIL	18	23
Average pay package Rs.in Lakhs / year			NIL	3.00L	2.50L
Students opted for Higher studies			NIL	01	02
Accreditation Status of the course	NAAC,NBA				
Entrance Test / Admission Criteria	No Entrance Test, Single Window Counseling following communal reservation. Merit based on cut off marks obtained in Mathematics(100)+ Physics(50) +Chemistry(50)in Higher Secondary Examination				
Admission Quota	Government Quota	Management Quota			
Fee in Rupees	50000	85000			
Number of fee waive s offered	**NA**				
Doctoral Courses	No				
Foreign Collaborations, if any	Nil				
Professional Society Memberships	IAENG,SDIWC,IRED,IASTER,MISTE,IEEE				
Professional activities	Planned				
Consultancy activities	Energy Audit- Vanitha Engineering, Coimbatore Designing of Solar Air Purifier-SRS Solar Systems Coimbatore				
Grants fetched	TNSCST-SPS				
Departmental Achievements	APPRECIATION CERTICATEFROMIGEN				
Distinguished alumni	Nil				

Name of the Department	**FOOD TECHNOLOGY**					
Course	**B.TECH**					
Level	**UG**					
Duration	**Four Years**					
1st yea rof approval by the Council	2014					
Yea rwise sanctioned intake	**2023-2024**	**2022-2023**	**2021-2022**	**2020-2021**	**2019-2020**	**2018-2019**
	60	60	60	60	60	60
Year wise actual admission	55	60	53	49	45	54
Cut-offmarks–General Quota	138	125	124	137.50	177	187
% Students passed with First Class	20%	15%	35%	95%	75.87%	79.9%
Students placed	25	24	23	24	29	14
Average pay package Rs.in Lakhs / year				2.5	2.3	2.0
Students opted for Higher studies	2	1	4	4	4	3
Accreditation Status of the course	NAAC					
Entrance Test / Admission Criteria	No Entrance Test, Single Window Counselling following communal Reservation. Merit based on cutoff marks obtained in Mathematics (100)+Physics(50)+Chemistry(50)in Higher Secondary Examination					
Admission Quota	Government Quota			Management Quota		
Fee in Rupees	75,000			1,25,000		
Number of fee waive s offered	**NA**					
Doctoral Courses	No					
Foreign Collaborations , if any	Nil					
Professional Society Memberships	IIChE, ISTE					
Professional activities	Planned					
Consultancy activities	4					
Grants fetched	-					
Departmental Achievements						
Distinguished alumni						

Course	**B.E. Mechanical Engineering**				
Level	**UG**				
Duration	**Four Years**				
1st year of approval by the Council	2012				
Year wise sanctioned intake	**2023-2024**	**2022-2023**	**2021-2022**	**2020-2021**	**2019-2020**
	30	30	60	120	120
Year wise actual admission	30	26	27	62	52
Cut-off marks–General Quota	121	120	121	122	124
% Students passed with First Class				89%	90%
Students placed	5	10	15	17	20
Average pay package Rs.in Lakhs / year					
Students opted for Higher studies	-	1	2	2	4
Accreditation Status of the course	NBA/NAAC				
Entrance Test/ Admission Criteria	No Entrance Test, Single Window Counseling following communal Reservation. Merit based on cutoff mark so btained in Mathematics (100)+Physics(50)+Chemistry(50)in Higher Secondary Examination				
Admission Quota	Government Quota	Management Quota			
Fee in Rupees	50000	85000			
Number of fee waive s offered	**NA**				
Doctoral Courses	No				
Foreign Collaborations, if any	Nil				
Professional Society Memberships	IEEE				
Professional activities	IEEE Conference				
Consultancy activities	Speedo meter Design-Speeds park, Heat Exchanger Analysis-Universal Exchanger,Modeling & Estimation of Products-Sri Sai Automations, Sathiya Engineering, Avinash Engineering				
Grants fetched	NA				
Departmental Achievements	PG Student-Mr.Jomon Matheew, secured12th Rankin Anna University.				
Distinguished alumni	G.Nandha Kumar (2017), S.Anadha Raj (2018), A.Eswar(2019),P.Fawaz (2020)				

Name of the Department	**Petrochemical Technology**				
Course	**B.E**				
Level	**UG**				
Duration	**Four Years**				
1st year of approval by the Council	2012				
Year wise sanctioned intake	**2023-2024**	**2022-2023**	**2021-2022**	**2020-2021**	**2019-2020**
	60	60	60	120	120
Year wise actual admission	38	34	32	50	56
Cut-off marks–General Quota	185	170	174	131.5	132
% Students passed with First Class	-			96%	100%
Students placed	25	26	18	17	14
Average pay package Rs.in Lakhs / year	-				
Students opted for Higher studies	-				
Accreditation Status of the course	NBA/NAAC				
Entrance Test/ Admission Criteria	No Entrance Test, Single Window Counseling following communal Reservation. Merit based on cutoff mark sobtained inMathematics (100)+Physics(50)+Chemistry(50)in Higher Secondary Examination				
Admission Quota	Government Quota		Management Quota		
Fee in Rupees	50000		85000		
Number of fee waive s offered	**NA**				
Doctoral Courses	No				
Foreign Collaborations, If any	Nil				
Professional Society Memberships	2l				
Professional activities	Planned				
Consultancy activities	3				
Grants fetched	NA				
Departmental Achievements	Seminar, Guest Lecture, MOU				
Distinguished alumni					

Name of the Department	**PETROLEUM ENGINEERING**				
Course	**B.Tech**				
Level	**UG**				
Duration	**Four Years**				
1stYearof approval by the Council	2012				
Year wise sanctioned intake	**2023-2024**	**2022-2023**	**2021-2022**	**2020-2021**	**2019-2020**
	60	60	60	60	60
Year wise actual admission	40	22	34	20	54
Cut-off marks– General Quota	165	95.5	162	177.75	193.75
%Students passed with First Class			60	56	48
Students placed	Nil	7	10	15	7
Average pay package Rs.in Lakhs / year	-	2.5	2.2	2.8	2.5
Students opted for Higher studies	-	10	18	12	25
Accreditation Status of the course	NAAC				
Entrance Test/ Admission Criteria	No Entrance Test, Single WindowCounselling following communal Reservation. Merit based on cutoff mark so btained inMathematics (100) + Physics (50) + Chemistry(50) in HigherSecondary Examination				
Admission Quota	Government Quota		Management Quota		
Feein Rupees	50000		85000		
Number of fee waive s offered	**NA**				
Doctoral Courses	No				
Foreign Collaborations, if any	Nil				
Professional Society Memberships	Nil				
Professional activities	Planned				
Consultancy activities	3				
Grants fetched	NA				
Departmental Achievements	Webinars conducted 6				
Distinguished alumni	Yes				

Name of the Department	**Engineering Design**				
Course	**M.E**				
Level	**PG**				
Duration	**Two years**				
1st yearofapprovalbytheCouncil	2012				
Year wise sanctioned intake	**2023-2024**	**2022-2023**	**2021-2022**	**2020-2021**	**2019-2020**
	18	18	18	18	18
Year wise actual admission	1	1	5	5	2
Cut-off marks–General Quota	65	70	80	75	70
%Students passed with First Class			60%	80%	100%
Students placed	1	1	-	-	-
Average pay package Rs.in Lakhs/year		-	-	-	-
Students opted for Higher studies		-	-	-	-
Accreditation Status of the course	NAAC				
Entrance Test/Admission Criteria	GATE, TANCET				
Admission Quota	Government Quota		Management Quota		
Fee in Rupees	70000		70000		
Number of fee waives offered	**NA**				
Doctoral Courses	No				
Foreign Collaborations, if any	Nil				
Professional Society Memberships	NIL				
Professional Society Memberships	Nil				
Professional activities	In-Process				
Consultancy activities	Planned				
Grants fetched	NA				
Departmental Achievements					
Distinguished alumni	NA				

Name of the Department	**Power Electronics and Drives**				
Course	**M.E**				
Level	**PG**				
Duration	**Two Years**				
1st year of approval by the Council	2012				
Year wise sanctioned intake	**2023-2024**	**2022-2023**	**2021-2022**	**2020-2021**	**2019-2020**
	18	18	18	18	18
Year wise actual admission	1	1	5	2	2
Cut-off marks–General Quota	85	86	87	88	92
%Students passed with First Class	100%	100%	75%	100%	-
Students placed	1	3	2	3	-
Average pay package Rs.in Lakhs/year		2.4L			
Students opted for Higher studies		-	-	-	-
Accreditation Status of the course	NAAC				
Entrance Test/Admission Criteria	GATE, TANCET				
Admission Quota	Government Quota		Management Quota		
Fee in Rupees	70000		70000		
Number of fees waives offered	**NA**				
Doctoral Courses	No				
Foreign Collaborations, ifany	Nil				
Professional Society Memberships	IAENG, SDIWC,IRED, IASTER,MISTE,IEEE				
Professional activities	In-Process				
Consultancy activities	Planned				
Grants fetched	NA				
Departmental Achievements	M.S.Vidhya who secured gold medal in M.E Power Electronics and Drives				
Distinguished alumni	NA				

Name of the Department	**Structural Engineering**				
Course	**M.E**				
Level	**PG**				
Duration	**Two Years**				
1st yearofapprovalbytheCouncil	2013				
Year wise sanctioned intake	**2023-2024**	**2022-2023**	**2021-2022**	**2020-2021**	**2019-2020**
	9	18	18	18	18
Year wise actual admission	2	6	17	7	15
Cut-off marks–General Quota	84.6	80	86	89	90
%Students passed with First Class		87%	83%	89%	78%
Students placed	1	8	7	12	10
Average pay package Rs.in Lakhs / year		2.25L			
Students opted for Higher studies	-	-	-	-	-
Accreditation Status of the course	NAAC				
Entrance Test / Admission Criteria	GATE, TANCET				
Admission Quota	Government Quota		Management Quota		
Fee in Rupees	70000		70000		
Number of fees waive s offered	**NA**				
Doctoral Courses	No				
Foreign Collaborations, if any	Nil				
Professional Society Memberships	In process				
Professional activities	Planned				
Consultancy activities	NA				
Grants fetched	NA				
Departmental Achievements					
Distinguished alumni	NA				

Name of the Department	**VLSI and Embedded System**				
Course	**M.E**				
Level	**PG**				
Duration	**Two Years**				
1st year of approval by the Council	2013				
Year wise sanctioned intake	**2023-2024**	**2022-2023**	**2021-2022**	**2020-2021**	**2019-2020**
	9	9	9	9	18
Year wise actual admission	0	1	1	3	3
Cut-off marks– General Quota	85	84	84	83	82
% Students passed with First Class	-	100%	100%	100%	100%
Students placed	-	2	2	2	2
Average pay package Rs.in Lakhs / year	-	2.25L	-	-	-
Students opted for Higher studies	-	-	-	-	-
Accreditation Status of the course	NAAC				
Entrance Test / Admission Criteria	GATE,TANCET				
Admission Quota	Government Quota	Management Quota			
Fee in Rupees	70000	70000			
Number of fee waive s offered	**NA**				
Doctoral Courses	No				
Foreign Collaborations, if any	Nil				
Professional Society Memberships	In process				
Professional activities	Planned				
Consultancy activities	NA				
Grants fetched	NA				
Departmental Achievements					
Distinguished alumni					

INFRASTRUCTURE INFORMATION:

	No of rooms	**Total area Sq m^2**
Classroom facilities	38	2809.85
Tutorial Room	13	544.47

Name of the Department	**No. of Labs**	**Total Area Sq.m2**
Civil Engineering		605.41
Computer Science Engineering	08	563.4
Electronics and Communication Engineering	08+01	609.73
Electrical and Electronics Engineering	08	554.27
Food Technology	08	535.5
Mechanical	08+01	604.16
Petrochemical	08	543.59
Petroleum	08	547.28
Science and humanities	03	259.21

Library

Number of Library Books : 23,743Number of

Library Titles : 6672 Number of Library

Journals : 84

Online Journals: lEEE ,JGATE,DELNET, NPTEL

DEPARTMENT OF CIVIL ENGINEERING

S.NO	PARTICULARS	QTY	TOTAL COST (Rs)
	SURVEYING LABORATORY		
1.	Total Station	3	6,49,038
2.	Theodolites	6	71,478
3.	Dumpy level / Filling level	6	32,676
4.	Pocket stereoscope	1	570
5.	Ranging rods(set)	6	3876
6.	Leveling staff(set)	6	14316
7.	Cross staff(set)	6	4248
8.	Chains(set)	6	7296
9.	Tapes(set)	6	2870
10.	Arrows(set)	6	204
11.	Prismatic Compass	10	2614
12.	Surveyor Compass	2	2888
13.	Survey grade or Hand held GPS	3	37392

CONSTRUCTION MATERIALS LABORATORY			
1.	Compression testing machine	1	Rs. 50,000
2.	Sieve set (IS sieves 4.75 mm, 2.36 mm, 1.1.8 mm, 600 micron, 300 micron, 150 micron and 75 micron)	2	Rs. 10748.00
3.	Weighing Balance or scale (accuracy 0.5g)	1	**7700**
4.	Pycnometer	2	2000
5.	Tamping rod	3	1200
6.	Aggregate Crushing Value Apparatus	1	5418
7.	Aggregate Impact Value Apparatus	1	8670
8.	IS sieves 12.5 mm, 10 mm and 2.36 mm	2	10748.00
9.	Weighing Balance or scale (accuracy 1 g)	1	7700
10.	Length gauge	2	774
11.	Thickness gauge	2	774
12.	IS Sieves 40 mm,31.5 mm, 25 mm, 20mm, 16mm, 12.5 mm, 10mm, 6.3 mm	2	10748.00
13.	Slump cone apparatus	2	2408 3300
14.	Compaction factor apparatus	1	15663
15.	Concrete Cubes	6	11868
16.	Concrete Cylinders	6	20124
17.	Beam Mould	6	17802
18.	Concrete mixing machine	1	57880
19.	Oven	1	14000
20.	Shallow flat bottom dish	2	6525.68
21.	Trowels and Pans	1	325

CONSTRUCTION MATERIALS LABORATORY

STRENGTH OF MATERIALS LABORATORY			
1.	UTM of minimum 400 KN capacity	1	Rs. 3,00,000
2.	Torsion testing machine	1	1,05,000
3.	Izod impact testing machine	1	Rs. 65000
4.	Hardness testing machine-Rockwell	1	Rs. 1,00,000
5.	Hardness testing machine-Vickers/Brinell	1	Rs. 1,00,000
6.	Beam deflection test apparatus	1	Rs. 7500
7.	Extensometer	1	Rs. 16000
8.	Compressometer	1	Rs. 16000
9.	Dial gauges	1	840
10.	Le Chateliers apparatus	2	16,050
11.	Vicats apparatus	2	4816
12.	Mortar cube moulds	10	11868
13	Dial gauges	1	840

HYDRAULIC ENGINEERING LABORATORY			
1.	Rotometer	1	48500
2.	Venturimeter/Orifice meter	1	43500
3.	Bernoullis	1	31534
4.	Centrifugal Pump	1	47934
5.	Gear Pump	1	43770
6.	Submersible pump	1	76770
7.	Reciprocating Pump	1	41470
8.	Pelton Wheel turbine	1	127335
9.	Francis turbines / kaplon turbine	1	153800
10.	determination of Metacentric height of floating bodies	1	17300
11.	friction factor in pipes	1	41600
12	Mouth piece/Orifice setup	1	40200
13	minor losses	1	38955

SOIL MECHANICS LABORATORY			
1.	Sieves	2	10748.00
2.	Hydrometer	2	2890
3.	Liquid and plastic limit apparatus	2	5960 3432
4.	Shinkage limit apparatus	3	7995
5.	Proctor compaction apparatus	2	14268
6.	UTM of minimum of 20KN capacity	1	3,00,000
7.	Direct shear apparatus	1	59708
8.	Thermometer	2	2420
9.	Field density measuring device	2	5418
10.	Triaxial shear apparatus	1	131784
11.	Three gang consolidation test device	1	99657

ENVIRONMENTAL ENGINEERING LABORATORY			
1.	pH meter	2	4500
2.	Nephelometer	2	6000
3.	Conductivity meter	1	6500
4.	UV and Visible Spectrophotometer	1	95000
5.	Jar test apparatus	2	20000
6.	DO meter	2	9000
7.	BOD incubator	1	40000
8.	COD digester (with 6 heating mantle)	2	35000
9.	Imhoff cone	4	3500
10.	Sterilization chamber	1	20000
11.	Water bath	2	4500
12.	Hot air oven	1	12000
13.	Weighing machine(0.0001g)	1	48000
14.	China dish	6	50
15.	Weighing machine(0.001g)	1	12000
16.	Autoclave	1	8000
17.	Refrigerator	1	15500
18.	Muffle furnace	1	11000
19.	Bacteriological incubator	1	12000
20.	Nesslers tube 100 mL	20	150
21.	Burette 50mL with stand	15	450
22.	Burette 25mL with stand	3	430
23.	Pipette 10mL	15	40
24.	Pipette 5mL	10	40
25.	Pipette 2 mL	4	40
26.	Conical flask 10 mL	2	60
27.	Volumetric flask 250mL	5	150
28.	Volumetric flask1000mL	1	260
29.	Volumetric flask500mL	5	200
30.	Volumetric flask250mL	6	150
31.	Volumetric flask100mL	8	90
32.	Volumetric flask 50mL	6	70
33.	Compound microscope	1	3000
34.	Test tubes 20mL	200	15

35.	Beaker1000mL	3	200
36.	Beaker 500mL	6	90
37.	Beaker 100mL	20	30
38.	Measuring jar 1000mL	2	300
39.	Measuring jar 500mL	4	250
40.	Measuring jar 100mL	10	200
41.	Measuring jar 50mL	5	150
42.	Measuring jar 10mL	5	50

CONCRETE AND HIGHWAY ENGINEERING LABORATORY			
1	Concrete cube moulds	6	11868
2	Concrete cylinder moulds	3	20124
3	Concrete Prism moulds	3	17802
4	Sieves	1Set	131784.00
5	Concrete Mixer	1	57880
6	Slump cone	2	2408 ,3300
7	Trovels and planers	1Set	325
8	UTM – 400 kN capacity	1	Rs. 3,00,000
9	Vee Bee Consistometer	1	16050
10	Aggregate impact testing machine	1	8670
11	Blains Apparatus	1	3772
12	Los - Angeles abrasion testing machine	1	88804

ADVANCED STRUCTURAL ENGINEERING LABORATORY			
1	Loading Frame, Hydraulic Jack and Load Cell	1	58725
2	Proving Ring	1	25650
3	Demec Gauge	1	20775
4	Electrical Strain Gauge with indicator	1	120000
5	Rebound Hammer	1	30320
6	Ultrasonic Pulse Velocity Tester	1	353876
7	Dial Gauges	1	4190
8	Clinometer	1	1120
9	Vibration Exciter and Vibration Meter	1	36800
10	FFT Analyser	1	30400

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

(R 2017) Semester – II

CS8261 C PROGRAMMING LABORATORY

Requirements for a batch of 30 students

S.No.	Description of Equipment	Quantity required (R)	Quantity available (A)
1.	Systems with Linux Operating System with gnu compiler	30	60

(R 2017) Semester – III

CS8381 DATA STRUCTURES LABORATORY

Requirements for a batch of 30 students

S.No.	Description of Equipment	Quantity required (R)	Quantity available (A)
1.	Systems with Linux Operating System with gnu compiler	30	60

(R 2017) Semester – III

CS8383 OBJECT ORIENTED PROGRAMMING LABORATORY

Requirements for a batch of 30 students

S.No.	Description of Equipment	Quantity required (R)	Quantity available (A)
1.	Systems with either Netbeans or Eclipse	30	60

(R 2017) Semester – IV

CS8481 DATABASE MANAGEMENT SYSTEMS LABORATORY

Requirements for a batch of 30 students

S.No.	Description of Equipment	Quantity required (R)	Quantity available (A)
1.	Systems with MySql	30	60
2.	Visual Studio	30	60
3.	Server	1	1

(R 2017) Semester – IV

CS8461 OPERATING SYSTEMS LABORATORY

Requirements for a batch of 30 students

S.No.	Description of Equipment	Quantity required (R)	Quantity available (A)
1.	Systems with Linux OS and GNU Computer	30	60

(R 2017) Semester – V

CS8581 NETWORKS LABORATORY

Requirements for a batch of 30 students

S.No.	Description of Equipment	Quantity required (R)	Quantity available (A)
1.	Standalone Desktops	30	60
2.	C / C++ / Java / Python / Equivalent Compiler Network Simulator like NS2 / Glomosim / OPNEt / Packet Tracer /Equivalent	30	60

(R 2017) Semester – V

CS8582 OBJECT ORIENTED ANALYSIS AND DESIGN LABORATORY

Requirements for a batch of 30 students

S.No.	Description of Equipment	Quantity required (R)	Quantity available (A)
1.	Rational Suite (User License)	30	60
2.	Open Source Alternatives: ArgoUML,StarUML, Visual Paradigm (or) Equivalent Eclipse IDE and Junit	30	60
3.	PCs	30	60

(R 2017) Semester – VI

CS8661 INTERNET PROGRAMMING LABORATORY

Requirements for a batch of 30 students

S.No.	Description of Equipment	Quantity required (R)	Quantity available (A)
1.	Systems	30	60
2.	Server (Web Server)	1	1
3.	Java/JSP/ISP Webserver/Apache Tomcat / MySQL / Dreamweaver or Equivalent, WAMP/XAMP	30	60

(R 2017) Semester – VI

CS8662 MOBILE APPLICATION DEVELOPMENT LABORATORY

Requirements for a batch of 30 students

S.No.	Description of Equipment	Quantity required (R)	Quantity available (A)
1.	C / C++ / Java or equivalent compiler GnuPG, Snort, N-Stalker or Equivalent	30	60
2.	Standalone desktops or Server supporting terminals	30	60

(R 2017) Semester – VII

IT8761 SECURITY LABORATORY

Requirements for a batch of 30 students

S.No.	Description of Equipment	Quantity required (R)	Quantity available (A)
1.	C / C++ / Java or equivalent compiler GnuPG, Snort, N-Stalker or Equivalent	30	60
2.	PCs	30	60

(R 2017) Semester – VII

CS8711 CLOUD COMPUTING LABORATORY

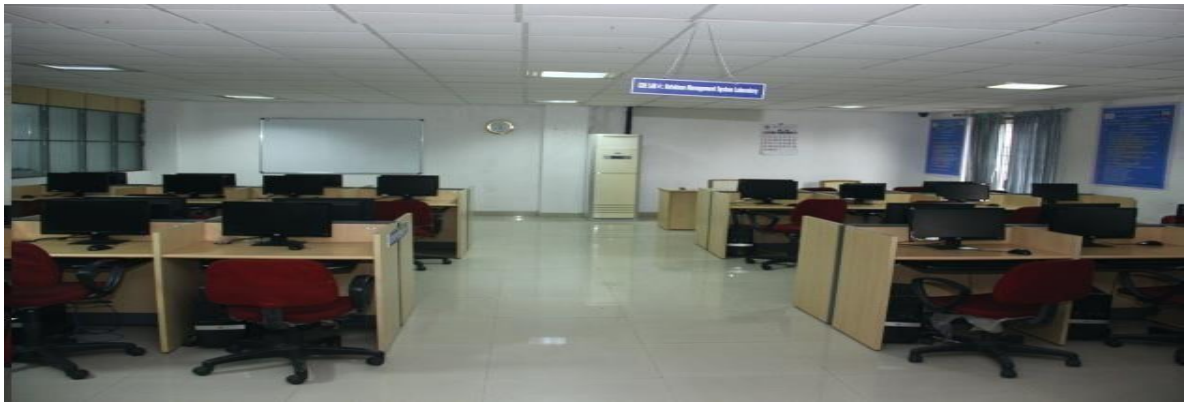
Requirements for a batch of 30 students

S.No.	Description of Equipment	Quantity required (R)	Quantity available (A)
1.	Virtual box, VMware Workstation, Cloud Environment Creation, Openstack, Hadoop, Coludism, GAE launcher	30	60

Charless Babbage Computer Center

John Mccharthy Computer Center

Alan Turing Computer Center



James Gosling Common Computer Center

Communication Systems Lab			
S.No.	**Name of the Equipment**	**Quantity**	**Cost (Rs.)**
1.	Amplitude modulation Transmitter Kit	2	22,112
2.	Amplitude Demodulation Transmitter Kit	2	22,112
3.	Frequency modulation Transmitter Kit	2	22,112
4.	Frequency Demodulation Transmitter Kit	2	16,661
5.	Pulse Code Modulation kit	1	7556
6.	Pulse Code Modulation Receiver kit	1	7556
7.	Delta/Sigma Delta and adaptive Delta Modulation Demodulation Kit	1	7556
8.	Data Conditioning and carrier modulation Kit	1	7556
9.	Data Conditioning and carrier Demodulation Kit	1	7556
10.	VLSI based advanced digital communication training system	1	50,850
11.	Linear IC Trainer	1	6667
12.	Pulse Amplitude/Pulse width/Pulse Position Modulation Demodulation	2	15,112
13.	TDM Multiplexing and demultiplexing trainer	1	14,500
14.	Sampling and Reconstructing trainer	1	14,500

Linear Integrated Circuits Laboratory			
S.No.	**Name of the Equipment**	**Quantity**	**Cost(Rs.)**
1.	30MHZ 2 channel Oscilloscope	11	1,71,000
2.	1 MHZ Function generator	13	91,730
3.	Digital multimeter	10	9000
4.	Digital multimeter(14/3/14)	5	4500
5.	Dual power supply(0-30v)2A	10	79000
6.	Minmax Linear IC Tester	2	39,000
7.	3 MHZ Function generator	5	43750
8.	Digital LCR Meter	2	5000

Digital Electronics Laboratory			
S.No.	**Equipment Name**	**Quantity**	**Amount (Rs.)**
1.	Function Generator- 1Mhz	5	36,250
2.	Function Generator- 3Mhz	5	43,750
3.	Digital IC Trainer Kit	15	1,62,000
4.	Fixed Power Supply	5	7,000
5.	Digital IC Tester	2	27,000
6.	Analog IC Trainer kit	5	54,000
7.	Digital Multimeter	5	4,500
8.	Dual Power Supply	5	39,500

Microprocessor and Microcontroller Laboratory			
S.No.	**Name of the Equipment**	**Quantity**	**Cost (Rs.)**
1.	8085 LCD based Microprocessor kit	15	89,250
2.	8086 LCD based Microprocessor kit	15	1,33,500
3.	8051 LCD based Microcontroller kit	15	1,34,250
4.	Stepper motor interfacing card	5	9,750
5.	Traffic light interfacing card	5	7,500
6.	ADC interfacing card	5	7,500
7.	DAC interfacing card	5	7,500
8.	Addon on boards F-8255	5	9,750
9.	Addon on boards F-8253	5	9,750
10.	Addon card 8251	5	9,250
11.	Addon card 8279	5	9,250

Microwave and Optical Communication Laboratory			
S.No.	**Name of the Equipment**	**Quantity**	**Cost (Rs.)**
	Fiber optic analog and digital link at 660nm using plastic fiber	1	13,397
	Advanced Fiberoptic communication trainer	2	65,175
	Laser Diode and glass fiber based fiberoptic trainer	1	36,208
	Dual wavelength fiber optic laser source and detector module	2	162,936
	Fiberoptic passive component module	1	59,743
	Single mode fiberoptic cable module with WDM	1	54,313
	Chromate dispersion module	1	81,468
	Fiber Optic Power meter	1	21,761
	100MHZ 1GS/S colour digital storage oscilloscope with FFT	4	105,000
	Gunn diode based microwave trainer	1	51,832
	Components fot magic tee directional 1.Directional coupler 2.Matched termination 3.Circulator 4.E-Plane TEE 5.H Plane TEE 6.Fixed attenuator 7.Magic TEE	2	72,394
	Components for polar pattern and gain charecteristics of Horn Antenna 1.Antenna Rotator 2.Pyramidal waveguide horn antenna (Tx & Rx) 3.Pickup horn antenna 4.E-Plane and H-Plane waveguide horn antenna	1	36,197
	Klystron based microwave trainer 1.Klystron tube 2.Klystron mount 3.Waveguide stand 4.Variable attenuator 5.SS tuner 6.Matched termination 7.Movable short 8.Detector mount 9.Isolator 10. Slotted section 11.Tunable probe 12.Frequency Meter 13.VSWR Meter 14.BNC to BNC cable 15.Cooling Fan 16. Klystron power supply 17. Manual 18.Shorting plate	7	459,577

	Per Trainer		
	Advanced Fiber Optic Trainer kit	2	95,000
	Microwave turn table with Horn Antenna	1	18,000

Digital Signal Processing Laboratory				
S.No.	**Name of the Equipment**	**Specification**	**Quantity**	**Cost (Rs.)**
1.	Floating point DSP Processors Kit	TMS 320C 5416 series DSP kit	8	210000.00
2.	CRO	CRO (0-30Mhz)	15	285000.00
3.	Function Generator	Function Generator (0-1MhZ)	5	36250.00
		Function Generator (0-3MhZ)	10	87500.00
4.	Floating point DSP Processors Kit	TMS 320C50 based starter DSP kit	1	14850.00
5.	Floating point DSP Processors Kit	TMS 320C 5416 series DSP kit	1	19800.00

VLSI Laboratory				
S.No.	**Name of the Equipment**	**Specification**	**Quantity**	**Cost (Rs.)**
1.	Xilinx or Altera FPGA Kit	FPGA Protoboard with Spartan-III XC3s400PQ208C	8	86863.00
2.	CPLD Trainer Kit	CPLD Trainer with XC9572P84	1	6750.00
3.	FPGA Kit	FPGA Multifunction Evaluation System	1	14200.00
4.	FPGA Kit	Mini FPGA Evaluation Board	1	11500.00
5.	Logic Analyzer	Analog Discovery kit	2	38094.00
6.	Altera cyclone II FPGA Board	Altera cyclone II FPGA Mini Board	5	18500.00

Embedded Systems Laboratory				
S.No.	**Equipment Name**	**Specification**	**Quantity**	**Amount**
1	ARM 2148 EvaluationSyster	ARM 7 Kit	1	9,000
2	Universal ARM application development System	ARM 7 Kit	1	22,000
3	ARM 7 Trainer kit with 11 peripherals	ARM 7 Kit	8	89,040
4	Wireless Module	ZIGBEE	2	3,150

Electronic Devices Laboratory			
S.No.	**Equipment Name**	**Quantity**	**Amount (Rs.)**
1.	Fixed Power Supply	4	5,600
2.	Variable Power Supply	8	39,200
3.	Two Channel 4 Trace Oscilloscope	20	3,80,000
4.	Function Generator- 1Mhz	20	1,45,000
5.	Function Generator- 3Mhz	1	7,900
6.	Digital Multimeter	10	9,000
7.	Analog Multimeter	2	1,900
8.	Dual Power Supply	6	47,660
9.	Fixed Power Supply (5V- 2A)	4	6,124
10.	Power Supply (12V-2A)	4	9,975
11.	Power Supply (30V-2A)	4	16,624
12.	Power Supply (30V-2A) Dual	4	24,152

Basic Electronics Laboratory

Microprocessor and Microcontroller Laboratory

Circuit Simulation & Linear Integrated Circuits Laboratory

Communication Systems Laboratory

Optical & Microwave Laboratory

Digital Signal Processing Laboratory/ Embedded Laboratory

VLSI Laboratory

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CONTROL AND INSTRUMENTATION LABORATORY

Sl.No	Name of the Equipment	Cost of the Equipment
1	PID Trainer KIT	12400
2	DSO	15214
3	CRO	43294
4	DC Motor	40800
5	DC Shunt generator coupling with dc shunt motor	40800
6	Rheostats	4682
7	Function Generator	6000
8	AC Position Control	29450
9	DC Position Control	29450
10	AC Synchro Transmiter /Receiver	22360
11	DC Ammeter	4340
12	DC Voltmeter	2905
13	Maxwell, Schering, Wheat Stone, Kelvin Double bridge	24000
14	Thermameter	200
15	Thermistor	9200
16	Pressure Chamber	22750
17	Optical Sensor	3600
18	Strain Guage Trainer KIT	10800
19	Flow measurement KIT	43600
20	Single Phase Auto Transformer	6500
21	Single Phase Energy Meter	6600
22	IC trainer KIT	3600
23	Stop Watch	180
Total		**382725**

ELECTRICAL MACHINES LABORATORY

S.No	Name of the Equipment	Cost of the Equipment
1	5HP DC Shunt Motor Coupled with 5HP DC Shunt Generator with Starter	79648
2	5HP DC Shunt Motor Coupled with 5HP DC Series Generator with Starter	80864
3	5HP DC Shunt Motor Coupled with 5HP DC Compound Generator with Starter	80864
4	5HP DC Shunt Motor Coupled with 5HP 3Ø Non Salient Pole Alternator with starter	249888
5	5HP DC Shunt Motor Coupled with 5HP 3Ø Salient Pole Alternator with starter	84512
6	5HP DC Shunt Motor with Mechanical Loading Arrangement with starter	165984
7	5HP DC Series Motor with Mechanical Loading Arrangement with starter	54112
8	5HP DC Compound Motor with Mechanical Loading Arrangement with starter	56544
9	5HP 3Ø AC Squirrel Cage Induction Motor with Mechanical Load Arrangement	79040
10	2HP 1Ø AC Squirrel Cage Induction Motor with Mechanical Load Arrangement	49856
11	5HP 3Ø AC Slip Ring Induction Motor with Mechanical Load Arrangement with Rotor Resistance starter	63535
12	5HP 3Ø AC Synchronize Motor with Mechanical Load Arrangement with Auto synchronizing starter	72352
13	Single Phase Transformer (1 KVA)	31616
14	Three Phase Auto-Transformer	21280
15	Digital tachometer control type	11552
16	Rheo starts 360Ω/1.5A	5958
17	Rheo starts 720Ω/1.2A	5958
18	Rheo starts 50Ω/5A	5958
19	Rheo starts 200Ω/1.7A	5958
20	"Meco" DC/Ac portable ammeters/voltmeters[various ranges]	22502
21	"Meco" Upf wattmeter portable 150/300/600 v 10/20 A	6445
22	150/300/600 v 5/20 A	6080
23	"Meco" Upf wattmeter portable 150/300/600 v 5/20 A	11917

24	150/300/600 v 1/2 A	11917
25	Double element wattmeter 10/20A	19456
26	Rheostat 720Ω/.5A	3648
27	Earth tester kit with accessories	9120
28	3-Point starter, 4-point starter,	9728
29	SPST SWITCH WITH TERMINAL	3840
30	DPST SWITCH WITH TERMINAL	2944
31	TPST SWITCH WITH TERMINAL	4480
32	Three phase Resistive load	21120
33	A.C Distribution Panel	48,900
34	D.C Distribution Panel	48,900
35	D.C Rectifier	1,36,000
36	Single phase auto transformer	15000
37	Three phase auto transformer	45000
38	Rheostat-50 ohm/5A	4475
39	Rheostat-640 ohm/0.8A	1982
40	Rheostat-250 ohm/2A	8676
41	Rheostat-800 ohm/1.2A	8384
42	Rheostat-50 ohm/5A	1880
43	Single phase inductive load	22,500
44	Three Phase loading Rheostat-5kw	24500
45	Single phase loading rheostat-3kw	17,500
46	Single Phase loading rheostat-5kw	18500
47	Single Phase loading rheostat-5kw	18500
48	Meco Portable Ammeter-10/20 AMPS	3652
49	M 3900 Mastech digital multimeter	2145
50	Meco portable UPF wattmeter	13500
51	Meco portable UPF wattmeter	6750
52	Meco portable ammeter-906(MI0	2739
53	Meco portable ammeter(MI)-905	1826
54	Meco portable Voltmeter MI-908	5862
55	Meco portable Voltmeter MI	1826
56	MF 16 SELEC DIGITAL HZ METER 48*96 mm	2439
57	Meco portable DC voltmeter-2237	5150
58	Meco portable LPF wattmeter	12450
59	Meco portable LPF wattmeter	12150
60	Meco portable 75/150V DC voltmeter	2060
61	Meco portable DC Ammeter	2170
62	Meco portable DC Ammeter	4340
Total		Rs.1702433

ENGINEERING PRACTICES LABORATORY

Sl.No	Name of the Equipment	Cost of the Equipment
1	Single phase Energy meter	650
2	Three phase Energy meter	1350
3	Ammeter(0-100)μA	550
4	Ammeter(0-500)μA	550
5	Ammeter (0-100)mA	5000
6	Ammeter (0-500)mA	2750
7	Ammeter (0-5)A	1970
8	Voltmeter (0-300)V	1970
9	Single phase Watt meter	5250
10	Digital multimeters	9000
11	Power factor meter	5250
12	Electric Iron box	315
13	Emergency Lamp	200
14	Megger	950
15	Digital Live wire Detector	600
16	Soldering set	600
17	Function generator	900
18	Power Supply	15800
19	Range finder	1832
	Total	**55487**

POWER ELECTRONICS AND DRIVES LABORATORY

Sl.No	Name of the Equipment	Cost of the Equipment
1	SCR Module	4420
2	MOSFET Module	6339
3	IGBT Module	6050
4	TRIAC Module	7500
5	Step up and Step down Chopper	35510
6	IGBT based 1Ø PWM Inverter	45000
7	IGBT based 3Ø PWM Inverter	63600
8	1Ø half wave and full wave controlled converter	17610
9	SCR and TRIAC AC Controller	12000
10	Switching Mode Cower Converter	29800
11	Cyclo Converter Kit	14170
12	Dual Regulator DC power supply	25000
13	CRO	150214
14	IsolationTransformer	39175
15	1Ø Auto transformer	8620
16	Multimeter	3575
17	LCR Meter	8700
18	Rheostat	3670
19	DC and AC Meter	11000
	Total	**491953**

POWER ELECTRONICS LABORATORY (PG)

Sl.No	Name of the Equipment	Cost of the Equipment
1	Microcontroller based Speed Control Converter Kit	75000
2	Microcontroller based Speed Control Chopper Kit	75000
3	Microcontroller based Speed Control of VSI Fed 3 Phase IM	75000
4	Microcontroller based Speed Control of Stepper Motor	16500
5	DSP based Speed Control of SRM Motor	75000
6	Logic Kit for Electric Motors using by FPGA Kit	25000
7	Digital Millimetres	6000
8	DSP based Speed Control of BLDC Motor	75000
9	Power Quality Analyzer	8530
10	Digital Storage Oscilloscope	60856
	Total	**491886**

PROJECT AND RESEARCH LABORATORY

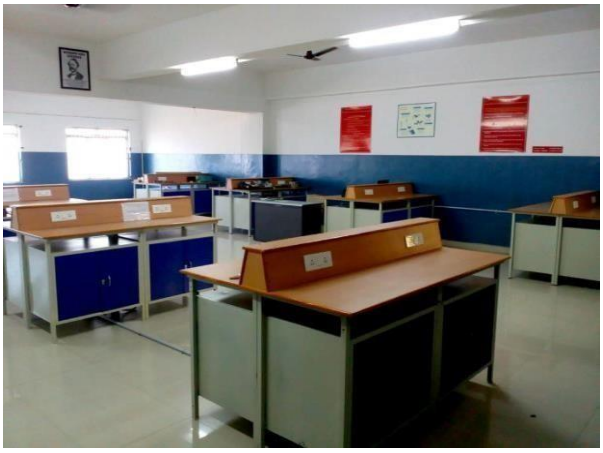
Sl.No	Name of the Equipment	Cost of the Equipment
1	Delta VFD Panel: Delta VFD L series Panel with Analog DC Meter and Potentiometer	23200
2	Control Panel : 3 Phase Control Panel with 40A Isolator, RCCB and 4 Single Pole MCB with 3 no's 50/5 CT Coil, Analog Voltmeter, Ammeter, ASS, VSS, Pilot Lamps, Push Buttons	29000
3	Delta PLC Panel : Delta 14SS2 PLC with Panel	20500
4	MNX 9 Contactor	2700
5	MNX 9 Contactor Add-on Block	500
6	Salzer Relay Base	1000
7	Salzer Relay	1600
8	Analog Timer	1500
	Total	**80000**

Electrical Machines Laboratory

Power Electronics and Drives Laboratory (UG & PG)

Control and Instrumentation & Power System Simulation Laboratory

Engineering Practices and Project Laboratory



DEPARTMENT OF FOOD TECHNOLOGY

S.NO	PARTICULARS	QTY	TOTAL COST
FOOD CHEMISTRY LAB			
1.	Refractometer	1	16,762
2.	Water bath	1	6,286
3.	Ph meter	1	8,000
4.	Heating mantle	1	1,381
5.	TLC paper strips	1	6,500
6.	Thermometer	1	120
7.	UV Vis Spectrophotometer	1	2,70,158
8.	Hot Plate	1	5,800
9.	Moisture Balance	1	10,800
FOOD ANALYSIS LAB			
10.	Colorimeter	1	9240
11.	Distillation unit	1	2500
12.	Dean and stark	1	5300
13.	Soxhletapparatus(5)	5	19999
14.	Kjedhal apparatus	1	4730
15.	Weighing balance	1	1241
16.	Dessicator	2	9742
BIOPROCESS LAB			
17.	Non refrigerated orbital incubator shaker	1	55,650
18.	Refrigerator	1	27,600
19.	Fermenter	1	7,42,875

20.	Colorimeter	3	27,720
FOOD PRODUCTION ANALYSIS LAB			
21.	Vortex mixer	1	**4200.00**
22.	Water Bath	1	**6286.00**
23.	pH Meter	1	**8000.00**
24.	Heating Mantle	1	**1381.00**
25.	Colorimeter	1	**9240.00**
FOOD PROCESSING AND PRESERVATION LAB			
26.	Induction stove	1	1,975
27.	Plastic bag sealing machine	1	850
28.	Extruder	1	633
29.	Hot air oven	1	26,000
30.	Spary dryer	1	7,51,929
31.	Refrigerator	1	26,500
BAKING AND CONFECTIONERY LAB			
32.	Vernier caliper	1	592.00
33.	Digital caliper	2	1176.00
34.	Vivr silicone chocolate mould	4	599.00
35.	Silicon chocolate mould	1	202.00
36.	Hwa you silicone chocolate ice mould	1	273.00
37.	Deck oven	1	1,16,280.00
38.	Egg beater	5	466.00
39.	Microwave oven	1	7500.00
DAIRY PROCESS TECHNOLOGY LAB			

40.	Gerber centrifuge	1	7930.13
41.	Butyrometer	8	571
42.	Milk Analyser	1	34862.63
43.	Premium lactometer	2	378
SKILLS FOR FOOD PRODUCT DESIGN AND DEVELOPMENT LAB			
44.	Food pack sealer	2	3580
45.	Thermometer	3	1104
46.	Chocolate mould	10	2334
47.	Egg beater	3	792
48.	pH meter	1	3465
FOOD MICROBIOLOGY LAB			
49.	Autoclave	1	62,750
50.	Laminar Air Flow Chamber	2	80,499
51.	Light Microscope	6	1,53,000
52.	Incubator Shaker	1	53,999
53.	Hot Air Oven	1	26,000
54.	Colony Counter	5	34,351
55.	Refrigerator	2	51,100
56.	Incubator	1	28,000
57.	pH Meter	2	9000
58.	Water Bath	4	50,400
59.	LPG Gas Stove	1	2,156
60.	Pressure Cooker	1	5,250

DEPARTMENT OF MECHANICAL ENGINEERING

VALUE OF EQUIPMENTS IN ALL LABORATARY
(As per stock registers)

S. No	Name of the Lab	VALUE OF EQUIPMENT IN RS.
1	Dynamics lab	398600
2	Metrology &measurement lab	643250
3	Manufacturing technlogy-1	1039624
4	Manufacturing technlogy-2	2627883
5	Mechatronics Lab	382991.5
6	Thermal lab-I	2426545
7	Thermal lab-2	434300
8	Engineering Practice Laboratory	
	(a)PLUMBING	18207
	(b)CARPENTRY	125360
	(c)WELDING	45426.5
	(d)SHEET METAL	4282
	(e)SMITHY	16905
	(f)BASIC MACHINING	42016
	(g)FOUNDRY	12250
	Grand Total in Rs:	**8217640**

Thermal Lab-I

S. No	Name of the Equipment	Quantity	Cost in Rs/ unit	Total cost in Rs
1	Cut Section Model Of Two Stroke Petrol Engine	1	8450	8450
2	Cut Section Model Of Four Stroke Diesel Engine	1	11550	11550
3	Red Wood Viscometer Apparatus	1	8100	8100
4	Flash And Fire Point Apparatus	1	7450	7450
5	Four Stroke Diesel Engine With Brake Test RigApparatus	1	50520	50520
6	Four Stroke Slow Speed Diesel Engine With BrakeTest, Retardation Test Rig Apparatus	1	63740	63740
7	Two Stage Reciprocating Air Compressor	1	64650	64650
8	Air Blower Test	1	61850	61850
9	Four Stroke Single Cylinder Diesel Engine WithElectrical Loading	1	199500	199500
10	Four Stroke Single Cylinder Diesel Engine WithHydraulic Loading	1	189950	189950
11	Four Stroke Single Cylinder Petrol Engine WithElectrical Loading Dynamometer Test	1	129700	129700
12	Steam Generator Apparatus	1	469100	469100
13	Stem Turbine Apparatus	1	465500	465500
14	Steam Generator Apparatus Accessories	1	249500	249500
15	Data Acquistion System	1	446985	446985
			Grand Total in Rs:	**2426545**

DYNAMICS LABORATORY

S. No	Name of the Equipment	Quantity	Cast in Rs/ unit	Total cost in Rs
1	Kinematics of 4 Bar Mechanism Setup	1	12000	12000
2	Kinematics of Universal Joint	1	12000	12000
3	Kinematics of Gear trains	1	64000	64000
4	Unversal Governors	1	37200	37200

5	Cam Jump Phenomenon	1	39000	39000
6	Gyrosopic Setup	1	32800	32800
7	Whirling of shaft	1	26000	26000
8	Balancing of rorating and Reciprocating Masses	1	78000	78000
9	Moment of Inertia by oscilation method for connecting rod and flywheel	1	18800	18800
10	Vibration System and spring Mass System	1	18800	18800
11	Torsional frequencies for Compund Pendulum , Fly Wheel system and Turn table	1	18800	18000
12	Transverse vibration & Free beam	1	42000	42000
			Grand Total in Rs:	**398600**

Metrology & Measurement Lab

S. No	Name of the Equipment	Quantity	Cast in Rs/ unit	Total cost in Rs
1	Vernier caliper (0-300 mm)	2	9900	19800
2	Vernier caliper (0-150 mm)	2	5600	11200
3	Vernier caliper (0-200mm)	2	7500	15000
4	Gear tooth Vernier (0-26mm)	1	6000	6000
5	Vernier Depth Gauge (0-300 mm)	1	29000	29000
6	Vernier Height gauge	1	29000	29000
7	Micrometer 0-25mm	2	2900	5800
8	Micrometer 25-50mm	2	4600	9200
9	Micrometer 50-75mm	2	6000	12000
10	Slip Gauge	1	10000	10000
11	Sine bar	1	12000	12000
12	Bevel Protractor	1	18750	18750
13	Tool Maker Microscope	1	38000	38000
14	Auto collimeter	1	46000	46000
15	Profile Projector	1	88000	88000
16	Floating Carriage micrometer	1	52500	52500
17	Mechanical comparator	1	6000	6000
18	Pneumatic comparator	1	40000	40000
19	Electrical comparator	1	40000	40000

20	thermo couple	1	8000	8000
21	Strain gauge,LVDT, Wheat stone bridge	1	11000	11000
22	Load cell	1	11000	11000
23	Torque Sensor	1	12000	12000
24	Surface Plate	4	6000	24000
25	Gear Tooth Tester	1	89000	89000
			Grand Total in Rs:	**643250**

MANUFACTURING TECNOLOGY -1

S. No	Name of the Equipment	Quantity	Cost in Rs/ unit	Total cost in Rs
1	Lathe -Light Duty M/C With Accessories	5	52800	264000
2	Injection Moulding Mannal Operated	1	12000	12000
3	Alluminium Pattern			
	1)Gear	5	1400	7200
	2)Step Pully	5	1320	6600
	3)Flange	5	1080	5400
4	Hand Shearing Machine	1	3250	3250
5	Bench Vice	5	1560	7800
6	Moulding Table	5	2100	10500
7	Moulding Tools	5	1440	7200
8	Foundary Pattern Box	5	1080	5400
9	Moulding Table	2	3500	7000
10	Runner And Raiser	4	132	530
11	Split Pattern	1	676	676
12	Loose Pattern	1	364	364
13	Central Lathe (Light Duty)	10	52800	528000
14	Vernier Calliper	5	1450	7250
15	Micro Meter	5	1200	6000
16	Inside Spring Caliper	10	1050	10500
17	Allen Key Set	1	150	150
18	Hight Gauge	1	1872	1872
19	Borring Machine	1	119040	119040
20	Power Hacksaw Cutting Machine	1	21000	21000
21	Lathe Chuck 8x4	1	5000	5000
22	FLANGE 200mm	1	800	800
23	Screw Gauge	1	632	632
24	Ball Pin Hammer	1	250	250
25	Tester	1	30	30
26	Screw Driver	1	146	146
27	Double End Spanner	1	600	600

28	Cutting player	1	234	234
29	Pitch gauge	1	200	200
			Grand Total in Rs:	**1039624**

MANUFACTURING TECNOLOGY – II

S. No	Name of the Equipment	Quantity	Cost in Rs/ unit	Total cost in Rs
1	Surface Grnding Machine	1	129000	129000
2	Tool Makers Microscope	1	4000	4000
3	Radial Drilling Machine	1	70720	70720
4	Vertical Milling Machine	1	120000	120000
5	Slotting Machine	1	57600	57600
6	Cylindrical Machine	1	158400	158400
7	Horizontal Milling Machine	1	120000	120000
8	Hydrulic Trolly	1	14000	14000
9	Magnetic Chuck	1	9120	9120
10	Power Hacksaw Cutting Machine	1	21000	21000
11	Shaping Machinw	2	108327	216654
12	All Gear Lathe	2	324087	648174
13	Radial Drilling Machine Vice	1	3840	3840
14	Horss	1	525	525
15	Clamp	2	15	30
16	Steel Rule	10	42	420
17	Cylindrical Grinding Machine	1	158400	158400
18	Capstan Lathe	1	175000	175000
19	Turret Lathe	1	178500	178500
20	Lathe Tool Dynamometer	1	45000	45000
21	Surface Grnding Machine	1	165000	165000
22	Radial Drilling Machine	1	92500	92500
23	Vertical Milling Machine	1	120000	120000
21	Horizontal Milling Machine	1	120000	120000
Grand Total in Rs:				**2627883**

Mechatronics Lab

Thermal Lab- II

S. No	Name of the Equipment	Quantity	Cost in Rs/ unit	Total cost in Rs
1	Heat transfer through lagged pipe apparatus	1	24300	24300
2	Heat transfer in natural convection apparatus	1	24750	24750
3	Stefan Boetzmann apparatus	1	24750	24750
4	Refrigeration Test Rig apparatus	1	53300	53300
5	Air conditioning Test Rig apparatus	1	71600	71600
6	Parallel flow /counter flow heat exchanger	1	24800	24800
7	Heat transfer in forced convection apparatus	1	27400	27400
8	Heat transfer from a pin fin apparatus	1	29750	29750
9	Thermal conductivity of Guarded Hot plate method apparatus	1	29750	29750
10	Emissivity Measurement apparatus	1	24750	24750
11	Study of refigeration and airconditioning system	1	34500	34500
12	Performance Test on single /two stage reciprocating air	1	64650	64650
			Grand Total in Rs:	**434300**

ENGINEERING PRACTICE LABORATORY EQUIPMENT COST DETAILS.

PLUMBING

SL.NO	NAME OF THE EQIPMENT	QUANTITY	COST in RS/ unit	TOTAL COST
1	Pipe vice	5	275	1375
2	Pipe die set	5	400	2000
3	Pipe wrench	4	240	960
4	3m TAPE	2	35	70
5	Hack saw frame	20	35	700
6	Spanner set d/e	2SET	250	500
7	Rough file flat	10	105	1050
8	Smooth file	10	125	1250
9	Triangular file	5	150	750
10	Round file	5	130	650
11	Half round file	5	130	650
12	3/4" bend	5	20	100
13	3/4" tap	5	30	150
14	3/4" t	5	24	120
15	3/4" telbow	5	15	75
16	3/4" coupling	5	15	75
17	Red	5	16	80
18	Union	5	34	170
19	Nipple	5	9	45
20	Socket (pvc)	5	4	20

21	Bend valve (pvc)	5	5	25
22	End cap	5	5	25
23	Bush 3/4"	5	5	25
24	Sprit level	1	229	229
25	Tap wrench	1	146	146
26	G.i nipple	17	48	816
27	Elbow	1	69	69
28	Stop cork brass	1	285	285
29	Union g.i	1	122	122
30	Globe valve	1	960	960
31	4 way joint g.i	1	178	178
32	3 way tee	1	96	96
33	End cap g.i	1	39	39
34	Cup plug g.i	1	36	36
35	Coupling	1	42	42
36	1x3/4" bush	1	29	29
37	3/4" flanch	1	42	42
38	Gate valve brass	1	260	260
39	1x3/4" tee	1	288	288
40	3/4" tee	1	62	62
41	3/4" nipple	1	118	118
42	1" check valve	1	280	280
43	1" cross nipple steel	1	68	68
44	90° elboe g.i	1	63	63
45	1" foot valve	1	235	235
46	1x3/4" reducer	1	59	59
47	3/4" x 3 nipple g.i	4	29	116
48	3/4" stop cork brass	1	98	98
49	3/4" union stop cork	1	185	185
50	45° elbow	1	49	49
51	3/4" sleeve plaste	1	165	165
52	Flexible pipe	2	48	96
53	J.k.square rough file	2	126	252
54	RING SPANNER (6/100mm) (6X7 to 24X27)	1SET	485	485
55	Plumb bab	1	70	70
56	B.NIPPLE 3/4" (25mm) (6"length)	2	20	40
57	SOCKET (25mm)	2	17.5	35
58	PVC TEE (25mm)	2	4	8
59	G.I BEND(20mm)	6	15	90
60	G.I ELBOW (20mm)	6	15	90
61	B.nipple (20"x24")	3	57	171
62	G.i gate valve	3	165	495
63	Brass tape cock	3	125	375
		GRAND TOTAL		**18207**

CAPENTRY

SL.NO	Name of the equipment	QUANTITY	COST in RS/unit	Total Cost
1	Carpenter Vice	10	700	7000
2	Hand Saw	10	65	650
3	Jack Plane	7	300	2100
4	Wooden Mallet	10	25	250
5	Fuener Chisel3/4"	10	35	350
6	Fuener Chisel1"	10	35	350
7	Fuener Chisel1 .5"	10	45	450
8	Steel Rule	10	25	250
9	Tri Square	10	45	450
10	C-Clamp	10	110	1100
11	Inside Caliper	5	30	150
12	Out Side Caliper	5	30	150
13	Carpenter Vice 6"	5	700	3500
14	Nylon Hammer 1 1/4"	5	130	650
15	Jack Plane	5	468	2340
16	Wooden Mallet	5	105	525
17	Steel Rule	5	20	100
18	Firmer Chisel1/2"	5	35	175
19	Firmer Chisel 1"	5	38	190
20	Firmer Chisel 1 1/2"	5	48	240
21	Tri Square	5	136	680
22	Stright Edge	1	405	405
23	Hand Saw	5	90	450
24	Jig Saw Machine	1	6900	6900
25	Circular Saw Machine	1	3900	3900
26	Power Tool Planner	1	2850	2850
27	Rotary Hammer	1	4500	4500
28	Srew Driver 923	1	31	31
29	Srew Driver 828	1	60	60

30	**Srew Driver 862**	**1**	**45**	**45**
31	**Srew Driver 863**	**1**	**72**	**72**
32	**Marking Gauge**	**2**	**120**	**240**
33	**Tools Box**	**1**	**400**	**400**
34	**Indicator**	**2**	**36.5**	**73**
35	**SCREW DRIVER (8x125)**	**2**	**47**	**94**
36	**Pilot Flat Wooden File**	**5**	**318**	**1590**
37	**Demolishing Hammer**	**2**	**6500**	**13000**
38	**Rotary Hamer**	**1**	**28400**	**28400**
39	**Circular Saw**	**2**	**5600**	**11200**
40	**Planner**	**2**	**6300**	**12600**
41	**Hand Drilling Machine**	**2**	**3200**	**6400**
42	**Jig Saw Machine**	**2**	**5250**	**10500**
			Grand Total	**125360**

WELDING

S.NO	Name of the equipment	QUANTITY	COST in Rs/unit	Total Cost
1	Chipping Hammer	5	85	425
2	Welding Shield	5	60	300
3	Bench Wise	10	1000	10000
4	Welding Holder	5	110	550
5	Welding Cable	27m	110	2970
6	Number Punch	1	65	65
7	Oxygen Regulator	1	425	425
8	Acetylene Regulator	1	425	425
9	Welding Connector	15	15	225
10	Welding Hose	10m	30	300
11	Gas Welding Torch	1	450	450
12	Cylinder Key	1	25	25
13	Letter Punch	1	150	150
14	Welding Transformer (350amps)	5	4800	24000
15	Tongs	6	70	420
16	Leather Apron	5	130	650
17	Gas Cutting Torch	2	1100	2200
18	Welding Earth Cable	5	10	50
19	200x75x75 WELDING STAND	1	253.5	253.5
20	Bass Nut And Nipple	1	68	68
21	L.P.G Regulator	1	300	300
22	Flat Tongs	2	195	390
23	Welding Chipping Hammer	2	125	250
24	Welding Hand Shield	3	145	435
25	Welding Goggles	2	50	100
			Grand Total	45426.5

SHEET METAL

S.NO	NAME OF THE EQIPMENT	QUANTITY	COST in RS/unit	TOTALCOST
1	Bend Snip	5	160	800
2	Straight Snip	5	80	400
3	Ball Pin Hammer	5	55	275
4	Scriber	5	40	200
5	Shearing Machine	1	1750	1750
6	Nose Plier	2	35	70
7	Divider	10	30	300
8	Center Punch	5	15	75
9	Wire Gauge	1	80	80
10	Protracter	1	192	192
11	Scraper	5	28	140
		GRAND TOTAL		**4282**

SMITHY

S.NO	NAME OF THE EQIPMENT	QUANTITY	COST in RS/unit	TOTALCOST
1	Sledge Hammer	2	70	140
2	Blower	1	600	600
3	Hot Chisel	2	100	200
4	Cold Chisel	2	25	50
5	Anvil (31.5kg)	1	1040	1040
6	Anvil (25kg)	1	1750	1750
7	Sledge Hammer	1	305	305
8	Flatter	1	210	210
9	Furance (Hearth)	2	2750	5500
10	Swage Block 50kg	1	3500	3500
11	Anvil 50kg	1	3500	3500
12	Cross Daw Hammer	1	110	110
		GRAND TOTAL		**16905**

BASIC MACHINIG

S.NO	NAME OF THE EQIPMENT	QUANTITY	COST in RS/unit	TOTAL COST
1	3/4" Drill Stand	1	4800	4800
2	Bench Grinder	1	2700	2700
3	Drill Chuck	1	225	225
4	Drill Chuck Arbor	1	45	45
5	Drilling Machine Accessories	1	2200	2200
6	Vernier Caliper 6"	1	750	750
7	Vernier Caliper 12"	1	180	180
8	MICRO METER (0-25mm)	1	700	700
9	MICRO METER (25-50mm)	1	800	800
10	V-Block	1SET	2257	2257
11	Surface Gauge	2	198	396
12	Angle Plate	1	2760	2760
13	Drilling Machine Vice	1	1970	1970
14	Angle Grinder	2	2200	4400
15	Drill Chuck	1	270	270
16	Arbor	1	80	80
17	Drill Sleeve	1	170	170
18	Knurling Tool & Holder	1SET	475	475
19	Oil Can	2	60	120
20	Feeler Gauge	1SET	285	285
21	Tap (M10)	1SET	647	647
22	DRILL BIT 8mm	1	92	92
23	DRILL BIT 10mm	1	154	154
24	HAND REAMER 10mm	1	775	775
25	HAND REAMER 8mm	1	614	614
26	Dead Centre	1	170	170
27	Surface Plate	1	5700	5700
28	Hand Drilling Machine	1	2200	2200
29	Forward Reverse Switch	1	210	210
30	Hand Drilling Machine (Electric & Idb)	1	4900	4900
31	Reverse And Forward Switch	1	236	236
32	3x5 EXTENSION BODY	1	120	120
33	200mm CUTTING PLIAR	1	100	100
34	300mm TIN CUTTER	1	120	120
35	Thread Gauge	1	80	80
36	Radius Gauge (7.5r-15r)	1	215	215
37	200mm SCRIBER	1	100	100
		GRAND TOTAL		**42016**

FOUNDRY

SL.NO	NAME OF THE EQIPMENT	QUANTITY	COST in RS/unit	TOTAL COST
1	Vent Wire	1 EACH	50	50
2	Trovel	1 EACH	300	300
3	Round Rammer	1 EACH	500	500
4	Wooden Tray	1	500	500
5	Bucket	1	150	150
6	Bellows	1	400	400
7	Riddle	1 EACH	1000	1000
8	Strike Bar	1	200	200
9	MOULDING BOX (2set)	1 EACH	1500	1500
10	Single Core	1	1000	1000
11	Showel	1	190	190
12	Moulding Box	1	3500	3500
13	Hatchet stake	1	850	850
14	Funnel stake	1	620	620
15	Grooving stake	1	690	690
16	Drw screw	1	55	55
17	Draw spike	1	60	60
18	Vent wire	1	60	60
19	Lifter	1	40	40
20	Wedge rammer	1	165	165
21	Round rammer	1	165	165
22	Square rammer	1	165	165
23	Gate cutter	1	90	90
		GRAND TOTAL		**12250**

Engineering practices Laboratory:

Manufacturing Technology Laboratory-I

Manufacturing Technology Laboratory-II

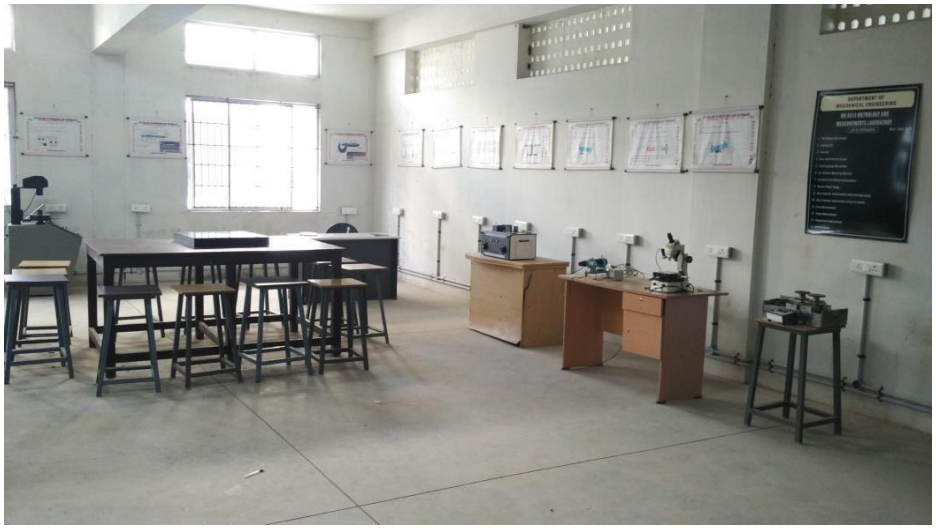
CAD/CAM Laboratory

Thermal Engineering Laboratory I:

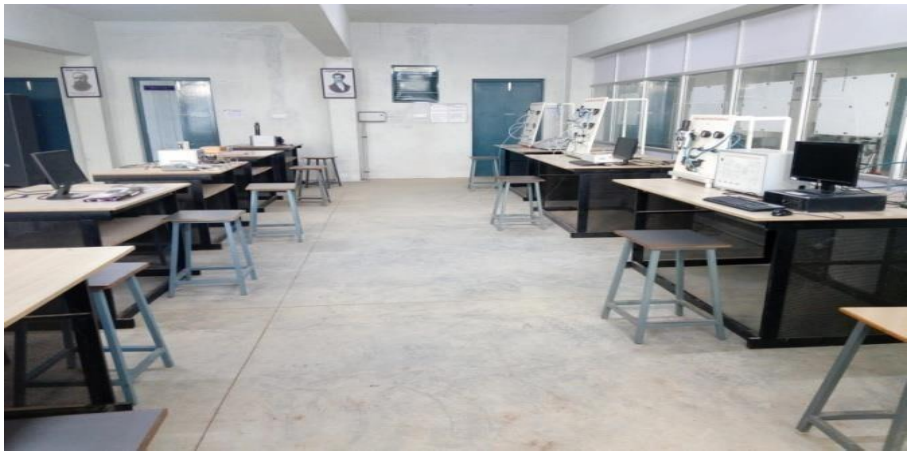
Thermal Engineering Laboratory II:

Dynamics Laboratory:

Metrology and Measurement Laboratory:



Mechatronics Laboratory:



S.NO	PARTICULARS	QTY	TOTAL COST
MECHANICAL OPERATIONS LABORATORY			
1	Gyratory Sieve Shaker	1	31,263.00
2	Rotap Sieve Shaker	1	43,163.00
3	Jaw Crusher	1	61,863.00
4	Ball Mill (Variable Speed)	1	65,263.00
5	Leaf Filter	1	1,23,063.00
6	Plate & Frame Filter Press	1	75,463.00
7	Vibrating Screen	1	43,163.00
8	Cyclone Separator	1	56,763.00
9	Fluidised Bed Characteristics	1	69,513.00
10	Pressure Drop Through Packed Bed	1	66,113.00
HEAT TRANSFER LABORATORY			
11	Flow Through Helical Coil	1	69,513.00
12	Shell & Tube Heat Exchanger	1	78,863.00
13	Open Pan Evaporator	1	69,513.00
MASS TRANSFER LABORATORY			
14	Simple Batch Distillation Setup	1	83,835.00
15	Steam Distillation Setup	1	92,085.00
16	Packed Bed Distillation Column	1	156585
17	Bubble Cap Distillation Column	1	1,97,085.00
18	Vapour In Air Diffusion Apparatus	1	38,835.00
19	Vapour Liquid Equilibrium Setup	1	65,085.00
20	Forced Draft Tray Drier	1	72,585.00
21	Wetted Wall Column	1	85,335.00
22	Plate Type Heat Exchanger	1	98,835.00
23	Vertical & Horizontal Condenser	1	84,585.00
24	Heat Transfer Through Composite Wall	1	38,835.00
CHEMICAL REACTION ENGINEERING LABORATORY			
25	Isothermal Batch Reactor	1	40,335.00
26	Plug Flow Reactor (Coil Type)	1	38,085.00
27	Continuous Stirred Tank Reactor (Cstr)	1	44,835.00
28	Adiabatic Batch Reactor	1	64,335.00
29	Packed Bbed Reactor	1	55,335.00

30	Cascade Cstr	1	61,335.00
31	Rtd Studies In Cstr	1	35,835.00
32	Rtd Studies In Plug Flow Reactor (Coiled Tube Type)	1	34,335.00
33	Rtd Of Packed Bed Reactor	1	44,085.00
PPPT LABORATORY			
34	Water Estimation - Karl Fischer Conductometer Apparatus	1	90,000.00
35	Bomb Calorimeter	1	55,500.00
36	Junker's Gas Calorimeter	1	72,000.00
PC/OC/TA LABS			
37	Bod Incubator	1	43,000.00
38	Water Quality Analyser Model Pe138	1	58,000.00
39	Rotary Vacuum Evaporator Superfit Make	1	68,000.00
40	Bulk Density Apparatus	1	58,275.00
PPT LAB			
41	Pppt/Pa Labs		
42	Penetrometer	1	31,000.00
43	Copper Strip Corrosion Test Apparatus	1	51,000.00
44	Laboratory Stirrer Remi Make	4	35,100.00
PROCESS DYNAMICS AND CONTROL LABORATORY			
45	Control Valve Characteristics (Linear & Equal Percent)	1	81,424.00
46	Interacting & Non-Interacting System	1	51,024.00
47	Time Constant Of Thermocouple And Thermometer	1	50,224.00
48	Study Of P/I And I/P Converter	1	67,824.00

Technical Analysis Laboratory

MECHANICAL OPERATIONS LABORATORY

MASS TRANFER LABORATORY

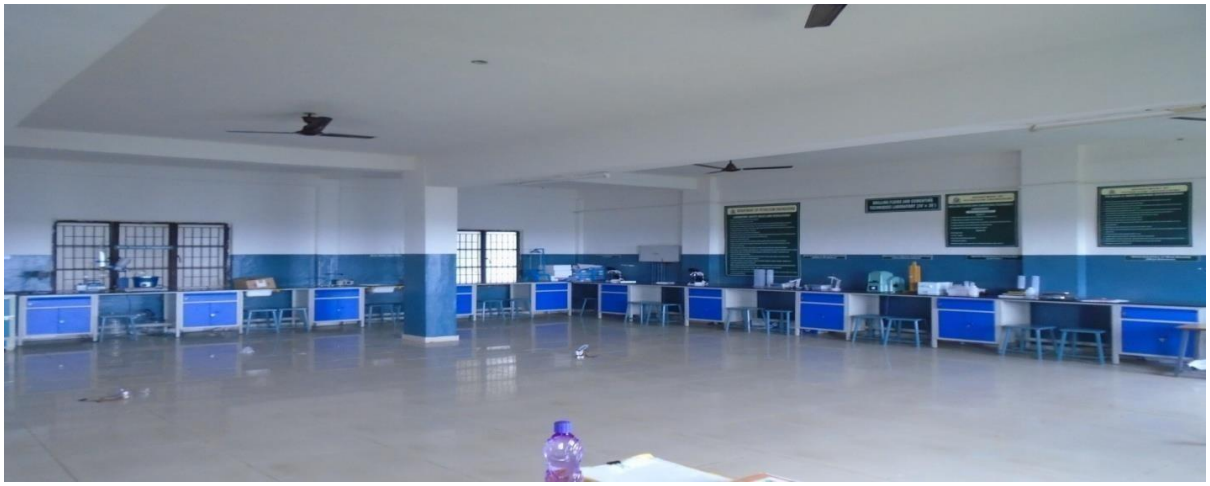
DEPARTMENT OF PETROLEUM ENGINEERING
MASS TRANSFER LAB

PETROLEUM TESTING LAB

HEAT TRANSFER LAB

GEOLOGY LAB

DRILLING FLUIDS AND CEMENTING TECHNIQUES LAB



COMPUTING FACILITIES

- Internet bandwidth: 48 MBPS 1:1
- Number of systems for each lab and its configuration:

  - ❖ Charless Babbage Computer Center 60
  - ❖ John Mccharthy Computer Center 104
  - ❖ Alan Turing Computer Center 104
  - ❖ James Gosling Common Computer Center : 90

- Total Number of Systems Connected by LAN: 581
- Total Number of Systems Connected by WAN: 581
- Major software packages available
- Special purpose facilities available

List of facilities

Academic Sessions (June – May)	
Examination system, Year / Sem	Semester
Period of declaration of results	After Examination completion 30 Days
Counseling / Mentoring	
Career Counseling	Available
Medical facilities	Available
Student Insurance	Available
Students Activity Body	
Cultural activities	Conducted
Sports activities	Conducted
Literary activities	Conducted
Magazine / Newsletter	Department wise published every semester
Technical activities / Tech Fest	Conducted by all the departments
Industrial Visits / Tours	As part of the curriculum students are encouraged to visit industries at various metros in the Country.
Alumni activities	An annual Alumni meet is conducted regularly.

PLANNING AND MONITORING COMMITTEE

Name	Position	Category	Qualification	Present Designation / Occupation	Telephone Numbers	Mobile Numbers	E-mail ID	Address
Dr.S.MANOHARAN	Chairman	Principal of the College	Ph.D. - Information and Communication Engineering	Principal	0422 - 2636900	9361433301	principal@jct.ac.in	No.34,B-1,Murugan Nagar,M.K.Palayam, Uppilipalayam (po), Coimbatore-641015
Mr. RAJU G	Member	Industrial Expert in the field of Engineering and Technology	M.E. - CAD/CAM Others	assistant general manager	0422 - 2672800	9790314842	janatics@md2.vsnl.net.in	E-25, SIDCO, Industrial Estate Kurichi,-Coimbatore-641021 Coimbatore

Mr. BALAMURUGAN	Member	S Industrial expert in the field of engineering and technology	B.E. - Mechanical Engineering	Others - managing director		9790044606	balas1965@sify.com	Gowri CNC Pvt, 91-C Atthipalayam Road, Chinnavedampatti,-Coimbatore-641006 Coimbatore
Dr. GANDHINATHAN M	Member	Industrial expert in the field of engineering and technology	Ph.D. - Mechanical Engineering	Professor		9994770090	krg@pro.psgtech.ac.in	PSG College of Technology Coimbatore-641004 Coimbatore
Mr. THEODORE SOLOMAN E.C	Member	Architect /Civil Engineer	B.Arch. - Architecture	Others - CONSTRUCTION -	4222636900		theodoresolomon.ec@gmail.com	5/3 3rd Circular road Jawahar NagarChennai 600082 Chennai
Mr. ARUN KUMAR C	Member	Architect /Civil Engineer	B.Arch. - Architecture	Others - registred architect		9842318483	uruvagam@gmail.com	20/1, 3rd Street, ShanmugapuramPalani-624601 Dindigul

INTERNAL QUALITY ASSURANCE CELL

In pursuance of action Plan for performance evaluation, assessment and accreditation and quality up-gradation of institutions of higher education, the National Assessment and Accreditation Council (NAAC), Bangalore proposes that every accredited institution should establish an Internal Quality Assurance Cell (IQAC) as a quality sustenance measure. Since quality enhancement is a continuous process, the IQAC will become a part of the institution's system and work towards realisation of the goals of quality enhancement and sustenance. The prime task of the IQAC is to develop a system for conscious, consistent and catalytic improvement in the overall performance of institutions.

Strategies

IQAC shall evolve mechanisms and procedures for

- Ensuring timely, efficient and progressive performance of academic, administrative and financial tasks.
- Relevant and quality academic/ research programmes. Equitable access to and affordabilityof academic programmes for various sections of society.
- Optimization and integration of modern methods of teaching and learning.
- The credibility of assessment and evaluation process.
- Ensuring the adequacy, maintenance and proper allocation of support structure and services.
- Sharing of research findings and networking with other institutions in India and abroad.

Some of the functions expected of the IQAC are:

- Development and application of quality benchmarks
- Parameters for various academic and administrative activities of the institution;
- Facilitating the creation of a learner-centric environment conducive to quality education and faculty maturation to adopt the required knowledge and technology for participatory teaching and learning process;
- Collection and analysis of feedback from all stakeholders on quality-related institutional processes;
- Dissemination of information on various quality parameters to all stakeholders
- Organization of inter and intra institutional workshops, seminars on quality related themes and promotion of quality circles;
- Documentation of the various Programmes /activities leading to quality improvement;
- Acting as a nodal agency of the Institution for coordinating quality-related activities, including adoption and dissemination of best practices;

- Development and maintenance of institutional database through MIS for the purpose of maintaining /enhancing the institutional quality;
- Periodical conduct of Academic and Administrative Audit and its follow-up Preparation and submission of the Annual Quality Assurance Report (AQAR) as perguidelines and parameters of NAAC.
-

Sl No	Composition Criteria Specified by NAAC	No of Members	Members	Designation
1	Chairperson- Head of theInstitution	1	Shri.R.Durgashankar	Secretary
2	Chairperson- Head of theInstitution	1	Dr.S.Manoharan	Principal
3	A few senior Administrative Officers	2	Dr.K.Geetha	Dean
			Mr.A.Chandrahasan	Administrative Officer
4	One of the senior teachers as the coordinator/Director of the IQAC	1	Dr.G.Rajiv SureshKumar	Professor&Head/CSE
5	Teachers to represent alllevel (Three to Eight)	3	Dr.G.Gnanavel	Professor&Head/FT
			Dr.I.J.Isaac Premkumar	ASP/Mechanical
			Mr.S.Renswick	AP/ECE
6	One/Two nominees fromAlumni/Local Society/Student	3	M.Romeo Antony	Alumni: 2009-13 Batch, Mech Door No:38,UpperAttadi, Coonoor, Nilgiris
			Mr.R.Thangam	Local Society: Ex-President,Pichanur Village.
			Mr.Joshin Thomas	Student: IV year-Civil
7	One/Two nominees from Employers/Industrialists/Stake holders	3	Mrs.K.Srigowri	Employer: Manager(HR), Genn Controls India Ltd, Coimbatore.
			Dr.S.Charles	Industry: Senior Manager,Maxeye Technologies Ltd, Bangalore.
			Mr.O.Peethamparan	Parent: F/O,O.P.Abijith-IV ECE , Orottil Krishna kripa House, Pudussery, Thekkethara,Kanjikode

INNOVATION AND INCUBATION CENTRE

JCT College of Engineering & Technology started the **"Incubation Centre**" in 2019 for nurturing and overseeing innovation and entrepreneurship. The aim is to encourage entrepreneurship among locals with the colleges serving as focal points. It is a platform for nurturing, encouraging and developing innovation and entrepreneurial skills among its students, research scholars and alumni, as well as students of the region. Entrepreneurship in India is on the verge of explosive growth. Angel investors, venture capital, media, startup clubs, service providers, mentors and training companies are going to grow. And one important cog in the wheel is the incubator – the place where startups are born. When a baby is born, he/she is kept in the incubator for first few hours and maybe days – this gives them a chance to adjust to outside environment, and grow stronger before they face the outside world! In a similar way, a startup is incubated in Incubation Center, which gives them a chance to bring their business in shape, before they reach out to the world.

OBJECTIVES:

1. To create jobs, wealth and business aligning with national priorities
2. To promote new technology/knowledge/innovation based startups.
3. To provide a platform for speedy commercialization of technologies developed by the host institution or by any academic/technical/R&D institution
4. To build a vibrant startup ecosystem, by establishing a network between academia, financial institution, industries and other institutions.
5. To provide cost effective, value added services to startups like mentoring, legal, technical, intellectual property related services.

VISION:

Incubation Centre is a space for new age entrepreneurs and young minds to transform their innovative ideas into viable business propositions. Our primary vision is to facilitate a platform for a budding entrepreneur to start a business venture with minimum risks. Incubation will ensure that incubates have access to technological assistance which will be generated through mentors with multidisciplinary expertise. We encourage young enthusiasts with creative pursuits with an inherent zeal to be entrepreneurs to take advantage of this novel initiative.

MISSION:

The mission of Incubation Centre is to nurture and empower the next generation entrepreneurs to serve the local problems. The students, alumni of JCTCET, local industries and also students of the Coimbatore district can come up with their ideas which might lead to the startup.

SAILENT FEATURES:

1. To encourage Entrepreneurship and innovation and incubation of ideas.
2. To support the incubation of around 5 projects each year.
3. Each project will be executed by a team of entrepreneurs (students/alumni/ Industry)
4. Each project will be given infrastructural support such as workspace, internet etc.
5. The program will cater to the projects that solve problems and find solution to local needs (district and state) rather than global problems and needs.
6. To facilitate the students to get internships through the companies which are under incubation.

Faculty In-Charge **Dr.K.Geetha**

JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
PICHANUR, COIMBATORE.641105

INDUSTRY INSTITUTE PARTNERSHIP CELL

20/04/2024

Sl. No	Name & Designation	Category
1.	Dr. S. Venkatesh Babu HoD/Petroleum Engineering	Convener
2.	Mr. G. Arumugam Committee Member	Member
3.	Mr. K. Janardhanan Assistant Professor/ Petroleum Engineering	Member
4.	Mr.Parthiban Assistant Professor/ Petro Chemical Engineering	Member
5.	Ms.S.Indu Assistant Professor/Food Technology	Member
6.	Mr.Jerrome Assistant Professor/ Bio Technology and Bio Chemical Engineering	Member
7.	Prof. K .Babu Assistant Professor/Electronics and Communication Engineering	Member
8.	Prof. Johny Sebastian Assistant Professor / Computer Science Engineering	Member
9.	Mrs.Bhuvaneswary Assistant Professor/ Computer Science and Business System.	Member
10.	Mr. Arun Assistant Professor/Artificial Intelligence and Data Science	Member
11.	Mr.Hari Assistant Professor/ Civil Engineering	Member
12.	Mr.D.Nagarajan Assistant Professor/ Electrical and Electronics Engineering	Member
13.	Mr.Ashok kumar Assistant Professor (Senior Grade) / Mechanical Engineering	Member

Convener

Dr. S. Venkatesh Babu M.E., Ph.d.,
Professor & Head
Department of Petroleum Engineering
JCT College of Engineering and Technology
Pichanur, Coimbatore.

IIPC

Principal

PRINCIPAL
JCT College of Engineering and Technology
PICHANUR, COIMBATORE - 641 105.

INDUSTRY INSTITUTE PARTNERSHIP CELL

Industry Institute partnership cell (IIPC) is required for enhancing the relationship between the Institution and Industry. The purpose of this cell is to identify the trends and expectations and prepare students for meeting the latest requirements by facilitating internships in leading architectural firms, Organize Seminars, Workshops, Expert Talks and other Training programmers by experts and practicing graduates..

IIPC at JCT College of Engineering & Technology will create an effective contribution to our vision and effectively avoid criticisms of the shortcomings. IIPC at JCT effectively equips our faculty to latest practices and makes the students industry-ready by providing exposure to current industry practices, and hone their skills to adapt changing trends and designs.

Our students will be benefited due to the exposure to current industry practices'; faculty members get sensitized to the latest practices leading them to blend real-time exposure with usual theoretical teaching methods.

JCT College of Engineering & Technology will gain in brand name and reputation through bigger percentage of placement of students, and being a useful partner of Industry through mutual consultancy services. The Industry would gain by getting employees who are already trained as per their expectations, aspirations and needs.

Objectives

The broad objective of the IIPC at JCT is to reduce the gap between industry expectations (practice) and academic limitations by direct involvement of industry.

- Develop close connections between Industry and SICA through interactions
- Bring practicing architects at JCT Disseminating architectural advances through interactions and discussions.
- Training the students through continuing education Programme.
- Publishing and issuing architectural bulletins and newsletters with latest technological developments.
- Organizing seminars, symposium, exhibitions and workshops.

IIPC Activities

- Arranging industrial training for students and faculty members.
- Identifying the opportunities of internships for practical training to our students.
- Tie-ups or M o U' s with Industries.
- Research and development activities with industry.
- Promoting consultancy activities.
- Industrial Visits
- Inviting practicing architects for guest lectures, seminars and expertise sharing.
- Organize lectures, interactive workshops, conferences, seminars; brain storming sessions, technical discussions, consultancy Sessions, training, orientation courses, meetings, visits etc, involving members of the Industry, outside experts, eminent personalities, faculty and students.
- Organize and conduct Field Visits, Industrial Visits inside and outside India, Seminars and workshops by practicing architects.
- Motivate and involve students of JCT in the consultancy activities of IIPC with an aim to transform these graduating architects into professional architects who are industry ready.
- Take up projects from Industry and other funding agencies as consultancy activity.
- Provide technical consultancy services.
- Invite industry experts to deliver lectures in symposia, seminars and conferences organizing exhibitions / model contests / competitions to show case the efforts taken up by the students of JCT
- Encourage entrepreneurial activities among the students.
- Professional consultancy by the faculty to industries.
- Visits of clients, industry executives and practicing architects to JCT for seeing the consultancy works and studios.
- Practical training of students in industries

COORDINATOR
Dr. S.VENKATESH BABU
HOD /Petroleum Engineering
venkateshbabu.s@jct.ac.in
9361455502

JCT College of Engineering & Technology
Pichanur
CBE - 105.

PRINCIPAL

Dr. S.MANOHARAN
PRINCIPAL
JCT College of Engineering and Technology
PICHANUR, COIMBATORE - 641 105.

NATIONAL SERVICE SCHEME (NSS)

Youth Red Cross Society – YRC

The Youth Red Cross Society (YRC) is the most important constituent of its parent organization Indian Red Cross Society.

The main objectives of the YRC movement is based on the principles of protection of health and life, service to the sick and suffering, promotion of national and international friendship to develop the mental and moral capacities of youth.

OBJECTIVE OF YOUTH REDCROSS

- To inculcate in the Youth of our country
- Awareness on the care of their own health and that of others
- Understanding and acceptance of civic responsibilities and acting accordingly with humanitarian concern, to fulfill the same
- To enable the growth and development of a spirit of service and sense of duty with dedication and devotion in the minds of youth
- To foster better friendly relationship with all without any discrimination.

NSS provides an excellent opportunity to the students who desire to serve the community and to develop interpersonal relationships and skills.

Objective of NSS

"Serve the downtrodden in the society" and "Personality Development through Community Service".

Motto

The motto of NSS is "NOT ME BUT YOU". It underlines that the welfare of an individual is ultimately dependent on the welfare of the society as a whole. This expresses the essence of democratic living and upholds the need of selfless service and appreciation of the other man's point of view and also consideration for fellowhuman beings.

Symbol

NSS symbol is based on the "Rath Wheel" of the Konark Sun Temple of Orissa. The giant wheel portrays the cycles of creation, preservation and release and signifies the movement in life across time and space. The design of the symbol, a simplified form of Sun Chariot Wheel primarily depicts movement. The wheel signifies the progressive cycle of life. It also stands for dynamism and progressive outlook of youth.

Red Ribbon Club – RRC

- The RRC unit is functioning effectively in the campus since the year 2012.
- It has 100 volunteers from all the branches.
- The objective of RED RIBBON CLUB is to donate blood.
- Students of RRC have donated blood to various hospitals.

Activities by NSS, RRC and YRC:

- Cleaning Awareness Camp.
- Dengue Awareness Camp.
- Blood Donation Camp
- Campus Cleaning.
- Eye Screening Camp
- Orphanage Home Service

Faculty In-Charge **Prof.SenthilPrabhu**

COMPLAINTS CUM REDRESSAL COMMITTEE

S. No	Name	Category	Present Designation / Occupation	Mobile Numbers	E-mail id	Address
1	Mr. ARUMUGAM G	Faculty	Assistant Professor	9524295829	arumugam.g@jct.ac.in	24/3 Nehru Nagar East Periyar Nagar Ward No35 Civilarorame Po Coimbatore 641014
2	Mrs..KANCHANA DEVI.S	Member	Lady faculmember	9942722220	kanchanadevi.s@jct.ac.in	46/1 Sundakamuthur Main Road Kovaipudur-coimbatore 641042
3	Mr. SURESH KUMAR P	Assistant Professor	Assistant Professo r	9003635367	sureshkumar.p@jct.ac.in	296/1 Thai Nagar Kanchikovil Road PerunuraiErode 638052- Erode 638052
4	Mr.VEDHA VINODHA.D	Faculty	Assistant Professor	9361455506	Vedhavinodha.D@Jct.Ac.I n	Kuruchi Housing Unit, Phaseii-Coimbatore,641021
5	Ms. JANANI VENGATESH	Faculty	Others-Student Counsell or	9097284884	jananideshi14543psg@g mail.com	Trichy Road, Kathir Mills School opp,Ondipudur-Coimbatore
6	Dr. KUMAR A	Member	Professor	9361433307	kumar.a@jct.ac.in	d357,phase ii, kurichi housing, sundarapuram-coimbatore,641021 Coimbatore
7	Ms. RADHIKA	Outside Activist	R Others- Public Medical Practitioner	9865665565	radhikasoubarnika@gmai l.com	48B1, Meenakshi Menar, Arunachalam IInd Street, Saibaba Colony-Coimbatore, 641038
8	Mr.Chandrasekar an.M	Member	Assistant Professor	8248902046	mcsekar@gmail.com	24,BK Garden,Udumai

JCT

JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
PICHANUR, COIMBATORE 641 105

ANTI-RAGGING COMMITTEE

ACADEMIC YEAR 2024-2025

S.No.	NAME	PRESENT DESIGNATION	POSITION	CONTACT NUMBER
1.	Dr. S. Manokaran	Principal	Chairman	9443359438
2.	Tahsildhar	Madukari	member	0422-2622338
3.	Inspector	KG Chavadi Police Station	Member	0422-2656349
4.	Mr. A. Chandrahasan	Admin.officer	Member	9361488801
5.	Mr. G. Arumugam	Manager	Member	9362499903
6.	Dr. K. Geetha	Dean-Academic & (HoD/EEE)	Member	9789650151
7.	Dr. G. Magesh	(HoD/MECH)	Member	9884760815
8.	Dr. V. Murugesh	(HoD/CIVIL)	Member	9994591111
9.	Dr. Justin Jose	(HoD/CSE)	Member	9946464172
10.	Dr. V.J. Arulkarthick	(HoD/ECE)	Member	9361488804
11.	Dr. S. Venkatesh Babu	(HoD/PE)	Member	9364455502
12.	Dr. S. Kavitha	(HoD/PCT)	Member	8925148453
13.	Dr. P. Balamurugan	(HoD/FT)	Member	9585223288
14.	Dr. K. Mohanapandian	(HoD/S&H)	Member	9865296949
15.	Mr. S. Senthil Kumar	Physical Director	Member	7094604250
16.	Mr. J. Sugumar	Parent	Member	9659252334
17.	Mr. K. Nachimuthu	Lab Assistant	Member	9787834830
18.	Mr. K. L. Lawly Clauson	Warden / Boys Hostel	Member	9345003859
19.	Ms. K. Greeshma	Warden / Girls Hostel	Member	6235853690
20.	Mr. S. M. Akshay	Student	Member	9645653274
21.	Ms. S. Gayathri	Student	Member	9025281872

4. Establishment of Internal Committee (IC)

JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

INTERNAL COMPLAINT COMMITTEE

Women Development Cell of JCT college of Engineering and Technology was started in the year (2012-2013) with **204** number of girl students and **64** women staff members both teaching and non-teaching. At present for the academic year (2023-2024) **248** numbers of girl students and 78 women staff members both teaching and non-teaching are in this cell.

The members of the committee for the current academic year **(2023-2024)** are:

Mrs.D.Vedha Vinodha, (Asst.Prof./ECE) Contact number - 8760993236	Convener
Dr. S. Kanchana Devi (AP/S&H) Contact Number: 9942722220	Member
Mrs Malarvizhi (HOD/CSBS) Contact number - 7373245529	Member
Ms. Rupa.M, (Asst. Prof / CSE) Contact number - 8220845053	Member
Ms.MonicaSilvenas.A, (Asst. Prof /PCE) Contact number - 9361437670	Member
Dr.S.Kavitha (HOD/PCE) Contact number - 8925148453	Member
Dr. K. Geetha (HOD/EEE) Contact Number - 9789650151	Member
Mrs.Thahseen Thahir, (Asst, Prof /ECE) Contact number - 9809976995	Member
Ms. D. Subashini Contact Number: 9885480587	Member
Dr.Elizabeth George MBBS., MD., (O&G) (The President of IMA) & (Associated Director at J M Hospital) Thadagam main road, KNG PudurPirivu, Coimbatore-641025	External Member
Dr. C. Sivakumar (ASP/S&H) Contact Number: 8363662282	Member
Dr. V. Murugesh (HOD/CIVIL) Contact Number: 8300652289	Member
Mr. Sureshkumar Contact Number: 9003635367	Member
Ms. Jayasri Contact Number: 9025433851	Member
Mr. Bharath Contact Number: 9042402884	Member

JCT College of Engineering & Technology Pichanur CBE - 105.

PRINCIPAL
JCT College of Engineering and Technology
PICHANUR, COIMBATORE - 641 105.

DEPARTMENT OF CIVIL ENGINEERING

IMPLANT TRAINING

S.No	Academic Year	Number of students Attended
1	2022-2023	14
2	2021-2022	30
3	2020-2021	Nil
4	2019-2020	4
5	2018-2019	6
Total		152

INDUSTRIAL VISIT

S.No	Academic Year	Number of students Attended
1	2021-2022	NIL
2	2020-2021	NIL
3	2019-2020	35
4	2018-2019	40
5	2022-2023	1
Total		93

DEPARTMENT OF PETROLEUM ENGINEERING

Industrial visit

Sl.No	**No. Of student attended Industrial Visit programme**	**No. Of student attended Industrial Visit programme**
1.	25	Mangalore Refinery and Petroleum Ltd (MRPL),Mangalore.
2.	28	Kerala minerals and Metals Pvt.ltd, KollamOilandNaturalgasCorporation-Karaikal
3.	35	Hindustan Petroleum Corporation Ltd- PallakadNagarguna Oil Corporation Ltd- NagapattinamChennaiPetroleumCorporation Ltd
4.	28	Kotrhari Petrochemicals pvt ltd, chennaiCetexpetrochemical,chennai
5.	15	KoldyGas Plant,Kerala
6.	26	KarthikRubber Products,Kerala
7.	15	Mangalore Refinery and Petroleum Ltd (MRPL),Mangalore.
8.	20	Kerala minerals and Metals Pvt.ltd, KollamOilandNaturalgasCorporation-Karaikal
9.	10	Hindustan Petroleum Corporation Ltd- PallakadNagarguna Oil Corporation Ltd- NagapattinamChennaiPetroleumCorporation Ltd
10.	05	Kotrhari Petrochemicals pvt ltd, Chennai Cetex petrochemical, chennai
11.	04	BSES,kerala,
12.	10	ONGC-Safetylab, Goa.
13.	05	ONGC-Ahamedabad.
14.	65	Regional GeoscienceLab,ONGC-Chennai
15.	10	Bharath Petroleum corporation Ltd, Mumbai

IMPLANT TRAINING

S. No	**Academic Year**	**Number of students Attended**
1	2021-2022	120
2	2017-2018	115
3	2018-2019	93
4	2019-2020	87
5	2020-2021	98
Total		513

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

S.No	No. Of student attended Internship programme	No. Of student attended Industrial Visit programme	Name Of the Organization or Industry	Total no of student participated
1	2	30	Panamon Technologies Pvt Ltd,Chennai.	32

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

IMPLANT TRAINING

S. No	Academic Year	Number of students Attended
1.	2021-2022	NIL
2.	2020-2021	10
3.	2019-2020	06
4.	2018-2019	NIL
5.	2022-2023	25
Total		85

INDUSTRIALVISIT (last Five years)

S.No	Academic Year	Number of students Attended
1	2017-2018	92
2	2018-2019	33
TOTAL		125

DEPARTMENT OF FOOD TECHNOLOGY

INDUSTRIALVISIT

S. No	Academic Year	Number of students Attended
1	2021-22	47
2	2019-20	21
3	2018-19	85
Total		153

DEPARTMENT OF MECHANICAL ENGINEERING

IMPLANT TRAINING

S.No	Academic Year	Number of students Attended
1.	2021-2022	NIL
2.	2020-2021	10
3.	2019-2020	20
4.	2018-2019	25
5.	2022- -2023	30
Total		85

INDUSTRIAL VISIT (last Five years)

S.No	Academic Year	Number of students Attended
1	2017-2018	70
2	2018-2019	60
TOTAL		130

DEPARTMENT OF MECHANICAL ENGINEERING

Sl. No	NAME OF FACULTY	TOPIC	JOURNAL	YEAR
1	Mr.P.Sureshkumar	Enhancement of corrosion behaviour of AL6061-B4C-RHA reinforced hybrid composite	Elsevier	2020
		Mechanical Properties And Tribological Behaviour Of Reinforced Aluminium Metal Matrix Composites	International Journal of Recent Technology and Engineering	2020
		Automobile security Technology and Progression	Pensee	2021
		E bike design and self charging techniques	Pensee	2021

DEPARTMENT OF CIVIL ENGINEERING

Publications out of research

Sl No	Name of the faculty	Topic	Journal	year
1	Dr.A.KUMAR	Experiential Investigation On Rcc Column By Partial Replacement Of Cement By Ceramic Tile Powder	IJRASET	2017
2	Dr.V.Murugesh	Experimental Study On Strength Of Water Hyacinth Ash Partial Replacement Of Cement In Concrete	IJRASET	2017
3	Mr.M.Sadhasivam	Experimental Investigation On Stabilization Of Block Cotton Soil By Using Lime Rubber Chips	IJSER	2020
4	Mr.P.Balachandiran	Experimental Investigation Of Partial Replacement Of Cement With Marble Powder And Fine Aggregate with glass powder	IJSER	2020
5	Dr.V.Venugopalan	Experimental Investigation On Concrete With Steel	IJSER	2020

		Fiber And Study Of The Mechanical Properties Of Recycled Aggregate Concrete		

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

S.No.	Name Of The Faculty	Published Title	Journals Title	Publisher	Impact Factor	Indexed
1.	Dr.G.Rajiv Suresh Kumar	Native Hadoop Based Enhanced Cloud Architecture in biomedical industry	International Journal of Advance Research in Science and Engineering Volume no.06, Dec 2017	Open Access	2.8	Google scholar
2.	K.Malarvizhi	Delay analysis using dynamic scheduling and congestion control for multi-hop wireless networks	Perspectives in Information science 2017	Open Access	2.5	Google scholar
3.	B.BijuBalakrishnan	Performance Evaluation of M-array Digital Pulse Amplitude Signalling Scheme	International Journal of Electronics Electrical and Computational System IJEECS ISSN 2348-117X Volume 6,Issue 12 December 2017	Open Access	4.2	Google scholar
4.	K .Sivakumar	Native Hadoop Based Enhanced Cloud Architecture in biomedical industry	International Journal of Advance Research in Science and Engineering Volume no.06,),Dec 2017	Open Access	2.8	Google scholar
5.	K.Sivakumar	Enhancing the Security of Caesar Cipher Substitution Method using a transposition technique for more Secure Communication	International journal of Computer science and Engineering Technology(IJCSET)	Open Access	0.97	Google scholar

6.	K.Sivakumar	Efficient Cloud Computing with Secure Data Storage Using AES and PGP Algorithm	International Journal of Computer Science and Information Technologies	Open Access	3.2	Google scholar
7.	K.Sivakumar	Fault Detection and Correction of Error in the Database Using ARQ Algorithm.	International Journal of Scientific Engineeringand Technology Research	Open Access	1.6	Google scholar
8.	K.Sivakumar	Review on-Exploring the Limitations and Challenges of large Scale cloud computing	International Journal of Engineering Research and Technology(IJERT)	ESRSA	5.5	Research Gate, Google scholar
9.	K.Sivakumar	Distributed System Framework for Mobile Cloud Computing	Bonfring International Journal of Research in Communication Engineering.Vol.8,no.1,February 2018	Open Access	0.5	Google scholar
10.	K.Sivakumar	Enhance the Security of the Cloud Computing with Triple AES,PGP,OVER SSL Algorithms	International Journal of Engineering Science & Research Technology February 2018	Open Access	5.1	Google scholar
11.	K.Jason	An Assessment of Quality of Service and Network Security in IP Based Communication Networks	Indo-Iranian Journal of Scientific Research (IIJSR), ISSN: 2581-4362 Volume-2 Issue-1 January-March 2018	Open Access	1.3	Google scholar
12.	M.J.Delsey	Distributed System Framework for Mobile Cloud Computing	Bonfring International Journal of Research in Communication Engineering.Vol.8,no.1,February 2018	Open Access	0.5	Google scholar
13.	M.J.Delsey	Enhance the Security of the Cloud Computing with TripleAES,PGP,OVER SSL Algorithms	International Journal of Engineering Science & Research Technology February 2018	Open Access	5.1	Google scholar
14.	M.J.Delsey	Efficient Cloud Computing with Secure Data Storage Using AES and PGP Algorithm	International Journal of Computer Science and Information Technologies	Open Access	0.9	Google scholar

15.	M.Ravikumar	An Assessment of Quality of Service and Network Security in IP Based Communication Networks	Indo-Iranian Journal of Scientific Research (Iijsr), ISSN: 2581-4362 Volume-2 Issue-1 January-March 2018	Open Access	1.3	Google scholar
16.	R.Tharani	Enhancing the Security of Caesar Cipher Substitution Method using a transposition technique for more Secure Communication	International journal of Computer science and Engineering Technology(IJCSET)	Open Access	0.9	Google scholar
17.	R.Tharani	Algorithm is Based on Ant Colony Optimization using Grid Simulator	Global Research and Development journal for Engineering April 2018	Open Access	1.5	Google scholar
18.	M.Rupa	Review on-Exploring the Limitations and Challenges of large Scale cloud computing	International Journal of Engineering Research and Technology(IJERT)	ESRSA	5.5	Research Gate, Google scholar

S.No.	Name Of The Faculty	Published Title	Journals Title	Publisher	Impact Factor	Indexed
1	K.Jason	Assessment of Greenhouse Gases and Parameters using Wireless Sensor Network	Asian Journal of Applied Science and Technology Volume 1,Issue1, Pages 42-46,February 2017	Online	1.8	Research Gate, Google scholar
2	K.Jason	Enhanced Hybrid Clustering Scheme for Dense Wireless Sensor Networks	Asian Journal of Applied Science and Technology Volume 1,Issue1, Pages 42-46,February 2017	Online	1.8	Research Gate, Google scholar
3	G.DeebanChakkarawarthy	Evaluation of Scalable and Effectual clustering Architecture For Dense wireless	Asian Journal of Applied Science and Technology Volume 1,IssueIII, ISSN-2456-883,April 2017	Online	1.8	Research Gate, Google scholar
4	G.DeebanChakkarawarthy	Student Safety Security Innovation	IJARTET,Volume4,special issue 19,March 2017	DOI	5.3	Google scholar, Web of science
5	M.Ravikumar	Evaluation of Scalable and Effectual clustering Architecture For Dense wireless Sensor Networks	Asian Journal of Applied Science and Technology Volume 1,IssueIII, ISN-2456-883,April 2017	Online	1.8	Research Gate, Google scholar

6	M.Ravikumar	A Novel hybrid clustering scheme for interconnecting large scale wireless sensor networks	Asian journal of applied science and technology (ajast), issn: 2456-883x volume-1 issue-3 april 2017	Online	1.8	Research Gate, Google scholar	

S.No.	Name Of The Faculty	Published Title	Journals Title	Publisher	Impact Factor	Indexed
1	Dr.G.Rajiv Suresh Kumar	Cluster Initialization in Dense Distributed Wireless Sensor Networks Using Jumping Ants	The Research Journal vol.2 Issue 3 may-june 2016	Online	4.12	Research Gate, Google scholar
2	Dr.G.Rajiv Suresh Kumar	A Novel Hybrid Clustering Scheme for Interconnecting Large Scale Wireless Sensor Networks	International journal of current engineering and scientific research (IJCESR), ISSN: 2393-8374, Vol- 2 issue-12, December2015	TROINDIA	0.9	Research Gate, Google scholar
3	K.Sivakumar	Trusted Cloud Computing Methods using to Protected File Encryption Performance	International Journal of Scientific Engineering and Applied Science(IJSEAS)-Volume-2,Issue-3,March 2016	Online	4.2	Google scholar
4	K.Sivakumar	LBMPSO Algorithm for Balancing the Load in Grid Environment	International Journal of Engineering Research &Technology(IJERT)COCODANTR'16 Conference Proceedings	ESRSA	5.5	Research Gate, Google scholar
5	K.Sivakumar	A Hierarchical Fuzzy Relational Clustering Algorithm for Sentence Level Text Clustering	International Journal of Engineering Research and Sports Science	-	2.6	Google scholar
6	K.Jason	Cluster Initialization in Dense Distributed Wireless Sensor Networks Using Jumping Ants	The Research Journal vol.2 Issue 3 may-june 2016	Online	4.12	Research Gate, Google scholar
7	K.Jason	The Study of Low Energy Adaptive Clustering Hierarchy and Further	The Research Journal vol.2 Issue 3 may-june 2016	Online	4.12	Research Gate, Google scholar

		Developments				
8	G.Deeban Chakkarawarthy	Real-world applicationscenarios and their corresponding issues towards cluster formation in hybrid WSNs	International journal of current engineering and dscientific research,ISSN:2393-8374 vol-3 issue-2 Feb 2016	TROINDIA	0.8	Google scholar, Thomson
9	R.Tharani	Balanced Ant ColonyOptimization Algorithm for Job Scheduling in Grid Computing	COCODANTR'16 IJERT Conference Proceeding Volume.4,Issue.11	-	-	-
10	M.Ravikumar	Real-world applicationscenarios and their corresponding issues towards cluster formation in hybrid WSNs	International journal of current engineering and dscientific research,ISSN:2393-8374 vol-3 issue-2 Feb 2016	TROINDIA	0.8	Google scholar, Thomson

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

S.NO	Name of the Faculty	Title of the research article	Name of the journal the article published
1.	Dr.K.Geetha	Design of D shaped Plasmon – Photonic crystal fiber for Bio Sensing Application	Elsevier, Results in Physics
2.	V.Jethose	Modelling and simulation of bidirectional AC-DC power converter	IEEE-Explorer (ICISC)
3.	C.Sakthivel	Modelling and simulation of bidirectional AC-DC power converter	IEEE-Explore (ICISC)
4.	C.Sakthivel	Power quality improvement using DVR based on DFCM converter	Journal of Advanced research in dynamic and control systems
5.	C.Sakthivel	Dynamic Voltage Control of Dynamic Voltage Restorer for Power Quality Improvement	Journal of Signal Processing and Wireless Networks
6.	C.Sakthivel	Hybrid system using PEMFC	Journal of Advanced research in dynamic and control systems
7.	S.Manikandan	Hybrid system using PEMFC	Journal of Advanced research in dynamic and control systems
8.	J.Priyadharshini	Hybrid system using PEMFC	Journal of Advanced research in dynamic and control systems
9.	V.Jethose	Utilization of Auxiliary Winding Power to Improve thePerformance of A SPIM – A Unique Approach	International Journal of Computational and Theoretical Nano science
10.	V.Jethose	Performance Improvement Of Ceiling Fan Motor Using Variable Frequency Drive With SEPIC Converter	International Journal of Pure and Applied Mathematics
11.	V.Jethose	Position Control of Solar Panel	International Journal of Advance Research in Science and Engineering
12.	V.Jethose	Fuzzy logic in Electrical power system control	International Journal of Global Research and Development Journal for Engineering
13.	V.Jethose	A New Topology power generation system in MPPT	International Journal of Global Research and Development Journal for Engineering

14.	V.Jethose	A Review of Alternate Fuels	International Journal of Global Research and Development Journal for Engineering
15.	V.Jethose	Effective Performance Improvement of SPM using Adjustable Capacitor and Multilevel Inverter	International Journal for Research in Applied Science and Engineering Technology
16.	V.Jethose	Modified SEPIC Convertor based Induction Motor Drive	International Journal for Research in Applied Science and Engineering Technology
17.	Dr.M.Jayaprakash	Fuzzy logic in Electrical power system control	International Journal of Global Research and Development Journal for Engineering
18.	Dr.M.Jayaprakash	Hybrid electric vehicle design systems	International Journal of Global Research and Development Journal for

			Engineering
19.	Dr.M.Jayaprakash	Design of Optimized Network on-Chip for Reliable Communication	International Journal of Global Research and Development Journal for Engineering
20.	S.Manikandan	Novel Transformer Less Adaptable Voltage Quadrupler DC Converter With Closed Loop Control	International Journal of Electrical, Electronics and Computer Science Engineering
21.	S.Manikandan	Vehicle security system using Embedded system and GSM Technology	International Journal of Global Research and Development Journal for Engineering
22.	S.Manikandan	A Literature Review of Ocean thermal energy sources	International Journal of Global Research and Development Journal for Engineering
23.	S.Manikandan	Automatic Breaking system in Train using FUZZY Logic systems	International Journal of Global Research and Development Journal for Engineering
24.	S.Manikandan	Design of Optimized Network on-Chip for Reliable Communication	International Journal of Global Research and Development Journal for Engineering
25.	S.Anbuchandran	Hybrid electric vehicle design systems	International Journal of Global Research and Development Journal for Engineering
26.	S.Anbuchandran	Fuzzy logic in Electrical power system control	International Journal of Global Research and Development Journal for Engineering
27.	J.Madheswari	Seven level multilevel inverter for power quality improvement in single phase induction motor	International Journal of Global Research and Development Journal for Engineering
28.	J.Madheswari	Hybrid electric vehicle design systems	International Journal of Global Research and Development Journal for Engineering
29.	G.Ravivarman	Vehicle security system using Embedded system and GSM Technology	International Journal of Global Research and Development Journal for Engineering
30.		Automatic Breaking system in Train using FUZZY Logic	International Journal of Global Research and

	G.Ravivarman	systems	Development Journal for Engineering
31.	S.Umar Muktar	A Fuzzy based Direct Torque Control System to Improve the Induction Motor Performance	International Journal for Research in Applied Science and Engineering Technology
32.	S.Umar Muktar	Vehicle security system susing Embedded syatem and GSM Technology	International Journal of Global Research and Development Journal for Engineering
33.	C.Prakash	Battery Energy Storage System with Hybrid Technology	International Journal of Global Research and Development Journal for Engineering
34.	C.Prakash	Design of Optimized Network on-Chip for Reliable Communication	International Journal of Global Research and Development Journal for Engineering
35.	C.Sakthivel	Analysis of non- isolated multiport single ended primary converter for standalone applications	International Journal of Energies
36.	C.Sakthivel	Automatic Wheelchair using DTMP Technology	International journal of pure and applied mathematics
37.	C.Sakthivel	A seven- Level Inverter with FACTS Capability for Distributed Systems	Journal of Signal Processing and Wireless Networks
38.	C.Sakthivel	Position Control of Solar Panel	International Journal of Advance Research in Science and Engineering
39.	C.Sakthivel	A Wind Power Generating Electricity by Fast Moving Vehicles	International Journal of Global Research and Development Journal for Engineering
40.	C.Sakthivel	Battery Energy Storage System with Hybrid Technology	International Journal of Global Research and Development Journal for Engineering
41.	C.Sakthivel	Advanced Electricity usage via power line communications	International Journal of Global Research and Development Journal for Engineering
42.	C.Sakthivel	Seven level multilevel inverter for power quality improvement in single phase induction motor	International Journal of Global Research and Development Journal for

			Engineering
43.	C.Sakthivel	Automatic Breaking system in Train using FUZZY Logic systems	International Journal of Global Research and Development Journal for Engineering
44.	C.Sakthivel	Vehicle security system susing Embedded syatem and GSM Technology	International Journal of Global Research and Development Journal for Engineering
45.	C.Sakthivel	A Review of Ocean thermal energy sources	International Journal of Global Research and Development Journal for Engineering
46.	C.Sakthivel	Fuzzy logic in Electrical power system control	International Journal of Global Research and Development Journal for Engineering
47.	C.Sakthivel	Hybrid electric vehicle design systems	International Journal of Global Research and Development Journal for Engineering
48.	C.Sakthivel	A New Topology power generation system in MPPT	International Journal of Global Research and Development Journal for Engineering
49.	C.Sakthivel	A Review of Alternate Fuels	International Journal of Global Research and Development Journal for Engineering
50.	C.Sakthivel	Industrial Application for Water Waste plant in PLC Control systems	International Journal of Global Research and Development Journal for Engineering
51.	C.Sakthivel	Advanced Electricity usage via power line communications	International Journal of Global Research and Development Journal for Engineering
52.	S.Pradeep Kumar	Fuzzy logic in Electrical power system control	International Journal of Global Research and Development Journal for Engineering
53.	S.Pradeep Kumar	A Review of Alternate Fuels	International Journal of Global Research and Development Journal for Engineering
54.	S.Pradeep Kumar	Design of Optimized Network on-Chip for Reliable	International Journal of Global Research and

		Communication	Development Journal for Engineering
55.	V.Kumaresan	Seven level multilevel inverter for power quality improvement in single phase induction motor	International Journal of Global Research and Development Journal for Engineering
56.	V.Kumaresan	Position Control of Solar Panel	International Journal of Advance Research in Science and Engineering
57.	V.Kumaresan	Vehicle security system using Embedded system and GSM Technology	International Journal of Global Research and Development Journal for Engineering
58.	P.Sam Jasper	Seven level multilevel inverter for power quality improvement in single phase induction motor	International Journal of Global Research and Development Journal for Engineering
59.	P.Sam Jasper	A Wind Power Generating Electricity by Fast Moving Vehicles	International Journal of Global Research and Development Journal for Engineering
60.	P.Sam Jasper	Design of Optimized Network on-Chip for Reliable Communication	International Journal of Global Research and Development Journal for Engineering
61.	V.Jethose	Genetic algorithm based sensor less speed control of induction motor drives at zero and low frequency with Resistance estimation.	International Journal of Research in Electrical Engineering
62.	G.Ravivarman	Single-phase h-bridge cascaded 15-level inverter with D- statcom capability for harmonic reduction	International Journal of Trend in research and development
63.	G.Ravivarman	High-voltage gain boost converter in single conversion stage	International Journal of Trend in research and development
64.	J.Madheswari	Single-phase h-bridge cascaded 15-level inverter with D- statcom capability for harmonic reduction	International Journal of Trend in research and development
65.	C.Sakthivel	Direct Torque Control of Induction motor using fuzzy logic	Advances in Natural and applied Sciences
66.	C.Sakthivel	Modified SEPIC Converter with high static gain for Renewable Energy Applications	International Journal of Control Theory and Applications

67.	C.Sakthivel	Design and implementation of a converter model for hybrid electric vehicle energy storage system	International Journal of Control Theory and Applications
68.	C.Sakthivel	Hysteresis Voltage Control of Dynamic Voltage Restorer for Power Quality Improvement	ABHIYANTRIKI An International Journal of Engineering & Technology
69.	S.Pradeep Kumar	Hysteresis Voltage Control of Dynamic Voltage Restorer for Power Quality Improvement	ABHIYANTRIKI An International Journal of Engineering & Technology
70.	S.Pavithra	Hysteresis Voltage Control of Dynamic Voltage Restorer for Power Quality Improvement	ABHIYANTRIKI An International Journal of Engineering & Technology

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self-citations
Performance Analysis of Clustering-Based Topology Generation and disable nodes for NoC	Mr.A.Kalimuthu	International Journal of Computer Sciences and Engineering	2018	2		
Low Power Network-on-Chip Virtual Channel Router Architecture	Mr.A.Kalimuthu	International Journal of Scientific Research and Review	2018	2		
Improve the performance and low power of NoC based Router architecture with error detection and Correction using DMC	Mr.A.Kalimuthu	International Journal of Imaging Science and Engineering	2017	2		
NOC Based Router Architecture Design Through Decoupled Resource Sharing Using CABHR Algorithm	Mr.A.Kalimuthu	International Journal of Reconfigurable and Embedded Systems	2017	2		

Efficient Design of Error Recovery and Improve the Performance Using Mesh of Ring Topology Based NoC	Mr.A.Kalimuthu	International Journal of Advanced Engineering Research and Science	2017	2		

DEPARTMENT OF FOOD TECHNOLOGY

Sl No	Name of the Faculty	Topic	Journal	Year
1	J. Esther Hellan Prasanna Dr.V.Vijayagopal	Development Of Mango And Tomato Paste And It's Physico-Chemical Characterization	International Journal Of Scientific Research In Science And Technology	2020
2	Sangeetha Gandhi S	Utilization Of Moringa Oleifera Leaves And Hordeum Vulgare In Wheat Biscuits	International Journal Of Progressive Research In Science And Engineering	2020
3	Sangeetha Gandhi S	Recent Advances In Apricot Dehydration	International Journal Of Scientific & Engineering Research	2020
4	Sangeetha Gandhi S	Development Of Value Added Wheat Bread By Incorporating Sesbania Grandiflora And Hordeum Vulgare	International Journal Of Innovative Research In Science, Engineering And Technology	2020
5	Sangeetha Gandhi S	An Overview On Pulp And Paper Manufacturing Process And Its Waste Treatment	International Journal Of Scientific & Engineering Research	2020
6	Sangeetha Gandhi S	Review On Sea Foods And Their Preservation Techniques	International Journal Of Engineering Applied Science And Technology	2020
7	Neethu.C.S Gowthami.S	Development Of Calcium Rich Candy From Fish Bone Powder	International Journal Of Scientific And Research Publications	2020
8	Ruth Keziah .M	Study Of Expression Profile Of	Pensee Journal	2020

		Genes/Proteins In		

		Chondrocyte Differentiation Using Microarray Data Analysis		
9	Sangeetha Gandhi S	Study Of Expression Profile Of Genes/Proteins In Chondrocyte Differentiation Using Microarray Data Analysis	Nanomaterials: Application In Biofuels And Bioenergy Production Systems	2020
10	Neethu.C.S	Development Of Herbal And Spiced Paneer	International Research Journal Of Engineering And Technology (Irjet),	2020
11	Ruth Keziah .M	Chemical Analysis Of Water Hyacinth Ash By Xrd And Sem	Indian Journal Of Advanced Botany	2020

DEPARTMENT OF MECHANICAL ENGINEERING

Sl No	Name of the Faculty	Topic	Journal	Year
1.	K.Karthick	Material Characterization And Unconventional Maching Of Tantalum Carbide Based Stir Casted Vitalium Metal Matrix Composite	International Journal Of LatestTrends In Engineering And Technology	2020
2.	I.J.Isaac Prem Kumar	An Investigation On Piston Structure Analysis Related With Experimental Cylinder PressuresUsing Different Bio-Deisel Blend Ratios	International Journal Of LatestTrends In Engineering And Technology	2020
3.	S.Thillaikani	Failure Analysis OfShackle Bracket InAirbus Suspension Under Dynamic Loading Conditions	International Journal Mechanical And Production Engineering	2020

4.	I.J.Isaac Prem Kumar	Performance Analysis Of Fin Tube Evaporator Using Various Refrigerants	International Journal Of LatestTrends In Engineering And Technology	2019
5.	M.Vijayakumar	An Experimental Investigation AndCFD Analysis Of Flat Plate Solar Collector With Reflector	International Journal Of LatestTrends In Engineering And Technology	2019
6.	Dr.G.Ramesh	Recovery Of Propylene Rom Lpg	International Journal Of LatestTrends In Engineering And Technology	2018
7.		Total Quality Management	Book Publication	2017

DEPARTMENT OF PETROCHEMICAL ENGINEERING

Sl No	Name of the faculty	Topic	Journal	year
1.	Dr.S.Kavitha	Removal Of Contaminants From WasteWater By Using Murrayakoenigii Nanoparticle.	Materials Today Proceedings	2022
2.	Dr.S.Kavitha		Chemical Engineering Technology	2022
		Preparation Of Anti-Immunodeficiency Pills By The Herbal Solution	Research JournalOf Pharmacy And Technology	2021
3	Dr.S.Kavitha	Remidiation Of Cr(VI)From Wastewater	Materials Science Engineering	2021
3.	Dr.S.Kavitha	Selection Of Suitable Adsorbent For The RemovalOf Cr(VI) By Using Objective Based Multiple Attribute Decision MakingMethod	Preparative Biochemistry And Biotechnology	2020

4	Dr.K.Balasubramani	Adsorptive Removal Of Noxious Atrazine Using Graphene Oxide Nanosheets: Insights To Process Optimization, Equilibrium, Kinetics, AndDensity Functional TheoryCalculations	Journal Of Environmental Research	2020
5	Dr.K.Balasubramani	Process Intensification And Comparison Of Bioethanol Production From Food Industry Waste (Potatoes) By Ultrasonic Assisted Acid Hydrolysis And Enzymatic Hydrolysis: Statistical Modelling And Optimization	Biomass And Bioenergy	2020
6	J.Saravanan	Cloud Point Extraction Of Remazol Turquoise Blue G-133 Dye Using NonionicSurfactant	Journal Of Huazhong University Of Science And Technology ISSN-1671-4512 Vol 50 1 Issue 317	2020
7	J Saravanan	Comparative Studies OnUltrasound Assisted Treatment Of Tannery Effluent Using Multiple Oxy-Catalysts Using Response Surface Methodology	Arabian JournalOf Chemistry	2020
8	Dr.S.Kavitha	Biofuel Production UsingIonic Liquids	International Journal Of Chem.Tech Research	2019

DEPARTMENT OF PETROLEUM ENGINEERING

S. No	Name of the faculty	Topic	Journal	year
1	Dr.S.Venkateshbabu	An Analytical Study of The Technological & Managerial Advancements In The SedimentaryBasins of Brazil With Special Emphasis on Campos Basin over A Period of 5 Decades	PENSEE	2020
2	Dr.S.Venkateshbabu	Surface Modified Polymer-Magnetic-Algae Nanocomposite for The Removal of Chromium-Equilibrium And Mechanism Studies	Environmental Research	2021

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Memorandum of Understanding between JCT and Industries

S.No.	Year of MOU Signed	Name of the industry	Domain Area	Contributed
1	27.11.18	Gateway Software Solutions, Coimbatore	Software Training	Guest Lecture, Seminar, Workshop, Inplant training.
2	09-10-18	KG Information System Private Limited, Coimbatore	Software Training	Placement and Value added course
3	01-08-17	Avatar Academy, Erode	Networking	In plant Training Value added course
4	14-07-17	DreamDots Technologies	Website Development	In plant Training Value added course
5	14-07-17	TradeZap Technologies	Website Development	In plant Training Value added course
6	10-07-17	MagnusVista Technologies	Software Training	Research Training and Placement
7	05-01-17	Tech Creations, Bangalore	Web Development	Placement and Center of Excellence
8	14-07-16	JMJ Institute for Software Training	Software Testing	In plant Training Value added course Placement

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Organisation	Date of MoU signed	Purpose and Activities	Organisation
Caliber Embedded Technologies, Coimbatore	13.06.17	This MoU is signed and extended with the objectives of ushering and strengthening better industry-academic linkages for mutual benefit	JCTCET
Megatronics, Coimbatore	01.07.17		JCTCET
Kris Technologies, Coimbatore	02.07.17		JCTCET
Vee Explore Ltd,			

Coimbatore	13.06.17		JCTCET
Hi-Tech Electronics, Trichy	02.07.17		JCTCET

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Si.No	Year of Mou Signed	Name of the Industry	Domain Area	Contributed
01	2018-2019	VEI Technologies,chennai	Electrical Machines	Research, human resource and training, in plant training.
02	2017-2018	IPCS Automation, Coimbatore	Electrical Machines and Embedded Systems	Research, human resource and training, in plant training.
03	2017-2018	MAS Solar systems Pvt Ltd,Coimbatore	Power Electronics and Power systems	Research, human resource and training, in plant training.
04	2017-2018	Avatar Academy,Erode	Networking and security	Value added course and inplant Training

DEPARTMENT OF FOOD TECHNOLOGY

S.No.	Year of MOU Signed	Name of the industry	Domain Area	Contributed
1	2016	Meenalakshmi Farm products	Agro Foods	Industrial visit
2	2016	Awacare Analytical and ResearchTechnologies	Research	Seminar
3	2022	Sharingo	Food Waste Management	Seminar
4	2022	Moon Foods	Millet Based Products	Industrial visit

DEPARTMENT OF MECHANICAL ENGINEERING

Memorandum of Understanding between JCT and Industries

S.No.	Year of MOU Signed	Name of the industry	Domain Area	Contributed
1.	2022	AIRTAS ENVIRONICSCOMPANY	Mechanical	Research, human resource and training, in plant training.
2.	2017	SATHYA ENGINEERING WORKSPVT LIMITED, COIMBATORE	Mechanical	Research, human resource and training, in plant training.
3.	2017	RAJASEKAR ENGINEERINGWORKS PVT LIMITED, COIMBATORE	Mechanical	Research, human resource and training, in plant training.
4.	2017	SRIAYYAPPA, ENGINEERINGWORKS PVT LIMITED, COIMBATORE	Mechanical	Research, human resource and training, in plant training.

DEPARTMENT OF PETROLEUM ENGINEERING

MOUs With Industries

S.No.	Year of MOU Signed	Name of the industry	Domain Area	Contributed
1	01.06.2016	Southern Automation and Industrial Training Services Pvt Ltd.	Control and Automation	Guest Lecture, Seminar, Workshop, Inplant training.
2	20.10.2016	Maitreya Developers Pvt Ltd	Petroleum Refining	In plant Training Value added course Placement
3	16.11.2016	Advance Petrochemicals Pvt ltd	Petroleum Refining	In plant Training Value added course
4	14.12.2016	GSL Nova Petrochemicals Pvt Ltd	Petroleum Refining	In plant Training Value added course
5	19.12.2016	IG Petrochemicals Pvt Ltd	Petroleum Refining	Placement and Value added course
6	22.11.2018	V Land's Best Hub Pvt.Ltd	Control and Automation	Research Training and Placement
7	14.12.2018	Energivo oil & gas, Vizag	Establishment of center of excellence and international cooperation	Placement and Center of Excellence
8	21.9.2021	PETRO GANG PAINTS	Petrochemicals	Research Training and Placement
9	3.10.2021	SRILUCk Paints	Petrochemicals	Research Training and Placement

BEST PRACTICES ADOPTED

Utilization of the following by students and faculty

- JCT Learning application
- ERP
- NPTEL
- Department Library
- Smart classrooms
- Automotive Labs, Language lab, Computer Labs, etc.
- Centralized Digital library

Good Practices

- Attending the Guest/Expert lectures
- Using Audio Visual aids
- Institute/Industrial visits
- Internships
- Attending conferences, delivering seminars
- Participation in technical activities
- Motivate students to prepare for Govt Exams.
- Training Programs

Learning beyond syllabus:

- Access to digital resources such as e-books J-Gate ,IEEE
- Attending Expert Lectures
- Involvement in demonstration of newly purchased software
- Visit to Automotive industries

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ANTI-RAGGING COMMITTEE

31.07.2023

ACADEMIC YEAR (2023-2024)

S.No.	NAME	PRESENT DESIGNATION	POSITION	CONTACT NUMBER
1.	Dr. S. Manokaran	Principal	Chairman	9443359438
2.	Tahsildhar	Madukari	member	0422-2622338
3.	Inspector	KG Chavadi Police Station	Member	0422-2656349
4.	Mr. A. Chandrahasan	Admin.officer	Member	9361488801
5.	Mr. G. Arumugam	Manager	Member	9362499903
6.	Dr. K. Geetha	Dean-Academic & (HoD/EEE)	Member	9789650151
7.	Dr. G. Magesh	(HoD/MECH)	Member	9884760815
8.	Dr. V. Murugesh	(HoD/CIVIL)	Member	9994591111
9.	Dr. Justin Jose	(HoD/CSE)	Member	9946464172
10.	Dr. V.J. Arulkarthick	(HoD/ECE)	Member	9361488804
11.	Dr. S. Venkatesh Babu	(HoD/PE)	Member	9364455502
12.	Dr. S. Kavitha	(HoD/PCT)	Member	8925148453
13.	Dr. P. Balamurugan	(HoD/FT)	Member	9585223288
14.	Dr. K. Mohanapandian	(HoD/S&H)	Member	9865296949
15.	Mr. S. Senthil Kumar	Physical Director	Member	7094604250
16.	Mr. J. Sugumar	Parent	Member	9659252334
17.	Mr. K. Nachimuthu	Lab Assistant	Member	9787834830
18.	Mr. K. L. Lawly Clauson	Warden / Boys Hostel	Member	9345003859
19.	Ms. K. Greeshma	Warden / Girls Hostel	Member	6235853690
20.	Mr. S. M. Akshay	Student	Member	9645653274
21.	Ms. S. Gayathri	Student	Member	9025281872

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CBE - 105.

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SC/ST COMMITTEE

S.No.	Name	Category	Contact
1	Dr.S.Manoharan	Principal/ Member	9443359438
2	Dr.k.Geetha	Member	9789650151
3	Dr.G. Gnanavel	Member	8015429613
4	Mr.K.Rajkumar	Member	9087300166
5	Mr.K.Babu	Member	9629230655
6.	Mrs.S.Revathi	Member	9600787030

23/8/25

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ACCREDITED BY NBA ACCREDITED Engineering 4 Courses PCE | EEE MECH | CSE NAAC A GRADE

SC/ST COMMITTEE

Minutes of meeting

First Semester

- The SC/ST cell was formed with five members.
- The chairman put forth the aims and objectives of this committee.
- Cell discussed about various scholarships given to the students.
- Information was taken about admission of SC and ST students.

Second Semester

- The review of issues discussed in previous meetings was taken.
- Cell gives necessary information given to the office staff regarding SCand ST students.
- Follow up of scholarships was taken.
- Follow up of scholarship forms was taken by the committee members.

23/8/23

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INTERNAL COMPLAINT COMMITTEE

Women Development Cell of JCT college of Engineering and Technology was started in the year (2012-2013) with **204** number of girl students and **64** women staff members both teaching and non-teaching. At present for the academic year (2023- 2024) **248** numbers of girl students and 7**8 w**omen staff members both teaching and non-teaching are in this cell.

The members of the committee for the current academic year **(2023-2024)** are:

Mrs.D.Vedha Vinodha, (Asst.Prof./ECE)Contact number - 8760993236	Convener
Dr. S. Kanchana Devi (AP/S&H) Contact Number: 9942722220	Member
Mrs Malarvizhi (HOD/CSBS) Contact number - 7373245529	Member
Ms. Rupa.M, (Asst. Prof / CSE) Contact number - 8220845053	Member
Ms.MonicaSilvenas.A, (Asst. Prof /PCE)Contact number - 9361437670	Member
Dr.S.Kavitha (HOD/PCE) Contact number - 8925148453	Member
Dr. K. Geetha (HOD/EEE) Contact Number - 9789650151	Member
Mrs.Thahseen Thahir, (Asst, Prof /ECE) Contact number - 9809976995	Member
Ms. D. Subashini Contact Number: 9885480587	Member
Dr.Elizabeth George MBBS., MD., (O&G)(The President of IMA) & (Associated Director at J M Hospital) Thadagam main road, KNG PudurPirivu, Coimbatore-641025 Contact number - 9843696090	External Member
Dr. C. Sivakumar (ASP/S&H) Contact Number: 8363662282	Member
Dr. V. Murugesh (HOD/CIVIL) Contact Number: 8300652289	Member

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Mr. Sureshkumar Contact Number: 9003635367	Member
Ms. Jayasri Contact Number: 9025433851	Member
Mr. Bharath Contact Number: 9042402884	Member

23/8/23

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Ref. No: JCT/WEC-POSH/2023-2024/03 04 .10.2023

WOMEN EMPOWERMENT & PoSH CELL

CIRCULAR

Women Empowerment & PoSH Cell Meeting will be conducted on 08.10.2023 by 3:00 pm at library. All the committee members are expected to be present for the meeting to give their valuable suggestions for the improvement of cell and to plan the activities for this Even semester (2023-2024).

WEC & PoSH Cell Convenor

Principal

Copy to

- Trust office
- Administrative Officer
- Director -IQAC
- Dean-Academics & Research
- All HOD's
- Librarian
- Placement
- Office
- Dy.Wardens-(Boys & Girls Hostel)
- PD
- CCF
- Exam cell
- All Notice boards
- File

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Name of the Meeting: WOMEN EMPOWERMENT CELL MEETING	**Ref. No:**2023-2024/04
Venue: Library	**Date:** 08/10/2023

Minutes of Meeting: WOMEN EMPOWERMENT CELL MEETING 2023-2024

Members Present:

1) Ms.D.Vedha Vinodha - Asst, Prof /ECE **(CONVENOR)**
2) Dr. K. Geetha (HOD/EEE)
3) Dr. S. Kavitha (HOD/PCE)
4) Mrs. Malarvizhi, (HOD/CSBS)
5) Dr. S. Kanchana Devi (AP/S&H)
6) Ms. MonicaSilvenas. A (AP /PCE)
7) Mrs.Thahseen Thahir, (AP/ECE)
8) Ms. D. Subashini (Member)

S.No.	Points Discussed
1.	The Head of the Cell welcomed the members of Women Empowerment cell Committee. The structured composition of WOMEN EMPOWERMENT CELL Committee was presented.
2.	Planning of activities for odd semester was discussed and Name list of female students & teaching, non-teaching faculties were asked to submit.
3.	ICC Committee formation and member for this Academic year was selected
4.	Department coordinators were asked to monitor well begin of girl students and female coordinators inside the campus and a special programme was planned to conduct this month especially for First year girl students.
5.	Finally WEC Convenor, thanked the members of the committee who had assembled for reviewing the cell and the meeting was concluded

D. Vedha Vinodha
CONVENOR-WEC

Ms.D.Vedha Vinodha

8/10/23.
Principal

Dr. S. Manoharan

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