National Institute of Technology, Tiruchirappalli - 620 015
Tamilnadu, India

Instructions to the candidates shortlisted for Written Test for Temporary Faculty position

The written test for shortlisted candidates is scheduled on **14.07.2013(Sunday).** The duration of the test will be for **one hour from 10.30 a.m. to 11.30 a.m. on 14.07.2013**. The syllabus for the written test of the concerned department is available from page no 27-51.

The candidates are requested to be present in the test venue half-an-hour before test i.e.by 10 a.m. on 14.07.2013. The candidates are requested to produce a valid Photo ID proof at the time of written test.

The written test would be conducted at two centers, one at **NIT, Tiruchirappalli and another one at Jawaharlal Nehru Government Polytechnic College (JNGP), Near TV Studio, Ramanthapur, Hyderabad-500013.** The candidates can prefer any one of the centre for written test. However, candidates are requested to intimate their choice of preference for written test centre to the email: deanfw@nitt.edu on or before 11-07-2013.

After the written test, the candidates will be shortlisted and then they will be called for oral presentation on the topic of their interest (to test communication skills) and interview. The oral presentation and interview will be held at NIT, Tiruchirappalli. The date and time for this oral presentation and interview will be put up in our website www.nitt.edu

The duly filled and signed data sheet (see page 2) be scanned and this scanned copy be sent to the email: deanfw@nitt.edu on or before 12.07.2013 .

Also, the following attested copies of certificates should be produced along with the filled copy of data sheet at the time of written test on 14.07.2013.

1. Proof of educational qualification (UG, PG, PhD)
2. Proof of GATE/NET/SLET
3. Proof of community certificate (OBC/SC/ST/PwD)

Please note the following:

1. No TA/DA will be paid for attending the written test.
2. The request for change of date will not be entertained.
3. The invitation is a mere request to appear for written test and does not assure that he/she will be recommended or selected.
4. The decision of the selection committee of the institute is final.

NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI-620 015
OFFICE OF DEAN(FW)

DATA SHEET FOR TEMPORARY FACULTY

(To be filled by the candidate and should be submitted during written test)

Post applied for : Temporary Faculty in Department of _____

Choice of Written Test Center (Tiruchirappalli / Hyderabad) : _____

<table>
<tr><th colspan="8">Details of Applicant</th><th>Remarks</th></tr>
<tr><td>1.</td><td colspan="3">Name and Address (with Email and Mobile No.)</td><td colspan="4"></td><td></td></tr>
<tr><td>2.</td><td colspan="3">Age/Date of Birth*</td><td colspan="4"></td><td></td></tr>
<tr><td>3.</td><td colspan="3">Category*: (SC/ST/OBC/PwD/UR)</td><td colspan="4"></td><td></td></tr>
<tr><td>4.</td><td colspan="3">Educational Qualifications:</td><td colspan="4"></td><td></td></tr>
<tr><td rowspan="4"></td><td>Degree</td><td>Specialization</td><td>University</td><td>% of marks* /CGPA *</td><td>Class*</td><td>Year</td><td></td></tr>
<tr><td>UG</td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td>PG</td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td>Ph.D.</td><td></td><td></td><td colspan="2">Completed / Not Completed</td><td></td><td></td></tr>
<tr><td>5.</td><td colspan="3">GATE Score *</td><td colspan="4"></td><td></td></tr>
<tr><td>6.</td><td colspan="3">Have you cleared NET / SLET*</td><td colspan="4"></td><td></td></tr>
<tr><td>7.</td><td colspan="3">Place:
Date:</td><td colspan="5">Signature of the Applicant</td></tr>
</table>

Note: This data sheet has to be filled and signed by the candidate. The scanned copy of this signed sheet be mailed to deanfw@nitt.edu on or before 12.07.2013 and the hard copy of this sheet with necessary *attested copies of the certificate should be submitted during written test on 14.07.2013.

NATIONAL INSTITUTE OF TECHNOLOGY : TIRUCHIRAPPALLI – 620 015

DEAN (FACULTY WELFARE)

List of Candidates Short Listed For Written Test

DEPARTMENT OF ARCHITECTURE

SL.NO	Application No.	NAME	Place and state
1.	TF/AR/13/002	Mrs.Parvathy Kartha P	Trichy, Tamilnadu
2.	TF/AR/13/003	Ritu shrivastava	Gwalior , MP

DEPARTMENT OF CEESAT

SL.NO	Application No.	NAME	Place and state
1.	TF/CEESAT/13/001	SURESH. J	Chidambaram,
2.	TF/CEESAT/13/002	K. Sridevi	Chidambaram,
3.	TF/CEESAT/13/003	VAISHNAVI L	Villupuram,
4.	TF/CEESAT/13/004	Dr. S. Senthil kumar	Trichy, Tamilnadu
5.	TF/CEESAT/13/005	Ashitha Gopinath	Palakad, Kerala
6.	TF/CEESAT/13/006	P. Murugan	Pudhucherry
7.	TF/CEESAT/13/007	D.V. Siva Krishnan rao	West Godavari, A.P
8.	TF/CEESAT/13/008	Dr. P. BALASUBRAMANIAN	Rajapalayam,
9.	TF/CEESAT/13/009	MEENA.S	Thanjore, Tamilnadu
10.	TF/CEESAT/13/010	S.SUJITHRA	Kancheepuram,
11.	TF/CEESAT/13/011	FENILA F.	Kanyakumari,
12.	TF/CEESAT/13/013	Pramila M	Pudukkotai,
13.	TF/CEESAT/13/014	Indulekha John	thrissur , Kerala
14.	TF/CEESAT/13/016	Sathiya T	Perambalur,
15.	TF/CEESAT/13/017	M.Rajkumar	Puthukottai, Tamil
16.	TF/CEESAT/13/018	J.Divya Roselin	Nagarcoil, Tamil
17.	TF/CEESAT/13/019	Srinivasa Rao Ganta	Guntur, AP
18.	TF/CEESAT/13/020	Komal ambarrao selokar	Nagpur, Maharastra
19.	TF/CEESAT/13/021	N. Jothi	Tirunelvelli, Tamil
20.	TF/CEESAT/13/022	Dr. Vijayan Gurumurthy Iyer	Chennai, Tamilnadu
21.	TF/CEESAT/13/023	N. Kalaiselvan	Thiruvarur, Tamil

DEPARTMENT OF CHEMICAL

SL.No.	Application No.	NAME	Place and state
1.	TF/CHL/13/002	Srinivas Tadepalli	Guntur, AP
2.	TF/CHL/13/004	Pradeep Kumar Sow	New Delhi
3.	TF/CHL/13/005	Eswara Reddy Y	Hyderabad, AP
4.	TF/CHL/13/006	Soubhik Kumar Bhaumik	Kolkata, West Bengal
5.	TF/CHL/13/007	Murali Mohan Seepana	New Delhi
6.	TF/CHL/13/008	Bhanupriya	Bangalore, Karnataka
7.	TF/CHL/13/009	Prabisha M	Trichy, Tamilnadu
8.	TF/CHL/13/014	Saravanathamizhan. R	Thanjavur, Tamilnadu
9.	TF/CHL/13/015	Rajkumar M	Pudukottai, Tamilnadu
10.	TF/CHL/13/017	Radhe Shyam	Kanpur, UP
11.	TF/CHL/13/022	Subasis Roy	Parganas, West Bengal
12.	TF/CHL/13/024	Bhuvana Gayathri R	Nagapattinam, Tamilnadu
13.	TF/CHL/13/025	Dhanalakshmi J	Pune, Maharastra
14.	TF/CHL/13/026	Subathira A	Trichy, Tamilnadu
15.	TF/CHL/13/033	Anantharaj	Cuddalore, Tamilnadu
16.	TF/CHL/13/034	Tulika Gaur	Kanpur, UP
17.	TF/CHL/13/038	Demudu Naidu L	Visakhapatnam, AP
18.	TF/CHL/13/039	Naveen Kumar R	Tuni, A.P
19.	TF/CHL/13/040	Jithin Prakash KJ	Chennai, Tamilnadu
20.	TF/CHL/13/041	Sugashini S	Chengam, Tamilnadu
21.	TF/CHL/13/042	Nakeeran E	Chennai, Tamilnadu
22.	TF/CHL/13/043	Krishna Srihari B	Kalpakkam, Tamil Nadu
23.	TF/CHL/13/045	Ambedkar B	Kentucky, USA
24.	TF/CHL/13/048	Anjali Dasari	Guwahati, Assam

DEPARTMENT OF CHEMISTRY

SL.NO	Application No.	NAME	Place and state
1.	TF/CHY/13/004	SASIKUMAR R	Salem, Tamilnadu
2.	TF/CHY/13/005	MUTHUKUMAR C	Chennai, Tamilnadu
3.	TF/CHY/13/007	VAIDEESWARAN S	Trichy, Tamilnadu
4.	TF/CHY/13/008	UMA MAHESWARI P	Trichy, Tamilnadu
5.	TF/CHY/13/009	SARAVANAN.G	Kanchipuram, Tamilnadu
6.	TF/CHY/13/013	SENTHILNATHAN	THANJAVUR, Tamilnadu
7.	TF/CHY/13/014	RAJESH J	Virudhunagar, Tamilnadu
8.	TF/CHY/13/015	BABU M	Madurai, Tamilnadu
9.	TF/CHY/13/019	CHANDRA LEKA S	Trichy, Tamilnadu
10.	TF/CHY/13/020	DINESH KUMAR GUPTA	Allahabad, Uttar Pradesh
11.	TF/CHY/13/026	RIMA DAS	Jaipur, Rajasthan
12.	TF/CHY/13/027	TANMOY KUMAR SAHA	Jaipur, Rajasthan
13.	TF/CHY/13/028	GAJENDRA KUMAR	Bijnor, UP
14.	TF/CHY/13/029	NAGARAJ P	Thiruvallur, Tamilnadu
15.	TF/CHY/13/030	GANESAN M	Kadapa, AP
16.	TF/CHY/13/031	HARIDHARAN N	Chennai, Tamilnadu
17.	TF/CHY/13/032	AHYMAH JOSHY M.I,	Namakkal, Tamilnadu
18.	TF/CHY/13/033	KRISHNA VADDADI	Vizianagaram, AP
19.	TF/CHY/13/034	POONGUZHALI E	Nagapatinam, Tamilnadu
20.	TF/CHY/13/035	SELVAKUMAR K	Virudhunagar, Tamilnadu
21.	TF/CHY/13/037	ABULKALAM AZATH I	Madurai, Tamilnadu
22.	TF/CHY/13/038	MUNIRAJASEKHAR D	Vellore, Tamilnadu
23.	TF/CHY/13/039	GOMATHI SANKAR P	TUTICORIN, Tamilnadu
24.	TF/CHY/13/040	Vasantham K	Pondicherri, TamilNadu
25.	TF/CHY/13/041	Karthikeyan K	Madurai, Tamilnadu
26.	TF/CHY/13/042	Selvakumar M	Trichy, Tamil Nadu
27.	TF/CHY/13/043	Shaik Khaja Lateef	Nellore, AP
28.	TF/CHY/13/045	Balasubramanian N	Trichy, Tamil Nadu
29.	TF/CHY/13/047	Gururaja G N	shimoya, karnataka
30.	TF/CHY/13/048	Kannan. V	mayiladuthurai, Tamil Nadu
31.	TF/CHY/13/050	Arumugam Balasubramanian	hsinchu, Taiwan
32.	TF/CHY/13/052	Gunasundari T	Bangalore, Karnataka
33.	TF/CHY/13/053	Karthikeyan. SV	Madurai, Tamil Nadu
34.	TF/CHY/13/054	Pothiappan Vairaprakash	NC, USA
35.	TF/CHY/13/055	Kesavan Devarayan	Salem, Tamilnadu
36.	TF/CHY/13/057	Komathi. S	Vallore, Tamil Nadu
37.	TF/CHY/13/058	Srimathi. M	Karaikudi, Tamil Nadu
38.	TF/CHY/13/059	Ramachandran. R	Madurai, Tamil Nadu
39.	TF/CHY/13/061	Parthipan. K	Kancheepuram, Tamil Nadu
40.	TF/CHY/13/064	Ann Jasmine Jose	Trichy, Tamil Nadu

41.	TF/CHY/13/065	Arun Kumar. N	Peruva, Kerala
42.	TF/CHY/13/068	Babu. E	Villupuram, Tamilnadu
43.	TF/CHY/13/069	Kandavelu.V	Coimbatore, Tamil Nadu
44.	TF/CHY/13/071	Alexander KR	Thiruthuraipoondi, Tamil Nadu
45.	TF/CHY/13/072	Chinna Ashalu Kashamalla	Warangal, AP

DEPARTMENT OF CSE

SL.NO	Application No.	NAME	Place and state
1.	TF/CSE/13/001	CHITHRA .K.P	Trivandrum, Kerala
2.	TF/CSE/13/002	M.FARIDA BEGAM	Trichy, Tamilnadu
3.	TF/CSE/13/003	N.SIVA SELVAN	Trichy, Tamilnadu
4.	TF/CSE/13/004	K.NANDHINI	Trichy, Tamilnadu
5.	TF/CSE/13/006	ANMOL KUMAR TANK	Near Atta Chaki Raigarh
6.	TF/CSE/13/007	BRAHMANAIDU KAKARLA	Hyderabad, AP
7.	TF/CSE/13/008	SUMAN CHANDRA KHAN	Bangalore, Karnataka
8.	TF/CSE/13/009	S.DHIVYA BHARATHI	Villupuram, Tamilnadu
9.	TF/CSE/13/010	A. MOHANRAJ	Chennai, Tamilnadu
10.	TF/CSE/13/011	NAGANANDHINI P	Chennai, Tamilnadu
11.	TF/CSE/13/012	K.POORANI	Coimbatore, Tamilnadu
12.	TF/CSE/13/013	RAJESH SAINI	Gurgaon, Haryana
13.	TF/CSE/13/014	P.M.C.NISHA	Kanyakumari, Tamilnadu
14.	TF/CSE/13/016	ANBARASAN.A	Salem, Tamilnadu
15.	TF/CSE/13/021	MOHANA DEVI A	Trichy, Tamilnadu
16.	TF/CSE/13/022	M.TEJASWI	Hyderabad, AP
17.	TF/CSE/13/023	MAHENDRAN.P	Coimbatore, Tamilnadu
18.	TF/CSE/13/024	M. DEEPA RANI	Sivagangai, Tamilnadu
19.	TF/CSE/13/025	INDER SINGH MAHAJAN.S	Trichy, Tamilnadu
20.	TF/CSE/13/026	PRABIN S.M	Kanniykumari, Tamilnadu
21.	TF/CSE/13/027	V.C.PRIYADHARSHINI	Chennai, Tamilnadu
22.	TF/CSE/13/029	S.PRAGADEESWARAN	Namakkal, Tamilnadu
23.	TF/CSE/13/030	A.SUGANTHA	Madurai, Tamilnadu
24.	TF/CSE/13/031	EZHILARASI.R	Villupuram, Tamilnadu
25.	TF/CSE/13/032	MONISHA.T.R,	Kanyakumari, Tamilnadu
26.	TF/CSE/13/033	VINOTH.B	Puddukottai, Tamilnadu
27.	TF/CSE/13/035	K. ARUL DEEPA	Theni, Tamilnadu
28.	TF/CSE/13/036	S.NITHYA	Namakkal, Tamilnadu
29.	TF/CSE/13/037	S.SATHAPPAN	Trichy, Tamilnadu
30.	TF/CSE/13/038	GAYATHRIDEVI.M	Tamilnadu
31.	TF/CSE/13/039	JAYACHANDRAN.J	Vellore, Tamilnadu
32.	TF/CSE/13/040	S.POORNAM	Tirunalveli, Tamilnadu
33.	TF/CSE/13/041	ARULJOTHI SUNDARARAJ	Theni, Tamilnadu
34.	TF/CSE/13/042	A.PANDIMADEVI	Chennai, Tamilnadu
35.	TF/CSE/13/044	ANTONY DALYA . S	Chennai, Tamilnadu
36.	TF/CSE/13/045	R.PUVIYARASU	UDUMALPET, Tamilnadu
37.	TF/CSE/13/046	THANGAM.I,	Kanyakumari, Tamilnadu
38.	TF/CSE/13/047	SUGUMAR.N	Namakkal, Tamilnadu
39.	TF/CSE/13/048	RAJESWARI.S	Chennai, Tamilnadu
40.	TF/CSE/13/049	KAVITHA.T	Chennimalai, Tamilnadu
41.	TF/CSE/13/050	PRISCILLA.A	TIRUNELVELI,

42.	TF/CSE/13/051	VINOTHA. A	Cuddalore, Tamilnadu
43.	TF/CSE/13/052	G.SOORIYA PRABHA	Pudhukottai, Tamilnadu
44.	TF/CSE/13/053	R. RENUGA DEVI	Trichy, Tamilnadu
45.	TF/CSE/13/056	RAVIKUMAR R N	Erode, tamilnadu
46.	TF/CSE/13/059	SASI KUMAR P	Namakkal, Tamilnadu
47.	TF/CSE/13/061	MRS. JAYASHREE TUSHAR	Fursungi, Pune
48.	TF/CSE/13/062	SARANYA.P	Theni, Tamilnadu
49.	TF/CSE/13/063	POOJA KALIDAS SHINDE	LATUR,
50.	TF/CSE/13/064	SATHYA.K	Dindigul, Tamilnadu
51.	TF/CSE/13/065	J.IMELDA	Ramanathapuram,
52.	TF/CSE/13/066	DURGA	Trichy, Tamilnadu
53.	TF/CSE/13/067	ANBU MANI. A	Villupuram Tamilnadu
54.	TF/CSE/13/068	B.KALYANARAMAN.	Dindigul, Tamilnadu
55.	TF/CSE/13/069	M.SAMSI ILANTHAMIL	Madurai, Tamilnadu
56.	TF/CSE/13/070	NITHIYA KOTHAI S	Cuddalore, Tamilnadu
57.	TF/CSE/13/071	MOHAMMED AFZAL C.	Vellore, Tamilnadu
58.	TF/CSE/13/072	GEETHA.K	Trichy, Tamilnadu
59.	TF/CSE/13/073	V.J. THAMEEM ANSARI	Chennai, Tamilnadu
60.	TF/CSE/13/074	K.AMUDHA	Pudhukottai, Tamilnadu
61.	TF/CSE/13/075	MAHESHWARI.K	Rajapalayam, Tamilnadu
62.	TF/CSE/13/076	J. UMARANI	Kanpur, UP
63.	TF/CSE/13/077	J.Sheela	coimbatore, Tamilnadu
64.	TF/CSE/13/079	SARANYA	Tuticorin, Tamilnadu
65.	TF/CSE/13/080	K.KAVYA	Chidambarm, Tamilnadu
66.	TF/CSE/13/081	R. BHAVANI	Madurai, Tamilnadu
67.	TF/CSE/13/082	A.SHINY	Chennai
68.	TF/CSE/13/086	J. SIDHU	Wouraiyur, trichy
69.	TF/CSE/13/087	ANUP SINGH KUSHHAHA	Uttar Pradesh
70.	TF/CSE/13/088	A. RAMESH KUMAR	Virudhunagar, Tamilnadu
71.	TF/CSE/13/089	N.KATHIRVEL	Cuddalore, Tamilnadu
72.	TF/CSE/13/090	P.MANOJ KUMAR	Dindigul, Tamilnadu
73.	TF/CSE/13/091	G.THILAK	Salem, Tamilnadu
74.	TF/CSE/13/093	MANIPRIYA.S	chennai, tamilnadu
75.	TF/CSE/13/094	K. LAKSHMANAN	Trivandrum
76.	TF/CSE/13/096	S.KARTHIKEYAN	Thiruvallur, Tamilnadu
77.	TF/CSE/13/098	S. NANDHA KUMAR	Theni, Tamilnadu
78.	TF/CSE/13/099	HARI KUMAR M	Ariyalur
79.	TF/CSE/13/100	SUBRATA DUTTA	Kolkata
80.	TF/CSE/13/101	LAKSHMINARASIMMAN.S	cuddalore, Tamilnadu
81.	TF/CSE/13/102	B.K. NITHYANANDAM	Cuddalore, Tamilnadu
82.	TF/CSE/13/103	GAYATHRI.S	Trichy
83.	TF/CSE/13/105	R.SATHIYA	Salem, Tamilnadu
84.	TF/CSE/13/107	G. THIRAVIASELVI	Tuticorin, Tamilnadu

85.	TF/CSE/13/109	S.NIRENJENA	puducherry
86.	TF/CSE/13/111	EASALA RAVI KONDAL	Andra Pradesh
87.	TF/CSE/13/112	JANNATH NISHA.O.S	Pudukkottai
88.	TF/CSE/13/113	BHUKYA KRISHNA PRIYA	NIT campus
89.	TF/CSE/13/114	J.SELVARAJ	chennai
90.	TF/CSE/13/115	R.SUGANYA	Trichy
91.	TF/CSE/13/116	MAMIDI KIRAN KUMAR	Andra Pradesh
92.	TF/CSE/13/117	M. CHITRA DEVI	Madurai, Tamilnadu
93.	TF/CSE/13/118	S. SHARMILA DEVI SELVI	chennai, tamilnadu
94.	TF/CSE/13/119	K. RAMYA	Tamilnadu
95.	TF/CSE/13/120	R. CHITHRA	Tamilnadu
96.	TF/CSE/13/122	BHARATHI P	Theni, Tamilnadu
97.	TF/CSE/13/123	B. DINESH BABU	Trichy
98.	TF/CSE/13/125	KARTHICK KUMAR M	Madurai, Tamilnadu
99.	TF/CSE/13/127	MAHESHWARI. S	Tuticorin, Tamilnadu
100.	TF/CSE/13/128	P. MANIKANDAN	Namakkal, Tamilnadu
101.	TF/CSE/13/131	M.SAKTHIVEL	Trichy, tamilnadu
102.	TF/CSE/13/132	P. SARAVANA RAJAN	karaikal
103.	TF/CSE/13/133	R. ASHOKA RAJAN	chennai tamilnadu
104.	TF/CSE/13/135	RAKESH	coimbatore
105.	TF/CSE/13/138	S. SREEVIVEK	Chennai
106.	TF/CSE/13/139	S. SRI VENKATA KRISHNAN	Srivilliputtur, Tamilnadu
107.	TF/CSE/13/141	P. RAJESHWARI	Tirupur, Tamilnadu
108.	TF/CSE/13/142	S. PRAVEENA	Chidambarm, Tamilnadu
109.	TF/CSE/13/143	SHIVANGI RAMAN	maharastra
110.	TF/CSE/13/144	AMARESH M	Panruti, Tamilnadu
111.	TF/CSE/13/145	SOWMYA A	Salem, Tamilnadu
112.	TF/CSE/13/146	Malini M	Chennai, Tamil Nadu
113.	TF/CSE/13/147	Ashish Premraj A	Chennai, Tamil Nadu

Department of Civil Engineering

SL NO.	APPLICATION NO	NAME	PLACE AND STATE
1.	TF/CIVIL/13/1	T.J. JEMI JEYA	Marthandam,Tamilnadu
2.	TF/CIVIL/13/2	SURENDAR N	Chennai, Tamilnadu
3.	TF/CIVIL/13/3	SUBHA NAIR	Kerala
4.	TF/CIVIL/13/4	PACHIPULUSU ANURADHA	Trichy, Tamilnadu
5.	TF/CIVIL/13/5	JESUMI A	Trichy, Tamilnadu
6.	TF/CIVIL/13/6	SIMON J	Ooty, Tamilnadu
7.	TF/CIVIL/13/7	A. JOSHUA DANIEL	Chennai, Tamilnadu
8.	TF/CIVIL/13/10	R.C. RAJASEKAR	Thiruvarur, Tamilnadu
9.	TF/CIVIL/13/11	KUPPUMANIKANDAN A	Karaikal, puducherry
10.	TF/CIVIL/13/13	PARAMASIVAM K P	Anekal, Tamilnadu
11.	TF/CIVIL/13/14	LEKSHMI V	Trichy, Tamilnadu
12.	TF/CIVIL/13/16	M. SUMESH	Sivagangai. Tamilnadu
13.	TF/CIVIL/13/19	RAVI K	Kerala
14.	TF/CIVIL/13/20	VENKADESAN T	Tiruvarur, Tamilnadu
15.	TF/CIVIL/13/21	SANTHANAKUMAR P	Thiruvannamalai Tamilnadu
16.	TF/CIVIL/13/22	N. VENKATESHWARAN	Thanjavur, Tamilnadu
17.	TF/CIVIL/13/23	FABY MOLE P.A	Kerala
18.	TF/CIVIL/13/24	K.S. JINESH BABU	Madurai, Tamilnadu
19.	TF/CIVIL/13/25	M. THAYAPRABA	Trichy, Tamilnadu
20.	TF/CIVIL/13/26	GAVHANE RAHUL BHIMRAO	Maharashtra
21.	TF/CIVIL/13/28	SARANYA P	Madurai, Tamilnadu
22.	TF/CIVIL/13/29	DHARMA SREE K.K	Kerala
23.	TF/CIVIL/13/30	A.A KULKARNI	Nasik
24.	TF/CIVIL/13/31	REMJISH. R.S	Kerala

Department of ECE

SL NO.	APPLICATION NO	NAME	PLACE AND STATE
1.	TF/ECE/13/001	Padmanabhan P	Coimbatore, Tamilnadu
2.	TF/ECE/13/002	Vineetha Mathai	Pathanamthitta, Kerala
3.	TF/ECE/13/003	G Subha	Villupuram, Tamilnadu
4.	TF/ECE/13/004	Vithiya R	Thanjavore, Tamilnadu
5.	TF/ECE/13/005	Dona Joice A	Trichy, Tamilnadu
6.	TF/ECE/13/006	Anirudh V V	Tamilnadu
7.	TF/ECE/13/007	Vigneshwari S	Coimbatore, Tamilnadu
8.	TF/ECE/13/008	Sivaramakrishnan M	Chennai, tamilnadu
9.	TF/ECE/13/009	Rajamadswamy M	Madurai, Tamilnadu
10.	TF/ECE/13/012	R Krithika	Chidambaram, Tamilnadu
11.	TF/ECE/13/013	Srikamu C	Thanjavore, Tamilnadu
12.	TF/ECE/13/015	Nagaraj V	Puducherry
13.	TF/ECE/13/016	Boobalan J	Nammakal, Tamilnadu
14.	TF/ECE/13/017	Jayanthi P	Chennai, tamilnadu
15.	TF/ECE/13/018	Richithaa A P	Nammakal, Tamilnadu
16.	TF/ECE/13/019	Shobana P	Madurai, Tamilnadu
17.	TF/ECE/13/020	Sivakami	Perambalur
18.	TF/ECE/13/021	Dinesh Kumar J	Karaikudi, Tamilnadu
19.	TF/ECE/13/022	Latha N	Tamilnadu
20.	TF/ECE/13/023	U Syed Abudhagir	Chennai, tamilnadu
21.	TF/ECE/13/024	K Padmaja	Trichy, Tamilnadu
22.	TF/ECE/13/026	D Antony Pandiyarajan	Madurai, Tamilnadu
23.	TF/ECE/13/027	Ravikumar S	Nagapattam, Tamilnadu
24.	TF/ECE/13/028	Prince Anand A	Trichy, Tamilnadu
25.	TF/ECE/13/030	S Niranchana	Theni, Tamilnadu
26.	TF/ECE/13/031	Ankita	Haryana
27.	TF/ECE/13/032	K.Gowri	Trichy, Tamilnadu
28.	TF/ECE/13/034	Tracy Jennifer D	Tirunelveli, Tamilnadu
29.	TF/ECE/13/036	Sasireka	Tamilnadu
30.	TF/ECE/13/037	Abishek Panda	Orissa
31.	TF/ECE/13/038	Manikandan N	Trichy, Tamilnadu
32.	TF/ECE/13/040	K G Suhirdham	Trichy, Tamilnadu
33.	TF/ECE/13/041	M Alarmel Mangai	Trichy, Tamilnadu
34.	TF/ECE/13/042	Sakthivel P	Theni, Tamilnadu
35.	TF/ECE/13/044	G N Pavithra	Trichy, Tamilnadu
36.	TF/ECE/13/046	M Ishwarya	Trichy, Tamilnadu
37.	TF/ECE/13/048	Franklin Alex Joseph A	Tanjore, Tamilnadu
38.	TF/ECE/13/049	Reshma P R	Trivandrum, Kerala
39.	TF/ECE/13/050	Lalithambika R	Tamilnadu
40.	TF/ECE/13/051	K R Arunkumar	Tamilnadu

41.	TF/ECE/13/052	Akilandeswari K	Tamilnadu
42.	TF/ECE/13/053	Sangeetha A	Madurai, Tamilnadu
43.	TF/ECE/13/055	Mugunthan S	Chennai, tamilnadu
44.	TF/ECE/13/056	T Lisbeth Priyadharshini	Andhra Pradesh
45.	TF/ECE/13/057	I S Ginu Mol	Tamilnadu
46.	TF/ECE/13/058	Martin Sagayam K	Tamilnadu
47.	TF/ECE/13/059	Iswarya V	Trichy, Tamilnadu
48.	TF/ECE/13/060	Abanah Shirley J	Trichy, Tamilnadu
49.	TF/ECE/13/062	Amritha B J	Trivandrum, Kerala
50.	TF/ECE/13/063	Arunkumar	Tamilnadu
51.	TF/ECE/13/064	R Prakash	Tamilnadu
52.	TF/ECE/13/065	Mahalakshmi T	Tamilnadu
53.	TF/ECE/13/067	Sashi Ganth M	Tamilnadu
54.	TF/ECE/13/068	Balamuraugan S	Tamilnadu
55.	TF/ECE/13/069	Muthukumar S	Tamilnadu
56.	TF/ECE/13/070	Ruth Karunya S	Tamilnadu
57.	TF/ECE/13/072	Brinda V	Tamilnadu
58.	TF/ECE/13/073	Mohanbabu A	Tamilnadu
59.	TF/ECE/13/074	Subhadip Mondal	West bengal
60.	TF/ECE/13/075	Rini Mathew	Mallappally
61.	TF/ECE/13/076	Stanley Karunakaran W	Trichy, Tamilnadu
62.	TF/ECE/13/078	Mahapackialakshmi K	Tuticorin, Tamilnadu
63.	TF/ECE/13/079	Dhiraj Shrikant Mahajan	Pune
64.	TF/ECE/13/080	Ashlin Shaji.V	UAE
65.	TF/ECE/13/081	Sekar K	kanyakumari, Tamilnadu
66.	TF/ECE/13/082	Candida. Y	kanyakumari, Tamilnadu
67.	TF/ECE/13/083	Karthick babu.K	Thanjavur, Tamilnadu
68.	TF/ECE/13/084	Hariharan P	Villuppuram, Tamilnadu
69.	TF/ECE/13/087	Priyadharshini .K	Villupuram, Tamilnadu
70.	TF/ECE/13/088	Rathiga .N	Vellore, Tamilnadu
71.	TF/ECE/13/089	Jenefer Milkkal. B	Virudhunagar, Tamilnadu
72.	TF/ECE/13/090	Sri Lakshmi Priya.T	salem, Tamilnadu
73.	TF/ECE/13/091	Arshiya Sulthana.A.K	Panruti, Tamilnadu
74.	TF/ECE/13/092	T.S. Supriya	Tirunelveli, Tamilnadu
75.	TF/ECE/13/093	Shyji. J	Chennai, Tamilnadu
76.	TF/ECE/13/094	Jeeva .B	Chennai, Tamilnadu
77.	TF/ECE/13/096	Uvaraj .S	Cuddalore, Tamilnadu
78.	TF/ECE/13/097	Jayaraju .V	Madurai, Tamilnadu
79.	TF/ECE/13/098	Prakasam .M.R	Andrapradesh
80.	TF/ECE/13/099	Loganathan .E	Udumalpet, Tamilnadu
81.	TF/ECE/13/100	Romaa .S.R	Madurai, Tamilnadu
82.	TF/ECE/13/101	Sri Rekha.T	karur, Tamilnadu
83.	TF/ECE/13/102	Priya .N	Chennai, tamilnadu

84.	TF/ECE/13/103	Kavitha .K	Villupuram, Tamilnadu
85.	TF/ECE/13/104	Prasad .B	Andra Pradesh
86.	TF/ECE/13/106	Portia Loumin .V	Tirunelveli, Tamilnadu
87.	TF/ECE/13/107	Arun .T	Erode, Tamilnadu
88.	TF/ECE/13/108	Duke Jonathan .P	Sivakasi, tamilnadu
89.	TF/ECE/13/109	Sabiyur Rahuman	salem, Tamilnadu
90.	TF/ECE/13/110	sujin .J.S	Tiruvandrum, Kerala
91.	TF/ECE/13/112	Jameela Begum .K	Dindigul, Tamilnadu
92.	TF/ECE/13/113	Simon prabu .A	Villupuram, Tamilnadu
93.	TF/ECE/13/115	Prasanna .V	Kanchipuram, Tamilnadu
94.	TF/ECE/13/116	Josephin Jeneba .Y	Kanya kumari, Tamilnadu
95.	TF/ECE/13/117	Maisagalla Gopal	Andra Pradesh
96.	TF/ECE/13/118	siva Sankar Prasad D	Andra Pradesh
97.	TF/ECE/13/119	Ganesamoorthy B	Tamilnadu
98.	TF/ECE/13/120	Kavitha .M	Tamilnadu
99.	TF/ECE/13/121	Vani J	Madurai, TN
100.	TF/ECE/13/122	Bindhusha .S	Chennai, TN
101.	TF/ECE/13/124	Praveenkumar .A	Madurai, TN
102.	TF/ECE/13/126	Abarna Ignatius .E	Chennai, TN
103.	TF/ECE/13/127	Saisuryaa .G	Salem, TN

Department of EEE

SL.NO	Application No.	NAME	Place and state
1.	TF/EEE/13/001	Sree Revathy K	Tamilnadu
2.	TF/EEE/13/002	Limi C K	Kerala
3.	TF/EEE/13/003	Anu Jayan	Kerala
4.	TF/EEE/13/007	Arun S L	Tamilnadu
5.	TF/EEE/13/010	Shaik Muhammad Suhail	Andhra Pradesh
6.	TF/EEE/13/013	Kanimozhi K	Tamilnadu
7.	TF/EEE/13/014	Saraswathi K	Tamilnadu
8.	TF/EEE/13/016	Venkata Subramanian M	Tamilnadu
9.	TF/EEE/13/018	Saranya K	Tamilnadu
10.	TF/EEE/13/019	Suphaseni S B	Tamilnadu
11.	TF/EEE/13/020	Siva Nagappa V J	Tamilnadu
12.	TF/EEE/13/021	Pradeep M	Tamilnadu
13.	TF/EEE/13/022	I Krishnapriya @Rajapriya	puducherry
14.	TF/EEE/13/025	Sudhakar A	Tamilnadu
15.	TF/EEE/13/028	Teresa George	Kerala
16.	TF/EEE/13/029	Athbel Jose C	Tamilnadu
17.	TF/EEE/13/030	Sankar S	Tamilnadu
18.	TF/EEE/13/031	Praveen S	Tamilnadu
19.	TF/EEE/13/032	Nalini D	Tamilnadu
20.	TF/EEE/13/033	Glory Rebekka Selvamani	Tamilnadu
21.	TF/EEE/13/034	Venma Devi S	Tamilnadu
22.	TF/EEE/13/037	Subramanian N	Tamilnadu
23.	TF/EEE/13/038	Kalirathinam A	Tamilnadu
24.	TF/EEE/13/039	Annaselvaraj B	Tamilnadu
25.	TF/EEE/13/040	Varatharaj N	Tamilnadu
26.	TF/EEE/13/041	Karthikeyan A	Tamilnadu
27.	TF/EEE/13/042	Sreeram M	Tamilnadu
28.	TF/EEE/13/043	Manivannan G	Tamilnadu
29.	TF/EEE/13/045	Vinoth V	Tamilnadu
30.	TF/EEE/13/046	Mohd Tariq	Uttar Pradesh
31.	TF/EEE/13/047	Deepthi Sivadas G	Kerala
32.	TF/EEE/13/048	Arumugam V	Tamilnadu
33.	TF/EEE/13/049	Mathivadhani S	Tamilnadu
34.	TF/EEE/13/051	Midhu Das B	Kerala
35.	TF/EEE/13/052	Sadaiappan S	Tamilnadu
36.	TF/EEE/13/053	Rashini S	Tamilnadu
37.	TF/EEE/13/055	Grace Sadhana S	Tamilnadu
38.	TF/EEE/13/056	Noble A	Tamilnadu
39.	TF/EEE/13/057	Reena A	Tamilnadu
40.	TF/EEE/13/058	Sreenath B	Kerala
41.	TF/EEE/13/059	Lakshmi Prabha T	Tamilnadu
42.	TF/EEE/13/060	Ponvizhi S	Tamilnadu

43.	TF/EEE/13/062	KrishnaKumar V	Pondicherry
44.	TF/EEE/13/063	Kesavan T	Tamilnadu
45.	TF/EEE/13/065	Karthik Prabhu P	Tamilnadu
46.	TF/EEE/13/067	Gurushakthi N	Tamilnadu
47.	TF/EEE/13/068	M.Balamurugan	Tamilnadu
48.	TF/EEE/13/072	Dhanasekaran. P	Tiruvallur
49.	TF/EEE/13/073	Deepika.S	Tamilnadu
50.	TF/EEE/13/074	Prem. M	Tamilnadu
51.	TF/EEE/13/075	Pranali R. Hatwar	Nagpur
52.	TF/EEE/13/076	Suganthi. R	Thirupur, tamilnadu
53.	TF/EEE/13/077	Thenmozhi .M	Tamilnadu
54.	TF/EEE/13/078	Challapilla Prahalad	Andhra Pradesh
55.	TF/EEE/13/079	Prabhuraja .R	koramarapalayam
56.	TF/EEE/13/080	Prabhu maheswaren.V	Virudhunagar
57.	TF/EEE/13/082	Yasodhan E	Salem
58.	TF/EEE/13/083	Ponraj .P	Dindigul
59.	TF/EEE/13/084	vigneshbalaji .J	Theni, tamilnadu

Department of Humanities - English

SL.NO	APPLICATION NO	NAME	PLACE AND STATE
1.	TF/HUM-ENG/13/01	Rindon Kundu	Kolkata, West Bengal,
2.	TF/HUM-ENG/13/02	Angeline Barani Precilla	Trichy, Tamilnadu
3.	TF/HUM-ENG/13/04	Jerry Jean	Coimbatore, Tamilnadu
4.	TF/HUM-ENG/13/05	Chandrasekaran M	Trichy, Tamilnadu
5.	TF/HUM-ENG/13/06	Manjula Bashini K	Trichy, Tamilnadu
6.	TF/HUM-ENG/13/07	Ramesh Kumar S	Coimbatore, Tamilnadu
7.	TF/HUM-ENG/13/08	Mathumathy S	Tamilnadu
8.	TF/HUM-ENG/13/09	Haseena Banu T	Tamilnadu
9.	TF/HUM-ENG/13/10	Vijayabaabu S VE	Tamilnadu
10.	TF/HUM-ENG/13/11	Akila TG	Trichy, Tamilnadu
11.	TF/HUM-ENG/13/12	Anish Krishnan Nayar B	Tamilnadu
12.	TF/HUM-ENG/13/13	Ragini .R	Tamilnadu

Department of Humanities - Economics

SL. NO	APPLICATION NO	NAME	PLACE AND STATE
1.	TF/HUM-ECO/13/1	Sathis Kumar G	Tamilnadu
2.	TF/HUM-ECO/13/4	Sasikumar G	Tamilnadu
3.	TF/HUM-ECO/13/5	Kirubagaran K	Tamilnadu
4.	TF/HUM-ECO/13/6	Dipali Bosumatari	Assam
5.	TF/HUM-ECO/13/7	Alexander A	Tamilnadu
6.	TF/HUM-ECO/13/8	Rajasimman P	Tamilnadu
7.	TF/HUM-ECO/13/9	Selvakumar A	Tamilnadu
8.	TF/HUM-ECO/13/10	Yoga S	Tamilnadu
9.	TF/HUM-ECO/13/11	Kannabiran M	Tamilnadu
10	TF/HUM-ECO/13/12	Yuvaraj D	Tamilnadu
11	TF/HUM-ECO/13/13	Muhammed Rafi Opc	Mallappuram, Kerala
12	TF/HUM-ECO/13/14	Noorjahan Sherfudeen	Trichy, Tamilnadu
13	TF/HUM-ECO/13/15	Vigneshwaran S	Madurai, Tamilnadu
14	TF/HUM-ECO/13/17	Balaji Vejju	Hyderabad, Andhra Pradesh
15	TF/HUM-ECO/13/18	Aboobacker Sidheeque K P	Calicut Kerala
16	TF/HUM-ECO/13/19	Anbalagan D	Pudukottai, Tamilnadu
17	TF/HUM-ECO/13/20	Aruljothi C	Tirupur, Tamilnadu
18	TF/HUM-ECO/13/21	Manivasagan R	Chennai, Tamilnadu

Department of Instrumentation and Control Engineering

SL.NO	APPLICATION NO	NAME	PLACE AND STATE
1.	TF/ICE/13/1	A LESLIYA RANI	Tutucorin, Tamil Nadu
2.	TF/ICE/13/2	ANKITA	Karnal, Haryana
3.	TF/ICE/13/3	ARAVIND P	Trichy, Tamil Nadu
4.	TF/ICE/13/4	BAMA AIVARASI P	Cuddalore, Tamil Nadu
5.	TF/ICE/13/5	ELAMATHI R	Cuddalore, Tamil Nadu
6.	TF/ICE/13/6	G GOPALAKRISHNAN	Salem, Tamil Nadu
7.	TF/ICE/13/7	GORLE ANKITHA	Vishakapatnam, Andhra Pradesh
8.	TF/ICE/13/8	H.KALA	Trichy, Tamil Nadu
9.	TF/ICE/13/9	KAVITHA P	Trichy, Tamil Nadu
10.	TF/ICE/13/10	M.VIJAYASARATHY	Trichy, Tamil Nadu
11.	TF/ICE/13/11	MADHUMATHI V	Trichy, Tamil Nadu
12.	TF/ICE/13/12	MANOHARAN K	Chennai, Tamil Nadu
13.	TF/ICE/13/13	MARUTHI PRASAD G	Anantapur, Andhra Pradesh
14.	TF/ICE/13/14	MGMSSV PHANINDRA	Krishna, Andhra Pradesh
15.	TF/ICE/13/15	MIRUNALINI NC	Trichy, Tamil Nadu
16.	TF/ICE/13/16	P KARTHIGA	Chennai, Tamil Nadu
17.	TF/ICE/13/17	PRAJOD VS	Kanyakumari Tamil
18.	TF/ICE/13/18	S ABIRAMI	Cuddalore, Tamil Nadu
19.	TF/ICE/13/19	S KARTHICK	Tiruchengode, Tamil
20.	TF/ICE/13/20	S SAMUEL EBENEZAR	Chennai, Tamil Nadu
21.	TF/ICE/13/21	S.M.MOHANASUNDARAM	Chennai, Tamil Nadu
22.	TF/ICE/13/22	SUJAN YENUGANTI	Visakapatnam, Andhra
23.	TF/ICE/13/23	T VINOPRABHA	Chidambaram, Tamil
24.	TF/ICE/13/24	U SYED ABUDHAGIR	Chennai, Tamil Nadu
25.	TF/ICE/13/25	VIGNESH G	Coimbatore, Tamil
26.	TF/ICE/13/26	Freeda S	Kanyakumari, Tamil
27.	TF/ICE/13/27	MALA .T	Courtallam
28.	TF/ICE/13/28	KASHYAP M	Karnataka
29.	TF/ICE/13/29	K.Dhanalakshmi	Madurai
30.	TF/ICE/13/30	M Sudha	Tamil Nadu

Department of Metallurgical and Materials Engineering

SI.NO	Application	Name of the candidate	Place and state
1.	TF/MME13/1	R. Rajasekaran	Anantapur, Andhrapradesh
2.	TF/MME13/2	B. Thirumaran	Sivaganga, Tamilnadu
3.	TF/MME13/3	C. Anand Chairman	Karamadai, Coimbatore
4.	TF/MME13/4	Debalina Bhattacharjee	Udumalpet, Tamilnadu
5.	TF/MME13/5	Dhilip Prabhakaran J	Trichy, Tamilnadu
6.	TF/MME13/6	Dr. Susila Periyasamy	Trichy, Tamilnadu
7.	TF/MME13/7	Durgha R	Kottayam, Kerala
8.	TF/MME13/8	B. Geetha Priyadarshini	NIT Campus, Trichy
9.	TF/MME13/9	George Varghese V	Trichy, Tamilnadu
10.	TF/MME13/10	J. Maya	Shengottai, Tamilnadu
11.	TF/MME13/11	Jayakrishna Nampoothiri	Vellore, Tamilnadu
12.	TF/MME13/12	A. Joseph Berkmans	Hyderabad, AP
13.	TF/MME13/13	B. Mallikarjun	Mayilauthurai, Tamilnadu
14.	TF/MME13/14	Paresh Kumar Mandal	Kancheepuram, Tamilnadu
15.	TF/MME13/15	R. John Felix Kumar	Karimnagar,
16.	TF/MME13/16	Ramu Torrikonda	Roorkee, Uttarakhand
17.	TF/MME13/17	Sudalai Muthu Suriya S	Tamil Nadu
18.	TF/MME13/18	S. Rajagopal	Chennai, Tamilnadu
19.	TF/MME13/19	S. Varalakshmi	Tuticorin, Tamilnadu
20.	TF/MME13/20	T. Arun Nellaiappan	Tirunelveli, Tamilnadu
21.	TF/MME13/21	Trinath Talapaneni	Chennai, Tamilnadu
22.	TF/MME13/22	V. Murali	Kanchipuram, Tamilnadu

Department of Computer Applications

S.No.	Application Number	Name of the candidate	Place and state
1.	TF/CA/13/1	A. Annadhson	Kanyakumari, Tamilnadu
2.	TF/CA/13/2	B.Kalyanaraman	Dindugal, Tamilnadu
3.	TF/CA/13/3	Bhukya Krishna Priya	Trichy, Tamilnadu
4.	TF/CA/13/4	I. Bremnavas	Trichy, Tamilnadu
5.	TF/CA/13/5	Dr. B. Lakshmi	Trichy, Tamilnadu
6.	TF/CA/13/6	H.J. Felcia Bel	Trichy, Tamilnadu
7.	TF/CA/13/7	B. Hema	Cuddalore, Tamilnadu
8.	TF/CA/13/8	Hemant Rathore	Bhopal, Maharastra
9.	TF/CA/13/9	A. Innaculate Mercy	Thanjavur, Tamilnadu
10.	TF/CA/13/10	J. Priscilla Cynthia	Trichy, Tamilnadu
11.	TF/CA/13/11	K. Nandhini	Trichy, Tamilnadu
12.	TF/CA/13/12	K. Vignesh	Trichy, Tamilnadu
13.	TF/CA/13/13	K.Veerasamy	Trichy, Tamilnadu
14.	TF/CA/13/14	Kesavamani G	Nagapattinam, Tamilnadu
15.	TF/CA/13/15	Lakshmi Priya G	Trichy, Tamilnadu
16.	TF/CA/13/17	M. Divya Lakshmi	Trichy, Tamilnadu
17.	TF/CA/13/18	M. Mathivathani	Thanjavur, Tamilnadu
18.	TF/CA/13/19	M. Sahaya Nansi	Theni, Tamilnadu
19.	TF/CA/13/20	M. Shanmugapriya	Tirupur, Tamilnadu
20.	TF/CA/13/21	M.Sangeetha	Thanjavur, Tamilnadu
21.	TF/CA/13/22	Mohamed Abdul Kader Jailani	Thanjavur, Tamilnadu
22.	TF/CA/13/23	Mohana Devi A	Trichy, Tamilnadu
23.	TF/CA/13/24	N.Siva Selvan	Trichy, Tamilnadu
24.	TF/CA/13/25	P. Kokila	Trichy, Tamilnadu
25.	TF/CA/13/26	P.Sathya	Tiruvarur, Tamilnadu
26.	TF/CA/13/27	Pragati Priyadarshinee	Hyderabad, Andhrapradesh
27.	TF/CA/13/28	Priyadarsini P.L.K	Trichy, Tamilnadu
28.	TF/CA/13/29	R. Anita Prabha	Karaikudi, Tamilnadu
29.	TF/CA/13/30	R. Gobi	Thanjavur, Tamilnadu
30.	TF/CA/13/31	R. Vishnu Priya	Coimbatore, Tamilnadu
31.	TF/CA/13/32	S. Aarthee	Trichy, Tamilnadu

32.	TF/CA/13/33	S. Anjalai Devi	Salem, Tamilnadu
33.	TF/CA/13/34	S. Inder Singhmahajan	Trichy, Tamilnadu
34.	TF/CA/13/35	S. Lakshmi Devi	Thanjavur, Tamilnadu
35.	TF/CA/13/36	S. Malini	Trichy, Tamilnadu
36.	TF/CA/13/37	S. Nivas	Salem, Tamilnadu
37.	TF/CA/13/38	S. Sathya Priya	Thanjavur, Tamilnadu
38.	TF/CA/13/40	S. Thirumurugan	Trichy, Tamilnadu
39.	TF/CA/13/41	Sreejith KM	Trissur, Kerala
40.	TF/CA/13/43	Subrata Dutta	Kolkata, Westbengal
41.	TF/CA/13/44	Sumathy T	Tirunelveli, Tamilnadu
42.	TF/CA/13/45	Sureshkumar D	Trichy, Tamilnadu
43.	TF/CA/13/46	Tiruppathi S	Dindugal, Tamilnadu
44.	TF/CA/13/47	V. Vani	Pudukkottai, Tamilnadu
45.	TF/CA/13/48	V.Senthil	Madurai, Tamilnadu
46.	TF/CA/13/49	Y. Venkatramana Reddy	YSR, Andhrapradesh
47.	TF/CA/13/50	Rajakumar R	Kumbakonam, Tamil Nadu
48.	TF/CA/13/51	Pasupathi	Virudhunagar, tamil Nadu
49.	TF/CA/13/52	Muthu Kumar S	Tirunelveli, Tamil Nadu
50.	TF/CA/13/53	A Amala Linttina Raj	Kanyakumari, Tamilnadu
51.	TF/CA/13/54	Chandru N	Tirupur, Tamil nadu
52.	TF/CA/13/55	V Akilandeswari	Tiruchirappalli, Tamil Nadu
53.	TF/CA/13/56	P V Ganeshkumar	Chennai, Tamil Nadu
54.	TF/CA/13/57	Ismail N S	Tiruchurappalli, Tamil Nadu
55.	TF/CA/13/60	Mr. Anmol Kumar Tank	Raigarh
56.	TF/CA/13/61	Kokila Saravanan	Trichy, Tamil Nadu
57.	TF/CA/13/62	Karthik S	Namakkal, Tamil Nadu
58.	TF/CA/13/63	Ch. Madhusudhan	Hyderabad, Andhrapradesh.
59.	TF/CA/13/65	POONAM PUNIYANI	Rajasthan
60.	TF/CA/13/68	Dr. SUNIL KUMAR SAH	Jharkhand
61.	TF/CA/13/69	Sajitha K	Tamil Nadu

Department of Management Studies

SL.NO	Application No.	NAME	Place and state
1.	TF/MBA/13/4	DEEPTI RANJAN SAHOO	Rourkela, Odisha
2.	TF/MBA/13/5	DHAYANAND	Kanyakumrai, Tamil Nadu
3.	TF/MBA/13/6	Dr. G. Padmavathy	Salem, Tamil Nadu
4.	TF/MBA/13/9	E santhana Mariappan	Thoothukudi, Tamil Nadu
5.	TF/MBA/13/10	Gladys S	Coimbatore, Tamil Nadu
6.	TF/MBA/13/11	HEMA A	Tiruppur, Tamil Nadu
7.	TF/MBA/13/12	INDUPRIYA S	Trichy Tamil Nadu
8.	TF/MBA/13/14	K GURUNADHA REDDY	Chittor, Andhra Pradesh
9.	TF/MBA/13/15	K K Ravichandran	Tirunelveli, Tamil Nadu
10.	TF/MBA/13/16	K Madasamy	Chennai, Tamil Nadu
11.	TF/MBA/13/17	K NIRMALA	Trichy Tamil Nadu
12.	TF/MBA/13/18	KALAIVANI K	Trichy Tamil Nadu
13.	TF/MBA/13/19	KRITI AGARWAL	Lucknow, Uttar Pradesh
14.	TF/MBA/13/21	M Meena	Tiruchirappali, Tamil
15.	TF/MBA/13/22	Meenakshi	Nagai, Tamil Nadu
16.	TF/MBA/13/23	MINAKSHI KUMARI	Surat, Gujarat
17.	TF/MBA/13/24	Mohammed Areesh A	Erode, Tamil Nadu
18.	TF/MBA/13/25	NIGAMA K	Trichy Tamil Nadu
19.	TF/MBA/13/27	P LAKSHMI	Trichy Tamil Nadu
20.	TF/MBA/13/28	Pradeep Kumar Behera	Jharjhand
21.	TF/MBA/13/31	R MANOJ KUMAR	Nammakal, Tamil Nadu
22.	TF/MBA/13/32	R Priyatharesini	Tiruchirappalli, Tamilnadu
23.	TF/MBA/13/34	S Dinesh	Ramnad, Tamil Nadu
24.	TF/MBA/13/35	S GAYATHRI	Namakkal, Tamil Nadu
25.	TF/MBA/13/37	S VISALAKSHMI	Trichy Tamil Nadu
26.	TF/MBA/13/38	Sankaranarayanan G	Chennai, Tamil Nadu
27.	TF/MBA/13/40	Shenbagamalar G	Batlagundu,
28.	TF/MBA/13/41	Soundria S M	Tiruchirappalli, Tamilnadu
29.	TF/MBA/13/42	SRIDHAR U	Chennai, Tamil Nadu
30.	TF/MBA/13/45	YESHWANTH KUMAR K	Andhra Pradesh
31.	TF/MBA/13/46	YUVAPRIYA P	Coimbatore, Tamil Nadu
32.	TF/MBA/13/47	R Kesavamoorthy	Erode, Tamil Nadu
33.	TF/MBA/13/48	E. Anusha	Karaikudi, Tamil Nadu
34.	TF/MBA/13/49	Murugan P	Villupuram, Tamil Nadu
35.	TF/MBA/13/51	HARINI . P	Trichy, tamilnadu
36.	TF/MBA/13/52	Arun	AURIYA, UP
37.	TF/MBA/13/55	BALAJI. S	Puducherry
38.	TF/MBA/13/56	MURUGAN. P	Villupuram
39.	TF/MBA/13/59	Ramakrishna J	AP

Department of Mathematics

SL.NO	Application No.	NAME	Place and state
1.	TF/Maths/13/1	A Anuradha	Tiruchi, Tamil Nadu
2.	TF/Maths/13/2	A Balu	Tiruchi, Tamil Nadu
3.	TF/Maths/13/4	A Prabhu	Virudhunagar, Tanil Nadu
4.	TF/Maths/13/5	A Senthil Thilak	Tiruchirappalli, Tamil
5.	TF/Maths/13/7	Atanu Bhatta Charjee	Hoogly, WB
6.	TF/Maths/13/9	D Ramakrishna	AP
7.	TF/Maths/13/13	Dr. R Sathya	Coimbatore, Tamil Nadu
8.	TF/Maths/13/14	Ganesamoorthy	Tiunelveli, Tamil Nadu
9.	TF/Maths/13/15	I Jeyaraman	Sivakasi, Tamil Nadu
10.	TF/Maths/13/17	Joyal Roy P	Karur, Tamil Nadu
11.	TF/Maths/13/18	K Venkat Lakshmi	Tiruchi, Tamil Nadu
12.	TF/Maths/13/19	M Shanmugapriya	Tirupur, Tamil Nadu
13.	TF/Maths/13/20	M.Kalpana	Dindigul Tamil Nadu
14.	TF/Maths/13/22	N Aishwarya	Tiruchi, Tamil Nadu
15.	TF/Maths/13/23	N.Mallika	Trichy, Tamil Nadu
16.	TF/Maths/13/24	Nancy Samuvel	Ooty, Tamil Nadu
17.	TF/Maths/13/26	Riath M H	Trichy, Tamil Nadu
18.	TF/Maths/13/27	S Balaji	Madurai, Tamil Nadu
19.	TF/Maths/13/31	Senthamil Selvi S	Tiruchi, Tamil Nadu
20.	TF/Maths/13/32	Shafique Ahamad	Ranchi, Jharkand
21.	TF/Maths/13/33	Shravan kumar pandey	Singurauli, MP
22.	TF/Maths/13/35	V.Sutha	Trichy, Tamil Nadu
23.	TF/Maths/13/36	V.Vijaya Bharathi	Thanjavur, Tamil Nadu
24.	TF/Maths/13/37	Vinoth S	Sivagangai, Tamil Nadu
25.	TF/Maths/13/39	Dr. T. Senthil Kumar	Tiruppur, Tamil Nadu
26.	TF/Maths/13/40	Rajeswari N	Tiruchirappalli, Tamil

Department of Mechanical Engineering

SL.NO	Application No.	NAME	Place and state
1.	TF/Mech/13/1	A. Abubakkar	Erode, Tamilnadu
2.	TF/Mech/13/2	A. Antony Cruz Leo	Trichy, Tamilnadu
3.	TF/Mech/13/3	B. Varun Kumar	Perambur, Chennai
4.	TF/Mech/13/5	D. Amrishraj	Trichy, Tamilnadu
5.	TF/Mech/13/6	D. Jafery Daniel James	Trichy, Tamilnadu
6.	TF/Mech/13/8	G. Britto Joseph	THANJAVUR, Tamilnadu
7.	TF/Mech/13/10	Hari Praneeth	Tamil Nadu
8.	TF/Mech/13/11	Kasirajan S	Madurai, Tamilnadu
9.	TF/Mech/13/12	L. Gokulanathan	Salem, Tamilnadu
10.	TF/Mech/13/13	NM. Sivaram	Coimbatore, Tamilnadu
11.	TF/Mech/13/15	R. Deepakkumar	Kanchipuram, Tamilnadu
12.	TF/Mech/13/16	S. Mohanraj	Trichy, Tamilnadu
13.	TF/Mech/13/17	S. Ravi	Thanjuvar, Tamilnadu
14.	TF/Mech/13/18	V. Dhinakaran	Chennai, Tamilnadu
15.	TF/Mech/13/19	V.M. Illayaraja Muthaiyaa	Trichy, Tamilnadu
16.	TF/Mech/13/20	Vignesh G	Coimbatore, Tamilnadu
17.	TF/Mech/13/21	C. Vinothkumar	Dindigul, Tamilnadu
18.	TF/Mech/13/23	N Gobikrishnan	Mayiladuthurai, Tamil Nadu
19.	TF/Mech/13/24	Praveen S	Tiruchirappalli, Tamil Nadu
20.	TF/Mech/13/26	Devender Malothu	Warangal
21.	TF/Mech/13/27	Balaji Ayyanar C	coimbatore, tamil Nadu
22.	TF/Mech/13/29	C N Gowthaman	Villupuram, Tamil nadu
23.	TF/Mech/13/30	krishna Raj S	Thanjavur, Tamil Nadu
24.	TF/Mech/13/31	Pallavi Ghutke	Nagpur
25.	TF/Mech/13/32	S Ramasamy	tuticorin, Tamil Nadu
26.	TF/Mech/13/34	DEEPAN BHARATHI	Trichy, Tamil Nadu

Department of Production Engineering

SL.NO	Application No.	NAME	Place and state
1.	TF/PROD/13/1	A PREMKUMAR	Karur, Tamil Nadu
2.	TF/PROD/13/2	ABHISHEK KUMAR	Gadhpura, Bihar
3.	TF/PROD/13/3	D.GIRIDHAR	Erode, Tamil Nadu
4.	TF/PROD/13/4	DEEPAN BHARATHI KANNAN	Trichy, Tamil Nadu
5.	TF/PROD/13/6	G.SURESH	Annavasal, Pudukottai
6.	TF/PROD/13/7	I ARUN GANDHI	Trichy, Tamil Nadu
7.	TF/PROD/13/8	KUNTAL MAJI	West Bengal
8.	TF/PROD/13/10	LAKSHMANAN V	Trichy, Tamil Nadu
9.	TF/PROD/13/11	M ARUN PRASAD	Trichy, Tamil Nadu
10.	TF/PROD/13/19	T.NIRANJAN	Andhra Pradesh
11.	TF/PROD/13/20	TINU P SAJU	Kollam, Kerala

SYLLABUS FOR WRITTEN TEST FOR SELECTION OF TEMPORARY FACULTY

DEPARTMENT OF ARCHITECTURE

Building Construction and Materials
Building Services (Water supply and Drainage, Lighting, Air-conditioning, Fire, Electrical and Mechanical Services)
History/ Contemporary Architecture
Energy Efficient/ Green Buildings
Urban Planning/ urban Design
Landscape Architecture
Professional Practice, Bye-laws and Construction Management

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

1. Data Structures and Algorithms

Development of Algorithms - Notations, Concepts - Arrays - Linked lists - Stacks and queues Trees - Tree Traversing - Operations on Binary Trees – Sorting and Searching techniques - Graphs - BFS, DFS - Shortest path problems.

2. Operating Systems

Basic OS Concepts - Thread and process scheduling - Synchronization - Semaphores - Critical regions - Deadlock prevention and recovery - Memory Management - File Management - I/O Management – Case Studies on Windows and Linux OS.

3. Computer Organization and Architecture

Basic structure of Computers **-** Arithmetic - Addition & subtraction of signed numbers - Multiplication - Integer division - Floating point operations - Pipelining - Multiple bus organization - Micro programmed control – Hazards - Memory System - Semiconductor RAM memory - Cache memory - Virtual memory - Secondary storage - I/O Organization - Interrupts - DMA - Buses - Interface circuits - Serial communication links.

4. C Programming

C programming – Memory Concepts – Arithmetic Operations - Control Statements – Functions - Pointers – Structures – User Defined Data types - File handling.

5. Microprocessors

8085 processor - Architecture - Bus organization - Registers - ALU - Instruction set of 8085 - Instruction format - Addressing modes - System design using controllers - Microprocessor Interfacing Techniques - Segmented memory concepts - Bus concepts.

CENTRE FOR ENERGY & ENVIRONMENTAL SCIENCE AND TECHNOLOGY (CEESAT)

1.Heat Transfer.
2.Mass Transfer
3.Fluid Mechanics.
4.Thermal Engineering.
5.Wind Energy
6.Solar energy.
7.Air Pollution.
8.Water Pollution.
7.Basics of Mechanics
8.Basics of Electrical Engineering and Biotechnology.

DEPARTMENT OF CHEMICAL ENGINEERING

ENGINEERING MATHEMATICS

Linear Algebra: Matrix algebra, Systems of linear equations, Eigen values and eigenvectors.

Calculus*:* Functions of single variable, Limit, continuity and differentiability, Mean value theorems, Evaluation of definite and improper integrals, Partial derivatives, Total derivative, Maxima and minima, Gradient, Divergence and Curl, Vector identities, Directional derivatives, Line, Surface and Volume integrals, Stokes, Gauss and Green's theorems.

Differential equations: First order equations (linear and nonlinear), Higher order linear differential equations with constant coefficients, Cauchy's and Euler's equations, Initial and boundary value problems, Laplace transforms, Solutions of one dimensional heat and wave equations and Laplace equation.

Complex variables: Analytic functions, Cauchy's integral theorem, Taylor and Laurent series, Residue theorem.

Probability and Statistics: Definitions of probability and sampling theorems, Conditional probability, Mean, median, mode and standard deviation, Random variables, Poisson, Normal and Binomial distributions.

Numerical Methods: Numerical solutions of linear and non-linear algebraic equations Integration by trapezoidal and Simpson's rule, single and multi-step methods for differential equations.

CHEMICAL ENGINEERING

Process Calculations and Thermodynamics: Laws of conservation of mass and energy; use of tie components; recycle, bypass and purge calculations; degree of freedom analysis. First and Second laws of thermodynamics. First law application to close and open systems. Second law and Entropy. Thermodynamic properties of pure substances: equation of state and departure function, properties of mixtures: partial molar properties, fugacity, excess properties and activity coefficients; phase equilibria: predicting VLE of systems; chemical reaction equilibria.

Fluid Mechanics and Mechanical Operations: Fluid statics, Newtonian and non-Newtonian fluids, Bernoulli equation, Macroscopic friction factors, energy balance, dimensional analysis, shell balances, flow through pipeline systems, flow meters, pumps and compressors, packed and fluidized beds, elementary boundary layer theory, size reduction and size separation; free and hindered settling; centrifuge and cyclones; thickening and classification, filtration, mixing and agitation; conveying of solids.

Heat Transfer: Conduction, convection and radiation, heat transfer coefficients, steady and unsteady heat conduction, boiling, condensation and evaporation; types of heat exchangers and evaporators and their design.

Mass Transfer: Fick's laws, molecular diffusion in fluids, mass transfer coefficients, film, penetration and surface renewal theories; momentum, heat and mass transfer analogies; stagewise and continuous contacting and stage efficiencies; HTU & NTU concepts design and operation of equipment for distillation, absorption, leaching, liquid-liquid extraction, drying, humidification, dehumidification and adsorption.

Chemical Reaction Engineering: Theories of reaction rates; kinetics of homogeneous reactions, interpretation of kinetic data, single and multiple reactions in ideal reactors, non-ideal reactors; residence time distribution, single parameter model; non-isothermal reactors; kinetics of heterogeneous catalytic reactions; diffusion effects in catalysis.

Instrumentation and Process Control: Measurement of process variables; sensors, transducers and their dynamics, transfer functions and dynamic responses of simple systems, process reaction curve, controller modes (P, PI, and PID); control valves; analysis of closed loop systems including stability, frequency response and controller tuning, cascade, feed forward control.

Plant Design and Economics: Process design and sizing of chemical engineering equipment such as compressors, heat exchangers, multistage contactors; principles of process economics and cost estimation including total annualized cost, cost indexes, rate of return, payback period, discounted cash flow, optimization in design.

Chemical Technology: Inorganic chemical industries; sulfuric acid, NaOH, fertilizers (Ammonia, Urea, SSP and TSP); natural products industries (Pulp and Paper, Sugar, Oil, and Fats); petroleum refining and petrochemicals; polymerization industries; polyethylene, polypropylene, PVC and polyester synthetic fibers.

DEPARTMENT OF CHEMISTRY

Organic Chemistry

Reaction mechanism: Definition of reaction mechanism, transition state theory, kinetics, qualitative picture. Substituent effects, linear free energy relationships, Hammett equation and related modifications. Basic mechanistic concepts like kinetic *vs* thermodynamic control, Hammond postulate, Curtin-Hammett principle, isotope effects, general and specific acid-base catalysis, and nucleophilic catalysis.

Nucleophilic substitution: Reactivity, structural and solvent effects, substitution in S_N1, S_N2, S_Ni. Neighbouring group participation -Norbornyl and bridgehead systems, substitution at allylic and vinylic carbons, substitution by ambident nucleophiles, aromatic nucleophilic substitution, S_NAr, benzyne, S_N1. Aromatic nucleophilic substitution of activated halides

Addition to carbon-carbon multiple bonds: Electrophilic, nucleophilic and free radical addition. Stereochemistry and orientation of the addition.Hydrogenation, halogenation, hydroxylation, hydroboration. Addition to carbonyl compounds - 1,2 and 1,4-addition, benzoin, Knoevenegal, Stobbe and Darzenglycidic ester reactions.

Elimination reactions: E1, E2, E1CB- mechanism, stereochemistry, orientation of double bonds - Hoffmann, Zaitsev, Bredts rule - pyrolytic elimination, Chugaev reaction. Oxidation and reduction: Reduction using hydride reagents, $LiAlH_4$, $NABH_4$ and other organoboranes: chemo- and stereoselectivity, catalytic hydrogenation (homogenous and heterogeneous catalysts), Swern and Dess-Martin oxidations, Corey-Kim oxidation, PCC, $KMnO_4$ oxidations.

Theories of aromaticity: Aromaticity, antiaromaticity, Huckel's rule, annulences and heteroannulenes, fullerenes (C60). Other conjugated systems, Chichibabin reaction. Aromatic electrophilic substitution: Orientation, reactivity, and mechanisms. Substitution in thiophene and pyridine. Reactive intermediates - carbenes, nitrenes, radicals, Ylides - Formation, stability and their applications.

Fundamentals of photochemistry: Qualitative introduction about different transitions, cis-trans isomerization, Paterno-Buchi reaction, Norrish type I and II reactions, photo reduction of ketones, photochemistry of arenes, di-pi-methane and Hoffmann-Loeffler-Freytag rearrangements.

Pericyclic reactions: Classification, electrocyclic, sigmatropic, cycloaddition and ene reactions, Woodward-Hoffmann rules, and FMO theory, Claisen, Cope, Sommelet-Hauser, and Diels-Alder reactions in synthesis, stereochemical aspects.

Optical activity and chirality: absolute and relative configuration - R-S notation system, molecules with more than one asymmetric center. Enantiotopic and diastereotopic atoms, groups and faces.Stereo specific and stereo selective synthesis, optical isomerism of biphenyls, allenes and

spiranes.Compounds containing chiral nitrogen and sulfur.Geometrical isomerism, E, Z-nomenclature of olefins, cumulenes and oximes.

Conformational analysis: Fischer projection, inter-conversion of Sawhorse, Newman and Fischer projections, conformational analysis of ethane and disubstituted ethane derivatives, cycloalkanes and substituted cyclohexane. Conformation and stereochemistry of cis and transdecalin and 9-methyldecalin. Anomeric effect in cyclic compounds.

Rearrangementreactions: involving electron deficient, carbon, nitrogen, oxygen centers, emphasis on synthetic utility of these rearrangements. Baker–Venkataraman, benzilic acid, [1,2]-Meisenheimer, [2,3]-Meisenheimer, Wagner-Meerwein, Pinacol, Demyanov, Dienone-Phenol, Favorskii, Wolff, Hofmann, Curtius, Lossen, Schmidt, Beckmann, Benzidine, Hofmann-Loffler rearrangements.

Introduction to retrosynthesis: Synthon, synthetic equivalent, target molecule, functional group interconversion, disconnection approach, importance of the order of events in organic synthesis. Chemoselectivity, one group C-C and C-X disconnection (disconnection of alcohols, alkenes, and carbonyl compounds).

Two group C-C & C-X disconnections: 1,3 and 1,5 difunctionalised compounds, α,β-unsaturated carbonyl compounds, control in carbonyl condensation, synthesis of 3,4,5 and 6 membered rings in organic synthesis. Diels- Alder reaction, connection in retro synthesis.

Protecting groups: Protection of hydroxyl, carboxyl, carbonyl, amino groups.Umpolung reagents, definition of umpolung, acyl anion equivalent, protection of carbon-carbon multiple bonds.Illustration of protection and deprotection in synthesis.

Reagents in organic synthesis: Functional group transformation, complex metal hydrides, Gilman's reagent, lithium diisoproplyamide (LDA), dicyclohexylcarbodimide, timethylsilyl iodide, Woodward and Provost hydroxylation, osmium tetraoxide, DDQ, SeO_2, lead tetraacetate, H_2O_2,phase transfer catalyst, crown ethers and Merrifield resin, Wilkinson's catalyst, Baker yeast.

Name reactions in organic synthesis: Peterson olefination, McMurry, Shapiro reaction, Wittig and its modifications, palladium based reactions - Suzuki, Heck, Sonagashira, Hiyama, Stille, Glazer-Eglington coupling, Sharplessepoxidation, Henry reaction, Michael addition, aldol, Claisen, Dieckman condensations, Barton, Baylis Hillman reaction, Stork enamine reaction and selective mono and di alkylation *via*enamines.

Inorganic Chemistry

Theories of coordination compounds - VB theory - CFT - splitting of d orbitals in ligand fields and different symmetries - CFSE - factors affecting the magnitude of 10 Dq - evidence for crystal field stabilization - spectrochemical series - site selection in spinels - tetragonal distortion from octahedral symmetry - Jahn-Teller distortion - Nephelauxetic effect - MO theory - octahedral - tetrahedral and

square planar complexes - p-bonding and molecular orbital theory - experimental evidence for p-bonding.

Reactions: Substitution reactions in square planar complexes - the rate law for nucleophilic substitution in a square planar complex - the trans effect - theories of trans effect - mechanism of nucleophilic substitution in square planar complexes - kinetics of octahedral substitution - ligand field effects and reaction rates - mechanism of substitution in octahedral complexes - reaction rates influenced by acid and bases - racemization and isomerization - mechanisms of redox reactions - outer sphere mechanisms - excited state outer sphere electron transfer reactions - inner sphere mechanisms - mixed valent complexes.

Electronic spectra and magnetism: Microstates, terms and energy levels for d^1 – d^9 ions in cubic and square fields - selection rules - band intensities and band widths - Orgel and Tanabe-Sugano diagrams - evaluation of 10 Dq and β for octahedral complexes of cobalt and nickel - charge transfer spectra - magnetic properties of coordination compounds - change in magnetic properties of complexes in terms of spin orbit coupling - temperature independent paramagnetism - spin cross over phenomena.

IR and Raman spectroscopy: Structural elucidation of simple molecules like N_2O, ClF_3, NO_3^-, ClO_4^- - effect of coordination on ligand vibrations - uses of group vibrations in the structural elucidation of metal complexes of urea, thiourea, cyanide, thiocyanate, nitrate, sulphate and DMSO - effect of isotopic substitution on the vibrational spectra of molecules - applications of Raman spectroscopy

Structure: Structure of coordination compounds with reference to the existence of various coordination numbers (2, 3, 4, 5 & 6) - site preferences - isomerism - trigonal prism - absolute configuration of complexes - stereo selectivity and conformation of chelate rings - coordination number seven and eight. Spectral and magnetic properties of lanthanide and actinide complexes.

Structure and bonding in organometallics: 18/16-electron rule - metal carbonyls – bonding – spectra – nitrosyls - dinitrogen complexes – phosphines - metal alkyls, aryls, hydrides and dihydrogen complexes - π-bonding ligands – metallocenes - electronic structure and bonding in ferrocene - synthesis, physical and spectroscopic properties of metallocenes - fluxional molecules.

Reaction mechanism and catalysis: Ligand substitution - oxidative addition and reductive elimination - 1,1 and 1,2-insertion - addition and elimination reactions - alkene isomerization-hydroboration - hydrocyanation - hydrogenation of olefins - Wilkinson's catalyst - hydroformylation of olefins - Wacker-Smidt synthesis - Monsanto acetic acid process -Eastman Halcon process - Fischer-Tropsch process - hydrosilylation.

Carbenes: Fischer and Schrock carbenes - bonding & reactivity - Grubbs catalyst - carbynes structure, synthesis and reactions- alkene metathesis – mechanism - RCM-ROMP, SHOP and ADMET - C-H and C-C activation - agostic bonds - Ziegler-Natta polymerization of olefins - Heck reaction - The PausonKhand reaction - Ene reaction.

Transport of metal ions: Uptake, transport and storage of metal ions by organisms - structure and functions of biological membranes - the generation of concentration gradients (the Na^+-K^+ pump) - mechanisms of ion-transport across cell membranes – bleomycin - siderophores (e.g. enterobactin and desferrioxamine) - transport of iron by transferring - storage of iron by ferritin - bio chemistry of calcium as hormonal messenger.

Metalloporphyrins/Metalloenzymes: Dioxygen transport and storage - hemoglobin and myoglobin: electronic and spatial structures - hemeythrin and hemocyanine - synthetic oxygen carriers, model systems - blue copper proteins (Cu) - iron-sulfur proteins (Fe)- cytrochromes electron transport chain - carbon monoxide poisoning - iron enzymes - peroxidase, catalase and cytochrome P-450, copper enzymes - superoxide dismutase, vitamin B12 and B12 coenzymes, photosynthesis - photosystem-I & II, nitrogen fixation, cisplatin.

Fundamentals: Types of solids - close packing of atoms and ions - bcc , fcc and hep voids - Goldschmidt radius ratio - derivation - its influence on structures - structures of rock salt - cesium chloride - wurtzite - zinc blende - rutile - fluroite - antifluorite - diamond and graphite - spinel - normal and inverse spinels and perovskite - lattice energy of ionic crystals - Madelung constant - Born-Haber cycle and its applications.

Theories: Band theory of solids. Free electron Theory, zone theory, MO theory of solids -dislocation in solids: Schottky and Frenkel defects. Line defects and plane defects – non -stoichiometric compounds. Electrical properties: Energy bands, insulators, semiconductors and conductors - super conductors - dielectric properties, piezo-electricity, ferro electricity -conductivity in pure metals. Superconductivity: Occurrence, BCS theory, high temperature super conductors - introduction to nanoparticles - metal nanoparticles - particle size determination.

X- Ray diffraction: Theory- the crystal systems and Bravais lattices - Miller indices and labelling of planes - symmetry properties - crystallographic point groups and space groups - X-ray diffraction - powder and rotating crystal methods - systematic absences and determination of lattice types - analysis of X-ray data for cubic system - structure factor and Fourier synthesis - Fundamentals of electron and neutron diffraction.

Nuclear structure: Mass and charge, nuclear moments, binding energy, mass defect, packing fraction, stability, magic numbers. Modes of radioactive decay and rate of radioactive decay - half-life, average life, radioactive equilibrium: Transient and secular -nuclear reactions: Energetics and types - nuclear fission- liquid drop model - nuclear fusion - essential features of nuclear reactors -

tracer techniques, neutron activation analysis - carbon and rock dating - application of tracers in chemical analysis, reaction mechanisms, medicine and industry.

Inorganic rings and polymers: Catenation, heterocatenation, intercalation chemistry, one dimensional conductor, polymeric sulfur nitride - Preparation, properties - isopoly anions - heteropoly anions - borazines - phosphazenes - phosphazene polymers - ring compounds of sulphur and nitrogen. Interhalogen compounds - oxoacids of selenium and tellurium. Noble gas chemistry and their halides and pseudohalides.

Physical Chemistry

Quantum chemistry: The failures of classical physics – Black body radiation - photoelectric effect - Bhor's quantum theory, Wave particle duality - Uncertainty principle, Quantum mechanical postulates, Schrodinger equation and its solution to the problem of a particle in one and three dimensional boxes. Quantum mechanical results for a rigid rotator and simple harmonic oscillator, Schrodinger equation for hydrogen atom and its solution - Derivation of Eigen function and Eigen value for hydrogen atom. Term symbols for electronic state in atoms – LS and JJ coupling. The origin of electronic quantum numbers and physical significance - radial probability density - significance of magnetic quantum number with respect to angular momentum.Hydrogen molecule ion and hydrogen molecule - Pauli's exclusion principle.Born Oppenheimer approximation, Mulliken designation of molecular orbitals.MO theory of bonding, MO treatment of H-bonded systems, ethylene, butadiene and benzene. Approximation methods: Perturbation and variation method, wave functions for many electron atoms – Hartree-Fock SCF method, Slater orbitals.

Group theory: Elements of group theory, definition, group multiplication tables, conjugate classes, conjugate and normal subgroups, symmetry elements and operations, point groups, assignment of point groups to molecules, Matrix representation of geometric transformation and point group, reducible and irreducible representations, construction of character tables, bases for irreducible representation, direct product, symmetry adapted linear combinations, projection operators. Orthogonality theorem - its consequences. Symmetry aspects of molecular orbital theory, planar π-systems, symmetry factoring of Huckel determinants, solving it for energy and MOs for ethylene and 1,4-butadiene, sigma bonding in AX_n molecules, hybridization, tetrahedral, octahedral, square planner, trigonal planar, linear, trigonalbipyramidal systems, hybrid orbitals as linear combination of AOs, electronic spectra, selection rule, polarization electron dipole transition, electronic transitions in formaldehyde, butadiene, configuration interaction, vibrational spectra, symmetry types of normal molecules, symmetry coordinates, selection rules for fundamental vibrational transition, IR and Raman activity of fundamentals in CO_2, H_2O, N_2F_2, the rule of mutual exclusion and Fermi resonance.

Thermodynamics: Laws of thermodynamics, Nernst heat theorem and other forms of stating the third law. Thermodynamic quantities at absolute zero, apparent exceptions to the third law -

thermodynamics of systems of variable composition, partial molar properties, chemical potential, relationship between partial molar quantities, Gibbs Duhem equation and its applications (the experimental determination of partial molar properties not included) - thermodynamic properties of real gases, fugacity concept, calculation of fugacity of real gas, activity and activity coefficient, concept, definition, standard states and experimental determinations of activity and activity coefficient of electrolytes.

Phase rule, colloids and micelles: Three component systems, representation by triangular diagrams, systems of three liquids, formation of one pair of partially miscible liquids, formation of two pairs of partially miscible liquids, solid, liquid phases, eutectic systems - colloids: Distinction between suspension, colloidal solutions and true solutions, lyophilc and lyophobic colloids, Tyndall effect, stability of colloids, coagulation, emulsions, various types. Micelles: Surfactant (amphipathic molecule), micellisation, critical micelle concentration, size of micelle, aggregation number, thermodynamics of micellization, solubilisation behavior of micelles, reverse micelles.

Electrochemistry: Ion transport in solution - migration, convention and diffusion -Fick's laws of diffusion conduction - influence of ionic atmosphere on the conductivity of electrolytes - The Debye Huckel-Onsager equation for the equivalent conductivity of electrolytes - experimental verification of the equation - conductivity at high field and at high frequency - conductivity of non aqueous solutions - effect of ion association on conductivity. The electrode-electrolyte interface - electrical double layer - electro capillary phenomena -Lippmann equation - the Helmholz - Perrin - Guoy - Chapmann and Stern models, electrokinetic phenomena Tiseiius method of separation of protons of proteins - membrane potential. Elecrodics - mechanism of electrode reactions - polarization and over potential - the Butler volmer equation for one step and multistep electron transfer reaction - significance of equilibrium exchange current density and symmetry factor -significance of transfer coefficient - mechanism of the hydrogen evolution reaction and oxygen evolution reactions. Some electrochemical reactions of technological interest - corrosion and passivity of metals - construction and use of Pourbaix and Evans diagrams - methods of protection of metals from corrosion, fuel cells - electro deposition.

Chemical kinetics: Simultaneous reactions - opposing, parallel and consecutive reactions, the steady state approximation - theories of reaction rates - transition state theory and collision theory a comparison - enthalpy, entropy and free energy of activation, potential energy surfaces, reaction coordinates, kinetic isotope effects, factors determining reaction rates in solution, solvent dielectric constant and ionic strength. Chain reactions - linear reactions, branching chains - explosion limits; Rice–Herzfeld scheme; kinetics of free radical polymerization reactions. Enzyme catalysis - rates of enzyme catalysed reactions - effect of substrate concentration, pH and temperature - determination of Michael's parameters.

Statistical thermodynamics: Maxwel's law of distribution of molecular speeds, graphical representation, experimental verification - derivation of expressions for average, most probable and

root mean square velocity. Concept of velocity space and phase space -perturbution and combination - laws of probability - microstates for distinguishable and indistinguishable particles. Derivation of Maxwell Boltzmann distribution law - partition functions and their calculation. Expressions for thermodynamic quantities in terms of partition functions - translational, rotational, vibrational and electronic contributions to the thermodynamic properties of perfect gases, Intermolecular forces in imperfect gases. Statistical interpretation of laws of thermodynamics, third law of thermodynamics and apparent expression to it. Quantum statistics: Limitation of classical statistics - quantum statistics and classical statistics, comparison - heat capacities of gases in general and hydrogen in particular - heat capacities of solids. Einstein and Debye models - Bose Einstein statistics and Fermi Dirac statistics and corresponding distribution functions - applications of quantum statistics to liquid helium, electrons in metal and Planck's radiation law.

Photochemistry: Absorption and emission of radiation, Franck Condon principle decay of electronically excited states, radiative and non-radiative processes, fluorescence and phosphorescence, spin-forbidden radiative transitions, inter conversion and intersystem crossing. Theory of energy transfer - resonance and exchange mechanism, triplet-triplet annihilation, photosensitization and quenching.Spontaneous and induced emissions.Einstein transition probability - inversion of population - laser and masers. Flash photolysis: Chemi and thermoluminescence.

Surface chemistry: Surface Phenomena, Gibbs adsorption isotherm, types of adsorption isotherms, solid-liquid interfaces, contact angle and wetting, solid-gas interface, physisorption and chemisorption, Freundlich, derivation of Langmuir and BET isotherms, surface area determination. Kinetics of surface reactions involving adsorbed species, Langmuir-Hinshelwood mechanism, Langmuir-Rideal mechanism, Rideal-Eley mechanism. Surface Films, Langmuir-Blodgett films, self assembled mono layers, collapse pressure, surface area and mechanism of heterogeneous catalysis, phase transfer catalysis. Chemical analysis of surfaces: Surface preparations - spectroscopic surface characterization methods, electron spectroscopy, ion scattering spectrometry, secondary ion scattering microscopy (SIMS) - Auger electron spectroscopy - instrumentation and application. Electron stimulated micro analysis, scanning probe microscopes.

DEPARTMENT OF CIVIL ENGINEERING

STRUCTURAL ENGINEERING

Mechanics: Bending moment and shear force in statically determinate beams. Simple stress and strain relationship: Stress and strain in two dimensions, principal stresses, stress transformation, Mohr's circle. Simple bending theory, unsymmetrical bending, flexural and shear stresses, unsymmetrical bending, shear centre. Thin and thick cylinders, uniform torsion, buckling of column, combined and direct bending stresses.

Structural Analysis: Analysis of statically determinate and indeterminate structures, influence lines for determinate and indeterminate structures. Basic concepts of matrix methods of structural analysis.

Concrete Structures: Concrete Technology- properties of concrete, basics of mix design. Concrete design- basic working stress and limit state design concepts, analysis and design of members subjected to flexure, shear, compression and torsion by limit state methods. Basic elements of prestressed concrete, analysis of beam sections at transfer and service loads.

Steel Structures: Analysis and design of tension and compression members, beams and beam-columns, column bases. Connections- simple and eccentric, beam–column connections, plate girders and trusses. Plastic analysis of beams and frames.

Building materials and construction, construction management – principles and applications

ENVIRONMENTAL ENGINEERING

Water requirements: Quality standards, basic unit processes and operations for water treatment. Drinking water standards, water requirements, Water quality and tests, bacteriology of water – tests, basic unit operations and unit processes for surface water treatment, distribution of water.Sewage and sewerage treatment, quantity and characteristics of wastewater. Primary, secondary and tertiary treatment of wastewater, sludge disposal, effluent discharge standards. Domestic wastewater treatment, quantity of characteristics of domestic wastewater, primary and secondary treatment Unit operations and unit processes of domestic wastewater, sludge disposal.

Air Pollution: Types of pollutants, their sources and impacts, air pollution meteorology, air pollution control, air quality standards and limits.

Municipal Solid Wastes: Characteristics, generation, collection and transportation of solid wastes, engineered systems for solid waste management (reuse / recycle, energy recovery, treatment and disposal).

EIA: Evolution of EIA – Concepts – Methodologies – Screening – Scoping – Mitigation – Public participation - Environmental Audit – Life cycle assessment – EMS

TRANSPORTATION ENGINEERING

Highway Engineering: Highway development and planning - Highway alignment - Geometric design - Pavement materials - Pavement Design

Traffic Engineering: Characteristics of traffic elements – Highway capacity – Traffic studies and surveys - Road accidents - Traffic regulation and control

Railway Engineering: Location surveys and alignment - Permanent way - Geometric design - Track Junctions - Points and crossings - Railway stations and yards - Signaling and interlocking

Airport Engineering: Aircraft characteristics - Airport obstructions and zoning - Runway -Taxiways and aprons - Terminal area planning

Docks and Harbours: Types of harbour - Layout and planning principles - breakwaters – docks - wharves and quays - Transit sheds – warehouses - navigation aids

GEOTECHNICAL ENGINEERING

Soil Mechanics: Origin of soils, soil classification, three-phase system, fundamental definitions, relationship and interrelationships, permeability &seepage, effective stress principle, consolidation, compaction, shear strength.

Foundation Engineering: Sub-surface investigations- scope, drilling bore holes, sampling, penetration tests, plate load test. Earth pressure theories, effect of water table, layered soils. Stability of slopes - infinite slopes, finite slopes. Foundation types-foundation design requirements. Shallow foundations-bearing capacity, effect of shape, water table and other factors, stress distribution, settlement analysis in sands & clays. Deep foundations–pile types, dynamic &static formulae, load capacity of piles in sands &clays, negative skin friction.

WATER RESOURCES ENGINEERING

Fluid Mechanics and Hydraulics: Properties of fluids, principle of conservation of mass, momentum, energy and corresponding equations, potential flow, applications of momentum and Bernoulli's equation, laminar and turbulent flow, flow in pipes, pipe networks. Concept of boundary layer and its growth. Uniform flow, critical flow and gradually varied flow in open channels, specific energy concept, hydraulic jump. flow measurements in channels, pipes. Dimensional analysis and similitude. Velocity triangles and specific speed of pumps and turbines.

Hydrology: Rainfall, evaporation & infiltration, unit hydrographs, flood estimation, reservoir capacity, Ground water, Well hydraulics.

Irrigation: Duty, delta, estimation of evapotranspiration. Crop water requirements. Hydraulic structures, gravity dams and spillways, earthen dams. Weirs on permeable foundation, cross drainage works. Types of irrigation system, irrigation methods. Water logging and drainage.

SURVEYING

Importance of surveying, principles and classifications, mapping concepts, coordinate system, map projections, measurements of distance and directions, leveling, theodolite traversing, plane table surveying, errors and adjustments, curves, remote sensing and GIS

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

MIC, MICROSTRIP and STRIPLINE fundamentals, S Parameters, ABCD parameters, smith chart basics, Different Lengths of Transmission lines. Basics of antennas, High frequency antennas, Metamaterial antennas. Basics of fiber optic communication, fiber amplifiers, applications. Microprocessors, Microcontrollers, Embedded systems, DSP Processors. Analog Integrated Circuits, Digital Systems, Basics of VLSI, **Verilog**, ASIC, DSP for VLSI, Communication Theory . Computer Networks. Wireless Communication, Electromagnetic Theory Signals & Systems, DSP, Statistical theory of Communication.

DEPARTMENT OF ELECTRICAL AND ELETRONICS ENGINEERING(EEE)

Mathematics for electrical engineers;
Electric circuits, signals and systems and field theory;
dc machines, transformers and ac machines;
Transmission & distribution systems, power systems - analysis, operation & control;
Control systems;
Electrical and electronics measurements;
Power electronics and drives;
Analog and digital electronics – integrated circuits;
Microprocessors and basics of computers;

DEPARTMENT OF HUMANITIES

LINGUISTICS:

1. Language and linguistics – Language acquisition and learning – Behaviourist and Cognitivist schools.
2. Grammar, lexis – Phonology and morphology – Internalization – Grammatical competence – Generative grammar.
3. L 2 Acquisition and learning – Theories of SLA and SLL – Bilingualism— Bilingual communities – needs and reasons.
4. Contrastive analysis – Contrastive linguistics – Contrastive grammar –Semantics- Restriction in meaning.
5. Relevance of linguistics to teaching – Class room methods – Selection of materials - Managing learner difficulties.

ENGLISH LANGUAGE TEACHING:

1. Theories of language teaching – Audio-lingual, grammar translation, total Immersion – Communicative language teaching – computer aided teaching
2. English for specific purposes – English for occupational purposes – English for Academic purposes – English for Science & Technology.
3. Importance of the four language skills – Role of materials, tasks in learning – Methodology and its role in the learning process.
4. Evaluation methods and testing techniques – testing as a teaching procedure – Designing tasks and tests – Evaluating testing methods.
5. Teacher orientation and training – Class room interaction – Motivating and Managing learners – Responding to diversity – School, curriculum and society – Teacher, a professional.

COMPUTER AIDED LANGUAGE LEARNING

1. Computer – Scope in language teaching - Integration of CALL – the Natural languages –Synthesis – Universal Grammar.
2. Background of CALL – Constructivist theory of learning – Self learning and testing -- Interactive learning practice.
3. Individual styles and motivation – Student tracking—Affective impact of computer learning – Problems and possibilities.
4. Material production – Online communication – Reaching the disadvantaged lean – varied leaning pace – Creative element in CALL
5. Competence of English teachers in computer use – Interactive software and CD ROMs – Future trends

Economics

Definition of Economics - National Income - Definition - Computation of National Income - Portfolio Investment - Business Cycle - Phillips Curve - Unemployment - Inflation - Aggregate Demand and Supply - Classical Vs Keynesian - Budget - Multiplier - Accelerator - Debt management - Federal Reserve System - Quantity theory of Money - Balance of Payments - Exchange Rates - IM and IS - Demand and Supply - Utility theories - Consumer Surplus - Producers Surplus - Cost Analysis - BEP

DEPARTMENT OF INSTRUMENTATION AND CONTROL ENGINEERING

Linear Algebra: Matrix Algebra, Systems of linear equations, Eigen values and eigen vectors.
Calculus: Mean value theorems, Theorems of integral calculus, Evaluation of definite and improper integrals, Partial Derivatives, Maxima and minima, Multiple integrals, Fourier series. Vector identities, Directional derivatives, Line, Surface and Volume integrals, Stokes, Gauss and Green's theorems.
Differential equations: First order equation (linear and nonlinear), Higher order linear differential equations with constant coefficients, Method of variation of parameters, Cauchy's and Euler's equations, Initial and boundary value problems, Partial Differential Equations and variable separable method.
Complex variables: Analytic functions, Cauchy's integral theorem and integral formula, Taylor's and Laurent' series, Residue theorem, solution integrals.
Probability and Statistics: Sampling theorems, Conditional probability, Mean, median, mode and standard deviation, Random variables, Discrete and continuous distributions, Poisson, Normal and Binomial distribution, Correlation and regression analysis.
Numerical Methods: Solutions of non-linear algebraic equations, single and multi-step methods for differential equations.
Transform Theory: Fourier transform, Laplace transform, Z-transform.

Basics of Circuits and Measurement Systems: Kirchoff's laws, mesh and nodal Analysis. Circuit theorems. One-port and two-port Network Functions. Static and dynamic characteristics of Measurement Systems.Error and uncertainty analysis.Statistical analysis of data and curve fitting.
Transducers, Mechanical Measurement and Industrial Instrumentation: Resistive, Capacitive, Inductive and piezoelectric transducers and their signal conditioning. Measurement of displacement, velocity and acceleration (translational and rotational), force, torque, vibration and shock.Measurement of pressure, flow, temperature and liquid level.Measurement of pH, conductivity, viscosity and humidity.
Analog Electronics: Characteristics of diode, BJT, JFET and MOSFET. Diode circuits.Transistors at low and high frequencies, Amplifiers, single and multi-stage.Feedback amplifiers.Operational amplifiers, characteristics and circuit configurations.Instrumentation amplifier.Precision rectifier.V-to-I and I-to-V converter. Op-Amp based active filters. Oscillators and signal generators.
Digital Electronics: Combinational logic circuits, minimization of Boolean functions. IC families, TTL, MOS and CMOS.Arithmetic circuits. Comparators, Schmitt trigger, timers and mono-stable multi-vibrator. Sequential circuits, flip-flops, counters, shift registers. Multiplexer, S/H circuit.Analog-to-Digital and Digital-to-Analog converters.Basics of number system.Microprocessor applications, memory and input-output interfacing.Microcontrollers.
Signals, Systems and Communications: Periodic and aperiodic signals. Impulse response, transfer function and frequency response of first- and second order systems. Convolution, correlation and characteristics of linear time invariant systems.Discrete time system, impulse and frequency

response. Pulse transfer function. IIR and FIR filters. Amplitude and frequency modulation and demodulation.Sampling theorem, pulse code modulation.Frequency and time division multiplexing. Amplitude shift keying, frequency shift keying and pulse shift keying for digital modulation.

Electrical and Electronic Measurements: Bridges and potentiometers, measurement of R,L and C. Measurements of voltage, current, power, power factor and energy. A.C & D.C current probes. Extension of instrument ranges. Q-meter and waveform analyzer.Digital voltmeter and multi-meter.Time, phase and frequency measurements.Cathode ray oscilloscope.Serial and parallel communication.Shielding and grounding.

Control Systems and Process Control: Feedback principles. Signal flow graphs. Transient Response, steady-state-errors.Routh and Nyquist criteria. Bode plot, root loci. Time delay systems.Phase and gain margin.State space representation of systems.Mechanical, hydraulic and pneumatic system components.Synchro pair, servo and step motors. On-off, cascade, P, P-I, P-I-D, feed forward and derivative controller, Fuzzy controllers.

Analytical, Optical and Biomedical Instrumentation: Mass spectrometry. UV, visible and IR spectrometry.X-ray and nuclear radiation measurements.Optical sources and detectors, LED, laser, Photo-diode, photo-resistor and their characteristics.Interferometers, applications in metrology.Basics of fiber optics. Biomedical instruments, EEG, ECG and EMG. Clinical measurements.Ultrasonic transducers and Ultrasonography. Principles of Computer Assisted Tomography.

DEPARTMENT OF METALLURGICAL AND MATERIALS ENGINEERING

"The question paper for written test in dept Metallurgical and materials engineering , for temporary faculty year 2013, will be at the general competency level of a degree holder in B.Tech. Metallurgical and Materials Engineering . Question will cover various areas of metallurgy and materials."

DEPARTMENT OF COMPUTER APPLICATIONS

1. Computer Organization and Architecture
2. Data Base Management Systems
3. Operating Systems
4. Computer Networks
5. Programming Languages
6. Data Structures and Algorithms
7. Software Engineering

DEPARTMENT OF MANAGEMENT STUDIES

1. Marketing Management
2. Principles of management
3. Fundamentals of principal accounting
4. Financial management
5. Information Management
6. Corporate IS Strategy and Management
7. Intro to BAITC
8. System Analysis and Design
9. Software Project Management
10. Organizational behavior
11. Human Resource Management
12. Operation Research
13. Production and operations research
14. Quantitative techniques

DEPARTMENT OF MATHEMATICS

Algebra, Matrix, Calculus, Differential Equations, Partial Differential Equations, Real Analysis, Complex Analysis, Complex Integration, Integral Transforms, Numerical Methods, Fourier Series, Probability and Statistics.

DEPARTMENT OF MECHANICAL ENGINEERING

Engineering Mechanics, Industrial safety, Mechatronics, Enginering Graphics, CAD/CAM, Automobile engineering, Thermal Engineering, Machine Design, Turbo machines, Power Plant Engineering, Refrigeration & Air-conditioning, Mechanics of Machines, Thermodynamics, Heat Transfer, GD & T, Machine drawing

DEPARTMENT OF PRODUCTION ENGINEERING

ENGINEERING MATHEMATICS: Linear Algebra Calculus Differential equations: Complex variables: Probability and Statistics: Numerical Methods:

GENERAL ENGINEERING: Engineering Materials: Applied Mechanics: Theory of Machines and Design: Thermal Engineering:

PRODUCTION ENGINEERING: Metal Casting: Metal Forming: Metal Joining Processes: Machining and Machine Tool Operations: Tool Engineering: Metrology and Inspection: Powder Metallurgy: Polymers and Composites: Manufacturing Analysis: Computer Integrated Manufacturing

INDUSTRIAL ENGINEERING: Product Design and Development: Engineering Economy and Costing: Work System Design: Facility Design: Production Planning and Inventory Control: Operation Research: Quality Management: Reliability and Maintenance: Management Information System. Intellectual Property System: