

ANNA UNIVERSITY OF TECHNOLOGY CHENNAI
CHENNAI 600 113

A.C.T COLLEGE OF ENGINEERING AND
TECHNOLOGY
UTHIRAMERUR HIGH ROAD, NELVOY 603 107,
KANCHEEPRUAM DISTRICT

**Submission of
Application for Affiliation
for the Academic year
2011-12**

**Centre for Affiliation and Research
Anna University of Technology Chennai
Tharamani, Chennai 600 113**

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**ANNA UNIVERSITY OF TECHNOLOGY CHENNAI
THARAMANI, CHENNAI 600 113**

Application for Affiliation for the Academic Year 2011-12

1. College

- i. Name of the College : A.C.T. College of Engineering and Technology
- ii. Address of the site as approved by the AICTE : 15, Nelvoy Village, Bukkathurai, Uthiramerur High Road
Madhurantham Taluk, Kancheepuram Dist.
Tamil Nadu-603107
- a) Name of the Village : Nelvoy Village
- b) Name of the Taluk : Madhurantham Taluk
- c) Name of the District : Kancheepuram Dist.
- d) Pincode : 603 107
- e) Nearest Landmark :
- iii. Is the college functioning at the above said-approved site? : Yes
- iv. Telephone Numbers : 044- 27293895, 27293896, 27293090
- v. Fax Numbers : 044-27297190
- vi. e-mail : acttrust@yahoo.com
- vii. Website address : www.actcet.com
- viii. Year of establishment of the college : 2008-2009
- ix. Category of the College : **Non - minority**
(please tick (√) the appropriate box)

Non Minority	Minority						
	Linguistic			Religious			Others (specify)
	Malayalam	Telugu	Sourashtra	Christian	Muslim	Jain	
√							

2. Trust / Society

- i. Name of the Trust / Society : A.C.T. Educational and Charitable Trust
- ii. Address of the registered office : 2070-1st Street, Vasantham Colony,
Anna Nagar, Chennai 600 040
- iii. Registration number : 2028/2004
- iv. Date of registration : 24/12/2004
- v. Name of the Chairman / Secretary/
Correspondent : Thiru T. Kumar
- vi. Telephone numbers - Office : 044-26531612
Residence : 044-26182203
- vii. Fax numbers : 044-26531612
- viii. Mobile numbers : 9841747184
- ix. e-mail : acttrust@yahoo.com

3. Principal

- i. Name : Dr. V.Ramanathan
- ii. Qualification : M.E, PGDBA, Ph.D.,
- iii. Date of Joining : 03.08.2010
- iv. Telephone numbers – Office : 044- 27293895
Residence :
- v. Fax numbers : 044-27297190
- vi. Mobile numbers : 9994114223
- vii. e-mail : principalact@gmail.com
- viii. Residential address : C8, Soundariyam Apartments, EB
road, Mugappair East, Chennai - 37

7	Thiru. Sarathkakanu	Member	M.Arch(USA), M.A Planning (USA)	Eminent professional from the area of Engineering & Technology	Managing Director, Pioneer Homes	9884095415	sarath@pioneergrups.co.in	63, Bishop Garden, Rajaanamalaipuram, Chennai-58
8	Rev.Dr. Francis Soundararaj	Member	M.A., B.D., Ph.D., Post Doctoral (Edin), Emeritus Fellow(UGC) PGCTE(CIEFL)	Academician of excellence	Professor Former Principal MCC, Tambaram	9444613430		2, Solomoan Street, East Tambaram, Chennai-45.
9	Dr. S.K.Edwin	Member	M.A., M.Phil., Ph.D	Academician of excellence	Professor IG CET	9443990327	yeskedwin@gmail.com	52A/Alagesan Nagar, Chengalpattu-603001
10	Dr. M.Helen Santhi	Member	B.E., M.S., Ph.D	Faculty from the University / affiliated colleges	Principal IG CET	9444260260	mhelensanthi@yahoo.com	Plot No.41, 2nd Main Road,Devaraj Nagar, Sholinganallur, Chennai-119
11	Dr. V.Ramanathan	Member Secretary	M.E., Ph.D	Member Secretary Principal (ex-officio)	Principal A.C.TCET	9994114223	principalact@gmail.com	C8, Soundariyam Appartments, EB road, Mugappair East, Chennai-37

**5. Planning and Monitoring Board
Composition**

Sl. No	Name	Position (Chairman / Member)	Category	Qualification	Present Professional Position / Occupation	Telephone Numbers	E- Mail	Address
1	Dr. V.Ramanathan	Chairman	Principal of the College	M.E., Ph.D	Principial	9994114223	principalact@gmail.com	C8, Soundariyam Appartments, EB road, Mugappair East, Chennai-37
2	Prof. T.Doraisamy	Member	Senior faculty member of the College	B.E., M.Sc Engg	Director	9952422213	dencompltd@hotmail.com	12, Tholkapiar Street, Old Katpadi, Vellore-632007
3	Prof. S.Rajendran	Member	Senior faculty member of the college	B.E., M.Sc Engg	Professor	9444666296	rajendran1950@gmail.com	Plot 213, F2 VGP Nagar, Mugappair West, Chennai
4	Dr. S.K.Edwin	Member	Senior faculty from University/ other college	M.A., M.Phil., Ph.D	Professor IG CET	9443990327	yeskedwin@gmail.com	52A/Alagesan Nagar, Chengalpattu-603001
5	Thiru. R.Kulothungan	Member	Industrial experts in the field of engineering / technology	B.Tech (Chemical)	Vice- President (Projects) ORIENT GREEN POWER CO,Ltd	9443136110	vpogpl@gmail.com	DABC, B1/30, Gokulam Apartment, Phase II, Mogappair West, Chennai-37
6	Thiru. R.Nagarajan	Member	Industrial experts in the field of engineering / technology	B.E., F.I.E., FISLE.,	Former SE TNEB	-	-	-
7	Thiru. Sarathkakanu	Member	An expert in the area of Architecture/ Civil Engineering	M.Arch(USA), M.A. Planning (USA)	Managing Director Pioneer Homes	9884095415	sarath@pioneergrroups.co.in	63, Bishop Garden, Rajaanamalaipuram, Chennai-58

6. i. Discipline and Welfare Committee

Composition

Sl.No	Name	Position	Category	Present Professional Position / Occupation	Telephone Numbers	E-Mail	Address
1	Prof. T.Doraisamy	Chairman	Senior Head of the Department	Director	9952422213	dencompltd@hotmail.com	12, Tholkapiar Street, Old Katpadi, Vellore-632007
2	Prof. S.Rajendran	Member	Head of the Department	Professor Mechanical	9444666296	rajendiran1950@gmail.com	Plot 213, F2 VGP Nagar, Mugappair West, Chennai
3	Dr. S.Saravanan	Member	Head of the Department	Professor Mathematics	9551841399	prof.dr.saran@gmail.com	4, Thirunavukarasu street, Guduvancheri - 603 202
4	Thiru S.Kamlakannan	Member	Head of the Department i/c	Assistant Professor EEE	9443877914	mypkg194@gmail.com	MIG - 409 Vallal Ori St, Maraimalai Nagar, Kanchipuram Dist.
5	Thiru M.Mahendran	Member	Warden / Deputy Warden of Boys Hostel	Physical Director	9894291200	mahendran.mraji@gmail.com	G4 S.K. apartments, Visalatchi Nagar, Sevelimedu, Kancheepuram - 631 502
6	Selvi D.Anitha	Member	Warden / Deputy Warden of Girls Hostel	Lecturer Mathematics	9566038861	aniriasm@gmail.com	26, Amman Kovil st, V.Kattupalayam, Sathaguppam Post, Cuddlore - 4

7	Tmt. S.Ramya	Member	Lady faculty member	Lecturer English	9940567330	ramyavalan@gmail.com	3, Perumal Kovil St, Potheri, Kattangulattur Post - 603 203
8	Thiru E.Suresh Kumar	Convener	Student Counselor (Staff)	Lecturer CSE	9994123254	esuresh1982@gmail.com	Pulivoy village, Puthali post, Magaral via, Uthiramerur Taluk, Kanchipuram District-603406

ii. Complaints cum Redressal Committee Composition

Sl.No	Name	Position	Category	Profession	Telephone Numbers	E-Mail	Address
1	Tmt. S.Ramya	Member	Headed by a Senior Lady Member	Lecturer	9940567330	ramyavalan@gmail.com	3, Perumal Kovil St, Potheri, Kattangulattur Post - 603 203
2	Tmt. M.S. Preetha	Member	50% of the members represented by Ladies	Administrative Officer Trust	26531612	acttrust@yahoo.com	1, Ganapathy St, Mugappair West, Chennai-95
3	Dr. A.Daniel	Member	A third party either an NGO or an Outside Activist	Outside Activist	9789281508	acttrust@yahoo.com	F-2, Sterling Apartment, Giri Road, T.Nagar, Chennai-17.

Norms for composition:

- Should be headed by a senior lady member
- 50% of the membership of the committee should be represented by ladies
- A third party either an NGO or an outside activist who is familiar with the issue of sexual harassment in work place

7. Financial Stability of the Trust / Society

i. Savings Bank / Current Accounts

Sl. No.	Savings Bank / Current account	Bank Name	Branch	Account number	Balance amount at the end of last financial year (Rs.)	Balance amount as on date (Rs.)
1	Current A/c	South Indian Bank	Nelvoy	0291073000000073	5473	12150
2	Current A/c	South Indian Bank	Nelvoy	0291073000000074	179122.4	18575
3	Current A/c	South Indian Bank	Nelvoy	0291073000000075	0	11140
4	Current A/c	Deena Bank	Purasawakam Chennai	103011023756	6148.9	1106.38
5	Current A/c	IOB	Nolumbur	213902000002622	0	2109987

ii. Long term deposits

Sl. No.	Bank / Govt./ Govt. approved institution	Branch	Amount (Rs.)	Date of maturity
1	Deena Bank	Purasawakam Chennai	3500000	21.04.2016

iii. Value of Land and building

Sl. No.	Survey number	Location	Extent (sq.m)	Built up area (sq.m.)	Guideline value (Rs.)	Market value (Rs.)
1	298/1,298/3	Nelvoy Village	35360	18640.3	32170216	49850216
2	299/22B,23,25	Nelvoy Village	840	-----	420000	840000
3	299/15,299/16	Nelvoy Village	5000	-----	2500000	5000000

9. Details on Accreditation status awarded by National Board of Accreditation and Inclusion under Section 2(f) and 12(B) of the UGC Act, 1956 (Proof to be enclosed)

Sl. No.	Programme	Accreditation Status			Inclusion under sections 2(f) and 12(B) of the UGC Act, 1956			
		Accredited / Not Accredited	Period of accreditation, if accredited	Letter No. and date	Section 2(f)		Section 12(B)	
					Included / Not Included	Letter No. and date, if included	Included / Not Included	Letter No. and date, if included
NOT APPLICABLE								

10. Existing affiliated programmes

A. Details of the existing programmes

Sl. No.	Department	Degree	Programme	Year of introduction	Nature of affiliation (Permanent/Provisional)	Sanctioned intake for the preceding four academic years of the programme				Students admitted including lateral entry and transfer as on roll			
						2007-08	2008-09	2009-10	2010-11	Fourth year	Third year	Second year	First year
1	ENGG	B.E	CSE	2008	Provisional	-	60	60	60	-	48	-	31
2		B.E	EEE	2008	Provisional	-	60	60	60	-	52	31	39
3		B.E	ECE	2008	Provisional	-	60	60	60	-	64	13	38
4		B.TECH	IT	2008	Provisional	-	60	60	-	-	27	-	-
5		B.E	MECH	2009	Provisional	-	-	60	120	-	-	56	61
6		B.E	CIVIL	2010	Provisional	-	-	-	60	-	-	-	1

B. Programmes for which continuation of provisional affiliation is sought for the academic year 2011-12.

Sl. No.	Degree	Programme	Whether affiliation is sought for the academic year 2011-12?					
			If Yes				If No, answer one of the following	
			Sanctioned intake in the academic year 2010-11	Additional intake sought for the academic year 2011-12	Total intake sought for the academic year 2011-12	AICTE approved intake for the academic year 2011-12 (if available)	Do you want to suspend the programme? If yes, for how many years?	Do you want to phase out the programme?
1	B.E	CSE	60	-	60	60	NO	NO
2		ECE	60	(+)60	120	120		
3		EEE	60	-	60	60		
4		Mechanical	120	-	120	120		
5	Civil	60		60	60			

Note:

- For architecture programmes, approval from the Council of Architecture (COA) should be obtained for the academic year concerned in addition to AICTE approval.
- For B.E. – Marine Engineering, approval from the Directorate General of Shipping (DGS) should be obtained for the academic year concerned in addition to AICTE approval.

11. Additional programme(s) for which provisional affiliation is sought for the academic year 2011-12.

Sl. No.	Degree	Programme	Intake sought	AICTE approved intake, if available (Proof to be enclosed)
		NOT APPLICABLE		

Note:

- The request for affiliation will not be considered for 2011-12, which are not mentioned here.
- In case the approved curriculum and syllabi of the proposed programme(s) are not available at the time of application, those programme(s) will not be considered for affiliation.
- In respect of M.Sc. programmes, only continuation of provisional affiliation will be considered for the existing programmes and the request for affiliation of new programmes will not be considered.
- Inspection for variation in intake / additional programmes will be considered irrespective of the receipt of the AICTE approval. Inspection fee should be paid for the programmes to be inspected. Inspection fee paid once will not be refunded if inspection is carried out.

12. Details of students presently studying in all the years

S I. N O.	Pro gra m m e	Total Students			Number of students - religion wise								Number of students – community wise												No. of Students - Nationality				
													Hindus						Muslims		Christians								
		Hindus		Musli ms		Christi ans		Others		SC		ST		MBC		BC		OC		OBC		OBC		Indian	NRI	Foreig n			
		B	G	T	B	G	B	G	B	G	B	G	B	G	B	G	B	G	B	G	B	G	B				G		
1	CSE	60	21	81	60	19	1	-	-	1	-	-	4	3	-	-	20	8	26	6	10	2	1	-	-	1	81		
2	EEE	116	6	122	100	4	2	1	2	-	-	-	12	1	-	-	41	2	50	1	11	-	2	1	2	-	12	2	
3	ECE	84	31	115	76	29	3	1	4	2	-	-	9	1	-	-	24	6	24	17	18	6	3	1	4	2	11	5	
4	IT	27	0	27	25	1	-	-	1	-	-	-	-	-	-	-	12	-	7	1	5	1	-	-	1	-	27		
5	MEC H	118	0	118	109	-	3	-	6	-	-	-	18	-	-	-	43	-	44	-	17	-	3	-	6	-	118		
6	CIVIL	1	-	1	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1		

B - Boys, G – Girls, T – Total


12 A. Details of students admitted under minority quota (applicable for Minority Status College)

SI. No.	Programme	Total Students		
		B	G	T
	Not Applicable	Not Applicable		
		Not Applicable		

13. Faculty- qualification and experience

i. Principal

A. Qualification

Principal name with stamp size photo	Date of birth and age	Qualification with class obtained starting from the highest degree	Corresponding specialization	Date of joining	Scale of pay	Present basic pay	Total emoluments	Signature
 Dr. V.Ramanathan	19.07.1950 60 years	Ph.D	EIE	03.08.10	16400-450-20500-500-22400	16400	40162	
		M.E 77%	AE					
		A.M.I.E (T.E) Equivalent to B.E – I class	ECE					

B. Experience

Position and years of experience					
Teaching			Industry		
Institution	Position	Years	Institution	Position	Years
IGCAR Training School/Homi Babha National Institute, IDeemed University, Kalpakkam	PG Teacher/Professor	8 years	Indira Gandhi Center for Atomic Research, Kalpakkam-603102	Scientist-H/Associate Director	33 years



Note:



- Principal may be shown as a Professor in the engineering/technology Department concerned.


ii. Details of faculty of Engineering & Technology Departments offering the programme(s) (Provide information separately for each Department)

Department

- A. Name of the HOD:**
(Provide the details in the format given below at the appropriate place along with other faculty members)
- B. Name of the B.E. / B.Tech. programme: EEE**
- C. Details of faculty available for the B.E. / B.Tech. programme in the Department:**
- a. Qualifications**






Sl. No.	Name of the faculty member with stamp-size photo	Regular/Visiting	Designation	Qualification with class obtained starting from the highest degree	Corresponding specialization	Date of birth and age	Date of joining the present post	Scale of pay	Present basic pay	Total emoluments	Signature of the faculty member
1	 Prof. T. Doraiswamy	R	Director/ Professor	M.Sc.(Engg)- II B.E.- I	EEE	01.07.1943	02.07.2008	16400- 450 - 22500	16400	40162	
2	 Mr. S. Kamalakannan	R	Asst. Prof HOD	Ph.D (Pursuing) M.E B.E	Invertors Power Electronics EEE	22.06.75 35 yrs	14.12.09	12000-420-18300	12000	26460	
3	Prof. Subramanya	R	Prof	Ph.D	EEE	12.6.45	3.4.10	16400-450-20900	16400	36162	



4	Ms.R.Kamatchi 	R	Asst .Prof	M.E – I Class	Power System	10.04.78 31 yrs	10.06.09	12000-420-18300	12000	26460	
5	 V.Maharajan	R	Lecturer	B.E – I class	EEE	10.4.78 32 yrs	21.6.10	8000-275-13500	8000	17640	
6	 S.Uma Maheswari	R	Lecturer	B.E – I class	EEE	4.12.80 30	9.7.10	8000-275-13500	8000	17640	
7	 Mr.S.Satheesh Kumar	R	Lecturer	M.E. I Class B.E I Class	Power Electronics And Drives	09-06-1986 24 Yrs.	18.1.10	8000-275-13500	8000	17640	
8	 Mr. V. Karunanidhi	R	Lecturer	B.E I Class	Electrical & Electronics	20.3.84 26 yrs	1.3.10	8000-275-13500	8000	17640	

9	Mr. Bhargav Krishna	R	Lecturer	M.E I Class B.E II Class	PEO EEE	10.1.86 24 yrs		8000-275-13500	8000	17640	
10	 Ms. Anusha M.P	R	Lecturer	B.E I Class	EEE	30.101985 25	20.1.11	8000-275-13500	8000	17640	
11	N.S.Srinivasan	R	Asst. Prof	B.E.,I,1970	EEE	15-06-47	21.11.10	12000-420-18300	12000	26460	
12	T.R.Ellappan	R	Prof	B.E.,I,1970	EEE	10.4.48		16400-450-20900	16400	36162	
13	S.Sivakumar	R	Lecturer	B.E.,I,2003 M.E.,2005	EEE	15-06-80		8000-275-13500	8000	17640	
14	S.Srinivasan	R	Lecturer	B.E.I,1994,	EEE	24-05-72		8000-275-13500	8000	17640	
15	C.P.Pillai	R	Lecturer	B.E.,I,1972	EEE	26-3-49		8000-275-13500	8000	17640	
16	P.Shanmugam	R	Lecturer	MS I Class B.E – I class	EEE	24.4.50		8000-275-13500	8000	17640	
17	T.K.Shanmugam	R	Lecturer	B.E.,I,1970	EEE	25-07-47		8000-275-13500	8000	17640	

b.Experience

Sl. No.	Name of the faculty member	Previous experience					
		Teaching			Industry		
		Institution	Position	Years	Organisation	Position	Years
1	Prof. T. Doraiswamy	C.I.T Coimbatore	Lecturer	6	T.N.E.B	Junior Electrical Engg.	1
		Kenya Polytechnic Nairobi	Lecturer	5 Months	Jeypore Sugar Company Ltd.	C.E.Er.	4
		Ganapathy Tulsi's Enng College	Principal	1	Muir Wilson Asspiciates, UK	Elec. Er.	2
		Bhajrang Engg. College	Principal	1	System Building Services, Uk	Consulting Er.	2
		Rajalakshmi Engg.College	HOD	2	Den Com (P) Ltd	Chairman & MD	18
		Bhajrang Engg. College	Director	6 Months	-	-	-
2	Mr. S. Kamalak Kannan	Mailam Eng. College	Asst.Prof	7			
		Adhiparasakthi Eng College	Lecturer	1			
		Jeppiar SRR Eng. College	Sr. Lecturer	1.5			
3	Miss. R. Kamatchi	S.C.S.V.M.V University	Lecturer	3			
		Thiruvalluvar Eng. College	Lecturer	1			
		Lord Venkateswara Eng.College	Lecturer	6 months			
		Pllavan Polytechnique	Lecturer	1			
4	Mr. V. Maharajan	Sri Krishna Engg College	Lecturer	3 Months	Nitizen Technologies	Programer	1 yr
5	Mrs. S. Uma Maheswari	Nil			Nil		
6	Mr.S.Satheesh Kumar	Krishnasamy Engineering College ,Kadalore.	Lecturer	3 Months	Nil	Nil	Nil
7	Mr. V. Karunanidhi				Contract Engineer	Development	1 yr 3 months
8	Mr. Bhargav Krishna				P.E.T.E Trnsformers	Administrator	6 months
9	Ms. Anusha M.P	Nil	Nil	Nil	SDL Engineering PVt Ltd	QMS Co-ordinator	2 yrs9 months
10	N.S.Srinivasan	Nil	Nil	Nil	Kerala State EB	Distribution Engineer	36 yrs
11	T.R.Ellappan	Banglore university	Asst. Prof	10 yrs			
12	S.Sivakumar	Nil	Nil	Nil	Nil	Nil	Nil
13	S.Srinivasan	Nil	Nil	Nil	Nil	Nil	Nil
14	C.P.Pillai	Kongu Eng College	AP	8 yrs			
15	P.Shanmugam	PG Eng College	AP	13 yrs			
16	T.K.Shanmugam				IGCAR	Design Engineer	32 yrs
17	Prof. G.K. Subramanya						

	Mr. M. Saravanan										
6	 Mr. T. Kalaimani	R	Lecturer	B.E – I CLASS	ECE	11.9.83 27 yrs	10.2.10	8000-275-13500	8000	17640	
7	 Mrs. Jayashree	R	Lecturer	B.E – I CLASS M.E – I Class	ECE	11.9.83 27 yrs	10.2.10	8000-275-13500	8000	17640	
8	 Mr. R. Dhanagopu	R	Lecturer	B.E – I CLASS	ECE	11.9.83 27 yrs	10.2.10	8000-275-13500	8000	17640	
9	 Mr. M. Noshma	R	Lecturer	B.E – I CLASS	ECE	11.9.83 27 yrs	10.2.10	8000-275-13500	8000	17640	
10	 Mr. G. Chandrasekaran	R	Lecturer	B.E I Class	ECE	20.3.84 26 yrs	1.3.10	8000-275-13500	8000	17640	

11	 S. Aravind	R	Lecturer	B.E – 2004 - I Class	ECE	20.4.83 27 yrs	10.11.10	8000-275- 13500	8000	17640	
12	 R.Divya	R	Lecturer	B.E.,I-class 2004	ECE	05-03-83	14.12.10	8000-275- 13500	8000	17640	
13	S.Sivaraman	R	Lecturer	B.E.,I/2003	ECE	23-05-82		8000-275- 13500	8000	17640	
14	Y.Ramaseshu	R	Prof	B.E.,I,1973 M.S.,I,1982	ECE	09.01.50		16400-450- 20900	164 00	36162	
15	S.R.Singh	R	Asst. Prof	B.E.,I, 1966	ECE	12-06-45		12000-420- 18300	120 00	26460	
16	S. Harikrishnan	R	Lecturer	M.E – I Class B.E.,I,2004	ECE	6.10.77		8000-275- 13500	8000	17640	
17	R.P.Sripathy	R	Lecturer	B.E.,I,1973 PGDipED,84	ECE	21-04-49		12000-420- 18300	120 00	26460	




b. Experience




Sl. No.	Name of the faculty member	Previous experience					
		Teaching			Industry		
		Institution	Position	Years	Organisation	Position	Years
1	Dr. V.Ramanathan	IGCAR Training School/Homi Babha National Institute, IDeemed University, Kalpakkam	PG Teacher/Professor	8 years	Indira Gandhi Center for Atomic Research, Kalpakkam-603102	Scientist-H/Associate Director	33 years
2	Mr.P.Saravana Kumar	SPCE	Lecturer	2			
		PMRIT	Lecturer	2			
3	Mr. D. Logabiraman	Meenakshi Eng. College	Lecturer	3.5 yrs	Supreme Telecommunication	SE	1.5 yrs
4	Mrs. S. Padmavathi	G.K. M College of Eng & Technology	Lecturer	2 yrs	Nil	Nil	Nil
5	Mr. M. Saravanan	S.M.Fomra Institute of Tech	Lecturer	1 yr	Vi Micro Systems	Control Support Eng	3 yrs
6	Mr. T.Kalaimani	Cheyyar Polytechnic College, Cheyyar Swamy Abedhandha Polytechnic Sri Krishna Eng. College Kodaikannal Institute	Lecturer	1 yr	Nil		
				1 yr			
				1 yr			
				1 yr 8 months			
7	Ms. Jayashree	Cheyyar Polytechnic College, Cheyyar Swamy Abedhandha Polytechnic Sri Krishna Eng. College Kodaikannal Institute	Lecturer	1 yr	Nil		
				1 yr			
				1 yr			
				1 yr 8 months			
8	Mr. R. Dhanagopu	S.A Polytechnic	Lecturer	2 yrs	Nil		
9	Mr. M.Nomsha	Nil	Nil				
10	Mr. Aravind				Polaris HCL Technologies	QMS coordinator Project LEader	2 yrs 2 yrs
11	Mr. Chandrasekaran				SQL Technologies	System Analyst	3 yrs

12	Mrs. Divya	Nil	Nil					
13	S.Sivaraman	Nil	Nil					
14	Y.Ramaseshu	Nil	Nil	Nil	IGCAR, Kalpakam	Research & Development Engineer	35 yrs	
15	S.R.Singh	CIT, Kovai	Lecturer	10 yrs				
16	S.Harikrishnan	AVIT University	Lecturer	6 yrs	Nil	Nil	Nil	
17	R.P.Sripathy							
18	S. Sivagaminathan				SPIC TRAINING CENTRE	Trainer	2 yrs	

Details of faculty available for the B.E. / B.Tech. programme in the Department of **CSE**

a. Qualifications

S. N O	Name of the faculty member with stamp-size photo	Regul ar/visiting	Designation	Qualification with class obtained starting from the highest degree	Corresponding specialization	Date of birth and age	Date of joining the present post	Scale of pay	Present basic pay	Total emoluments	Signature of the faculty member
1	 Mr. E. Suresh Kumar	R	Lecturer	M.E – I Class B.E – I Class	IE CSE	29.11.1982 27 yrs	22.04.09	8000-275-13500	8000	17640	
2	 Mr. Ramraj	R	Lecturer	M.Tech (Pursuing) M.B.A – I Class B.E – I Class	IT Finance CSE	10.04.1984 25 yrs	20.5.09	8000-275-13500	8000	17640	
3	 Mrs. M. Bharathi	R	Lecturer	B.Tech – I class	CSE	08.06.82 27 yrs	30.12.09	8000-275-13500	8000	17640	

4	 Mr. L. Srinivasan	R	Lecturer	B.Tech – II Class	IT	16.8.84 26 yrs	15.8.09	8000-275- 13500	8000	17640	
5	 Mr. Gokulnath	R	Lecturer	B.E.- I Class	CSE	4.1.83 26yrs	28.12.10	8000- 275- 13500	8000	17640	
6	 Mr. Prakash	R	Lecturer	B.E.- I Class	CSE	25.12.83 27 yrs	2.11.10	8000- 275- 13500	8000	17640	
7	R. Senthil Kumar	R	Asst. Prof	Ph.D (doing) M.E – I class B.E.- I Class	CSE	1.4.81 30 yrs	24.10.10	12000- 420- 18300	12000	26460	
8	K.Thangadurai	R	Lecturer	M.E – I class B.E.- I Class	CSE	15.6.84 26 yrs	16.11.10	8000- 275- 13500	8000	17640	





9	Prof. P.K. Prakash Sha	R	Professor	Ph.D M.E B.E	CSE	03.12.49	30.6.10	16400- 450- 20900	16400	36162	
10	R.Selvakumar	R	Asst. Prof	M.E – I class B.E.- I Class	CSE	16.11.82	16.12.10	12000- 420- 18300	12000	26460	
11	A.K. Thiyagukamtachy	R	Lecturer	M.E – I class B.E.- I Class	CSE	28.5.84	28.11.10	8000- 275- 13500	8000	17640	
12	P.J.Sridhar	R	Lecturer	M.E – I class B.E.- I Class	CSE	27.02.81	26.12.10	8000- 275- 13500	8000	17640	
13	M.Sivakumar	R	Asst. Prof	M.E – I class B.E.- I Class	CSE	13.6.75		12000- 420- 18300	12000	26460	
14	Gavash	R	Lecturer	M.E – I class B.E.- I Class	CSE	28.5.84		8000- 275- 13500	8000	17640	

b.Experience

Sl. No.	Name of the faculty member	Previous experience					
		Teaching			Industry		
		Institution	Position	Years	Organisation	Position	Years
1	Mr. E. Suresh Kumar				BHEL	Oracle Developer	8 months
2	Mr. T.Ramraj	Dhanalakshmi Srinivasa College of Eng	Lecturer	1.5	Cubic System	Programmer	1
3	Mrs. . M.Bharathi	Bapatta Eng. College, A.P	Lecturer	2.5 yrs			
4	Mr. L. Srinivasan				Delta Softwares	IT recruiter	1.5 yrs
5	Mr. Prakash	PB College of Eng.	Lecturer	8 months	Infitech Solution 3i Infotech	Instructor	5 months 2 yrs 11 months
6	Mr. Gokulnath				Sutherland technologies	Consultant	3 yrs
7	R. Senthil Kumar						
8	K.Thangadurai	AVIT Eng College	Lecturer	4 yrs			
9	Prof. P.K. Prakash Sha	CTC engg college	Prof	13 yrs			
10	R.Selvakumar	AVIT Eng College	Asst Prof	8 yrs			
11	A.K. Thiyagukamtachy	SRM Polytehcnic	Lecturer	6 yrs			
12	P.J.Sridhar				Info technologies	System Analyst	2 yrs
13	M.Sivakumar	Nil					
14	Gavash	Nil					

Details of faculty available for the B.E. / B.Tech. programme in the Department of IT

a. Qualifications



S . N O	Name of the faculty member with stamp-size photo	Regular/visiting	Designation	Qualification with class obtained starting from the highest degree	Corresponding specialization	Date of birth and age	Date of joining the present post	Scale of pay	Present basic pay	Total emoluments	Signature of the faculty member
1	 Mr. Poongavanam	R	Asst Prof	B.E – I class	CSE	22.12.81	21.7.10	12000-420-18300	12000	26460	
2	 Mr.K.Kamala Kannan	R	Lecturer	B.Tech – I class	IT	2.03.84 26 yrs	14.12.09	8000-275-13500	8000	17640	
3	 Mr. S.Santosh	R	Lecturer	B.Tech – I class	IT	2.10.84 26 yrs	24.1.2010	8000-275-13500	8000	17640	
4	 Mr. N.M.Rangesh	R	Lecturer	M.Tech – I class	IT	18.5.81 29 yrs	28.1.10	8000-275-13500	8000	17640	



b.Experience


Sl. No.	Name of the faculty member	Previous experience					
		Teaching			Industry		
		Institution	Position	Years	Organisation	Position	Years
1	Mr.K.Kamala Kannan	Sri Venkateswara College of Eng, A.P	Lecturer	1.5 yrs			
		Timmalai Eng College	Lecturer	1 yrs			
2	Mr. S.Santosh				Excult Consultancy	System Engineer	1 yr 8 months
3	Mr. N.M.Rangesh				G.K. Technologies	S.E	2 yrs
4	Mr. Poongavanam	Thiruvalluvar Engg College	Lecturer	4 yrs			

Details of faculty available for the B.E. / B.Tech. programme in the Department of **MECHANICAL ENGINEERING**

a. Qualifications

S . N O	Name of the faculty member with stamp-size photo	Regular/visiting	Designation	Qualification with class obtained starting from the highest degree	Corresponding specialization	Date of birth and age	Date of joining the present post	Scale of pay	Present basic pay	Total emoluments	Signature of the faculty member
1	 Mr. Rajendran	R	Professor	M.E B.E	Eng Design Mechanical	15.3.50 60 yrs	8.4.10	16400-450-20900	16400	36162	
2	 Mr. Rammohan	R	Lecturer	M.Tech I Class B.E	Energy Technology	06.05.1982 26 yrs	30.12.09	8000-275-13500	8000	17640	

3		R	Lecturer	B.E – I Class	Mechanical	3.6.1950 59yrs	9.2.10	8000-275-13500	8000	17640	
	Mr. Aravamudhan										
4		R	Asst. Prof	B.E – I Class	Mechanical	14.7.61	6..7.10	12000-420-18300	12000	26460	
	Mr. Ravichandar										
5	S.E.Kannan	R	Lecturer	B.TECH –I class	Mech	5.5.48	16.10.10	8000-275-13500	8000	17640	
6	D.S.Naidu	R	Lecturer	B.E.,I,1972 MBA,I,1984	Mech	16-10-49		8000-275-13500	8000	17640	
7	A.T.Vasudevan	R	Lecturer	B.E.,I,1968	Mech	12-07-45		8000-275-13500	8000	17640	
8	M.A.K.Iyer	R	Lecturer	B.E.,I,1971	Mech	14-04-48		8000-275-13500	8000	17640	

9	Mr. Anandh Barathi	R	Lecturer	M.E I Class B.E	Mechanical	20.6.76		8000-275-13500	8000	17640	
10	Ganesan	R	Lecturer	M.E I Class B.E	Mechanical	17.3.81		8000-275-13500	8000	17640	
11	N.Senthilkumar	R	Lecturer	M.E I Class B.E	Mechanical	28.3.81		8000-275-13500	8000	17640	
12	Nagarajan	R	Lecturer		Mechanical	7.7.81		8000-275-13500	8000	17640	
13	 Mr. Dinesh Kumar	R	Lecturer	B.E – I Class	Mechanical	3.6.1950 59yrs	9.2.10	8000-275-13500	8000	17640	

b. Experience

Sl. No.	Name of the faculty member	Previous experience					
		Teaching			Industry		
		Institution	Position	Years	Organisation	Position	Years
1	Mr. Rajendran				Defence Research Development organization, Ministry of Defence	Scientist	35 yrs 5 months
2	Mr. M.Rammohan	IFET College of Eng	Lecturer	6 months	Bright Brothers Ltd	Trainee	1 year
3	Mr.R. Aravamudhan				S.R.P Tools Ltd	Production Superintendent	7 yrs
					HTL Ltd, Chennai	Senior Manager	27 yrs
4	Mr. Ravichandar	Sri andal alagar Engg Colleg International Maritime Academy Santiago Study Circle	Asst. Prof Sr. Lect Tutor	2 yrs 1 yr 6 yrs			
5	S.E.Kannan				AERB Kalpakam	Scientist Grade H	30 yrs
6	D.S.Naidu				Kaveri Structurals, Trichy	QA Engg	25 yrs
7	A.T.Vasudevan	SSn Engg COLlege	Lecturer	2 yrs			
8	M.A.K.Iyer				Nuclear Power Station		25 yrs
9	Mr. Anandh Barathi	AVIT University	Lecturer	6 yrs			
10	Ganesan	VTI Polytechnic	Lecturer	5 yrs			
11	N.Senthilkumar	AVIT University	Lecturer	5 yrs			
12	Nagarajan	AVIT University	Lecturer	3 yrs			
13	Mr. Dinesh Kumar	Nil	Nil	Nil			



iii. ii. Science & Humanities and General Engineering faculty (For supporting engineering and technology programme (For M.Sc. programmes, the faculty shown here are not to be included)





A. Name of the HOD of each discipline





Mathematics - Prof.D. Saravanan
 English - Mrs. Ramya
 Physics - Mr. V. Lahksmanan
 Chemistry - Ms. A.Valarmathi




(Provide the details in the format given below at the appropriate place along with other faculty members)



a. Qualifications




S. N O	Name of the faculty member with stamp-size photo	Regular/visiting	Designation	Qualification with class obtained starting from the highest degree	Corresponding specialization	Date of birth and age	Date of joining the present post	Scale of pay	Present basic pay	Total emoluments	Signature of the faculty member
1	 J. Sumathi	R	Lecturer	M.Phil – I Class M.Sc – I Class B.Sc – I Class	Mathematics Mathematics Mathematics	29.5.85 25	09.07.10	8000-275-13500	8000	17640	
2	 Miss. D. Anitha	R	Lecturer	M.Phil – I Class M.Sc – I Class B.Sc – I Class	Mathematics – the classical group Mathematics Mathematics	23.11.84 26 yrs	1.09.08	8000-275-13500	8000	17640	

3	 Dr.D.Saravanan	R	Professor	Ph. D M.Sc – I class	Scheduling Mathematics	15.6.69 41	8.3.10	16400- 450- 20900	16400	36162	
4	 Mr. R.Movendran	R	Asst.Prof	M.Phil – I class M.Sc – I Class B.Sc – I Class	Mathematics	13.02.65 46 yrs	22.2.1 0	12000- 420- 18300	1200 0	26460	
5	 Mr. Gurunathan	R	Lecturer	M.Phil – I Class M.Sc – I Class B.Sc – I Class	Mathematics	20.5.79 31 yrs	6.01.1 0	8000- 275- 13500	8000	17640	
6	 Mr.N. Padmanadhan	R	Lecturer	M.Phil – I Class M.Sc – I Class B.Sc – I Class	Physics	22.5.85 25 yrs	1.6.09	8000- 275- 13500	8000	1764 0	

7	 Mr. V. Lakshmanan	R	Asst. Prof	M.Phil – I Class M.Sc – I Class	Physics	10.5.1970 41yrs	15.02.10	12000-420-18300	12000	26460	
8	 Miss.A. Valarmathi	R	Asst. Prof	M.Phil – I Class M.Sc – I Class B.Sc – I Class	Chemistry	20.07.64 47 yrs	22.10.09	12000-420-18300	12000	26460	
9	 Mrs . M.Meera	R	Lecturer	M.Phil – I Class M.Sc – I Class B.Sc – I Class	Chemistry	2.3.1984 27yrs	12.06.09	8000-275-13500	8000	17640	
10	 Mr. P. Paramasivam	R	Lecturer	M.Phil – I Class M.Sc – I Class B.Sc – I Class	Chemistry	20.5.1985 26 yrs	19.1.10	8000-275-13500	8000	17640	

11	 Mrs. S. Ramya	R	Lecturer	M.Phil – II Class (8.50 CGPA) M.A – I Class (8.30 CGPA) PGCTE – (2.07 CGPA) B.A – II Class	English	13.10.19 78 32	13.04.08	8000- 275- 13500	8000	17640	
12	 Mr.K.R.C. Sengathiravan	R	Asst. Prof	M.Phil – I Class M.A – I Class B.A – I Class	English	20.3.69 42	8.4.10	12000- 420- 18300	1200 0	26460	
13	 Mrs.R.Chamundeswari	R	Lecturer	M.Phil – I Class M.A – I Class B.Ed – II Class B.A – II Class	English	07.05.70 40	10.6.09	8000- 275- 13500	8000	17640	

14	 Mrs. S. Sudha	R	Lecturer	Ph.D–highly commendable M.Sc – I Class	Environment al Science Botany	25.11.75 35 yrs	8.4.10	8000-275-13500	8000	17640	
15	Mr. Aravindan	R	Lecturer	B.E – 2006 – I class	Civil	21-05-1985 25 yrs	8.4.10	8000-275-13500	8000	17640	
16	 Mr. Govindarasu	R	Lecturer	M.Phil – I Class M.Sc – I Class B.Sc – II Class	Physics	21.07.84 26	24.11.10	8000-275-13500	8000	17640	
17	V.Jayaprakashn arayanan	R	Asst. Prof	M.E- I class B.E – I class	EEE	17.05.71		12000-420-18300	12000	26460	
18	Mr. Raja	R	Asst. Prof	M.Phil – I Class M.Sc – I Class B.Sc – II Class	Maths	2.10.81		12000-420-18300	12000	26460	

19	 Mr. Veeramuthu	R	Lecturer	B.E – 2006- I class ECE	ECE	30.5.81		8000-275-13500	8000	17640	
20	P. Sathiyamurugan	R	Lecturer	M.E B.E	Applied Electronics ECE	3.12.80		8000-275-13500	8000	17640	
21	 S. Sivagaminathan	R	Lecturer	B.E.,I, 1966	ECE	21.06.1977 / 32 years		8000-275-13500	8000	17640	
22	 Mr. Vimal	R	Lecturer	M.Phil – I Class M.Sc – I Class B.Sc – II Class	Chemistry	14.8.82		8000-275-13500	8000	17640	
23	S.Ramasamy	R	Lecturer	MS.C (2006) ,M.PHIL (2009)		08.03.82		8000-275-13500	8000	17640	
24	K. Jayaram	R	Asst. Prof	M.E – 2004 I class B.E – 2001 I class	ECE	10.06.80		12000-420-18300	12000	26460	

9	Miss. A. Valarmathi	GCET Salem	Lecturer	1.5 yrs	Nil		
		Vel's Arts & Science College	Lecturer	3 yrs	Nil		
		KNC Arts & Science College	Lecturer	3 yrs	Nil		
		Danie Tr, Trg Institute	Lecturer	4.5 yrs	Nil		
		St. joesphs HSS	P.G	1 yr	Nil		
		St. joesph International School	B.T	3 yrs	Nil		
		Danie Mat. S	P.G	4.5 yrs	Nil		
					Nil		
10	Mrs. M.Meera	Dharam Induja M.H..S.S	P.G.T	1	Nil		
11	Mr. P. Paramasivam	Nil					
12	Mrs. S. Ramya	St. Joesph Mat.H.S.S	PGT	1	Nil		
		Vidhya Sagar Women's College	Lecturer	2	Nil		
		ICFAI National College	Soft Skill Trainer	2	Nil		
13	Mrs. R. Chamundeswari	Zion Mat H.S.S	PGT	1	Nil		
		P.M.R H.S.S	PGT	1	Nil		
		Dayanind Memorial H..S.S	PGT	4	Nil		
		Sharmila Goddess Mat.H.S.S	T.A	2.5	Nil		
		Little Flower H.S.S	T.G.T	1.5	Nil		

14	Mr. K.R.C. Sengathiravan	Balamani Arunachalam School of Engg	Asst .Prof	3 yrs			
		Dhanalakshmi Engg College of Engg	Lecturer	11 yrs			
		Vel.Tech Christian Eng College					
15	Mrs. Sudha	KVC Engg College	Lecturer	2 yrs			
16	Mr.Aravindan	Nil	Nil	Nil			
17	Mr. Vimal	Shri Bhavani Engg College	Lecturer	8 months			
		Sri Krishna Engg College		1 yr			
		J.A.Institute of Engg		1 yr			
18	Mr. Jayaprakash Narayanan	SRM University	Lecturer	5 yrs			
19	Mr. Raja	St. Peters Engg College					
20	Mr. P.Veeramathu	SRM Polytechnic	Lecturer	3 yrs			
21	Mr. P. Sathyamurugan	Nil	Nil		D.S.K.Paper Tubes & Containers	Quality Analyst	7 Months
22	Mr. S.Sivagaminathan	Nil	Nil		CSS Slash Support	Application Consultant	1 Yr.
23	Mr. S.Ramasamy	AVIT University	Lecturer	5 yrs			
24	Mr. Jayaram	Kongu College of Arts and Science	Senior Lecturer	6 yrs			

E. Name of the programme: M. Arch. / M. Plan - NOT APPLICABLE

F. Details of the faculty exclusively available for the M. Arch. / M. Plan. – programme-wise

a. Qualification

Sl. No.	Name of the faculty member with stamp-size photo	Regular/Visiting	Designation	Qualification with class obtained starting from the highest degree	Corresponding specialization	Date of birth and age	Date of joining the present post	Scale of pay	Present basic pay	Total emoluments	Signature of the faculty member

viii. Librarian and Director of Physical Education

A. Details of the staff

Sl. No.	Name of the staff member with stamp size photo	Department	Designation	Qualification	Date of joining the present post	Previous experience	Date of birth and age	Scale of pay	Basic pay	Total emoluments	Signature
1	Mr. R.Pandichamy	Library	Librarian	M.L.I.S	28.7.10	13	25.5.66	8000-225-13500	17350	8000	
3	M.Mahendran	P.D	P.D	M.P.Ed. M.Phil	15.04.09	1 year	12.08.80	8000-225-13500	17350	8000	

Academic years to be considered for the calculation of total sanctioned intake(s)					
Programmes	B.E./B.Tech.	B.Arch./B.I.D.	M.B.A. / M.Sc. (2 years)	M.C.A.	M.Sc. (5 years)
Academic years	2008-09 to 2010-11	2007-08 to 2009-10 + 2 times the sanctioned intake of 2010-11	2 times the sanctioned intake of 2010-11	2009-10 + 2 times the sanctioned intake of 2010-11	2007-08 to 2009-10 + 2 times the sanctioned intake 2010-11

R = Required, **A_i** = Available, **D** = Deficiency, **SSR** = Staff : Student Ratio

To find **R**, for different cadres, for a given total sanctioned strength **S**, refer **ANNEXURE I** for all programmes except B.Arch.

For B.Arch. programmes refer **ANNEXURE IIIi**. Consolidated details of faculty for M.E. / M.Tech. – **Not APPLICABLE**

Sl. No.	Name of the Programme(s)	Qualification	Required	Available	Deficiency %
1.		Ph.D.	1		
		M.E. / M.Tech.	2		
		Total	3		
2.		Ph.D.	1		
		M.E. / M.Tech.	2		
		Total	3		

iv. **Are training and development opportunities given to faculty members?**

If so provide details.

v. **Is performance appraisal system followed for faculty members?**

If so provide details.

15. Non-teaching staff

i. **Technical staff:** Provide the information separately for each Department.

Name of the Department:

Details of the staff

Sl. No.	Laboratory	Name of the staff	Designation	Qualification	Date of joining the present post	Previous experience	Date of birth and age	Scale of pay	Basic pay	Total emoluments	Signature
1.	ECE	Prabhu	Lab.Asst.	B.E	28.08.08	3 Years		3050	97%	5795	
2	Physics	R.Indumathi	Lab.Asst.	B.Sc	10.03.09	Nil	30.03.1988	3050	97%	5795	
3	ECE	Ramamoorthy	Lab.Asst	B.E	19.1.10	nil		3050	97%	5795	
4	Workshop	K.Sridhar	Lab.Asst.	I.T.I	12.07.08	10Years	07.10.1962	3050	97%	5795	
5	Electronics	D.Shenbagavalli	Lab.Asst.	D.E.C.E	16.06.09	2 Years	06.07.1982	3050	97%	5795	
6	Workshop	U.Dayalan	Lab.Asst.	D.M.E	12.8.09	1 year	10.1.89	3050	97%	5795	
7	Electrical	NandaKumar	Lab.Asst.	B.E .EEE	14.12.09	Nil	15.2.85	3050	97%	5795	
8	Computer	M.Gopikrishnan	Sys. Admin	D.C.T	10.07.09	1 year	01.07.1984	3050	97%	5795	
9	CSE	Sowrirajan	Lab.Asst	D.C.E	30.8.10	2 yrs	2.8.86	3050	97%	5795	
10	E E E	Senthil kumar	Lab.Asst	D.E.E.E	15.8.10	2 yrs	11.2.85	3050	97%	5795	

ii. Library and Physical Education Department

Details of the staff

Sl. No.	Department	Name of the staff	Designation	Qualification	Date of joining the present post	Previous experience	Date of birth and age	Scale of pay	Basic pay	Total emoluments	Signature
1	Mr. R.Pandichamy	Library	Librarian	M.L.I.S	28.7.10	13	25.5.66	8000-225-13500	17350	8000	
3	M.Mahendran	P.D	P.D	M.P.Ed. M.Phil	15.04.09	1 year	12.08.80	8000-225-13500	17350	8000	

Ministerial staff

Details of the staff

Sl. No.	Name of the staff	Place of work	Designation	Qualification	Date of joining the present post	Previous experience	Date of birth and age	Scale of pay	Basic pay	Total emoluments	Signature
1	J.Salai Kuberan	College	AO	B.Sc., PDBA	18.5.10	33 yrs	22.6.46	8000		15760	
2	C.Kumar	College	Acct. Officer	S.S.LC	18.5.10	40 yrs	15.6.48	7000		14760	
3.	N.Murthi	College	Cashier	B.Com.	6.8.08	1 year	19.5.1974	3000		5910	
4	Mrs. Uma Maheswari	College	Lab Asst	D.E.C.E	23.11.78	8.5 yrs	9.2.09	3000		5000	
5.	M.Devadoss	College	Lib. Asst.	B.A.	12.06.68	6 yrs	12.6.1968	3000		4000	
6	M.Lalitha	College	Lib. Asst.	S.S.L.C		25 yrs		3000		4000	
7	V.Amala	College	Office	B.Com	18.10.10	5 months	01.06.90	3000		4000	

16. Laboratory: Provide Department-wise details separately as Enclosure

Degree : Bachelor of Engineering
Programme : **COMPUTER SCIENCE**
Semester : 01
Regulation : 2008
Name of the Laboratory Course : COMPUTER PRACTICES LABORATORY 1

Sl. No.	Name of the equipment/software	Quantity required	Quantity available	Deficiency %
1	Hardware:- LAN System with 33 nodes (OR) Standalone PCs	33Nos	40Nos	Nil
	Printers	3Nos	3Nos	Nil
2	Software:- OS – Windows / UNIX Clone Application Package – Office suite, Compiler – C	33Nos	40Nos	Nil

Degree : Bachelor of Engineering.
 Programme : COMPUTER SCIENCE.
 Semester : 02
 Regulation : 2008
 Name of the Laboratory Course : COMPUTER PRACTICES LABORATORY 2

Sl. No.	Name of the equipment/software	Quantity required	Quantity available	Deficiency %
1	Hardware:- 1 UNIX Clone Server 33 Nodes (thin client or PCs)	34Nos	40Nos	Nil
	Printers	3Nos	3Nos	Nil
2	Software:- OS – UNIX Clone (33 user license or License free Linux) Compiler - C	34Nos	40Nos	Nil

Degree : Bachelor of Engineering.
 Programme : COMPUTER SCIENCE.
 Semester : 03
 Regulation : 2008
 Name of the Laboratory Course : OBJECT ORIENTED PROGRAMMING LAB

List of equipment required for a batch of 30 students for U.G. / 25 students for P.G.:

Sl. No.	Name of the equipment/software	Quantity required	Quantity available	Deficiency %
1	Hardware:- PCs	30Nos	40Nos	Nil
2	Software:- C++ Compiler J2SDK (freeware)	30Nos	40Nos	Nil

Degree : Bachelor of Engineering.

Programme : COMPUTER SCIENCE.
Semester : 03
Regulation : 2008
Name of the Laboratory Course : DATA STRUCTURS LAB

List of equipment required for a batch of 30 students for U.G. / 25 students for P.G.:

SI. No.	Name of the equipment/software	Quantity required	Quantity available	Deficiency %
1	Hardware:- PCs	30Nos	40Nos	Nil
2	Software:- C++ Compiler	30Nos	40Nos	Nil

Degree : Bachelor of Engineering.
 Programme : COMPUTER SCIENCE.
 Semester : 04
 Regulation : 2008
 Name of the Laboratory Course : OPERATING SYSTEM LAB

List of equipment required for a batch of 30 students for U.G. / 25 students for P.G.:

Sl. No.	Name of the equipment/software	Quantity required	Quantity available	Deficiency %
1	Hardware:- PCs	30Nos	40Nos	Nil
2	Software:- Linux Operating system(free ware)	30Nos	40Nos	Nil

Degree : Bachelor of Engineering.
 Programme : COMPUTER SCIENCE.
 Semester : 04
 Regulation : 2008
 Name of the Laboratory Course : DBMS LAB

List of equipment required for a batch of 30 students for U.G. / 25 students for P.G.:

Sl. No.	Name of the equipment/software	Quantity required	Quantity available	Deficiency %
1	Hardware:- PCs	30Nos	40Nos	Nil
2	Software:-	30Nos	30Nos	Nil

	VISUAL STUDIO, ORACLE 11G.			
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Degree : Bachelor of Engineering.
 Programme : COMPUTER SCIENCE.
 Semester : 05
 Regulation : 2008
 Name of the Laboratory Course : NETWORKS LAB

List of equipment required for a batch of 30 students for U.G. / 25 students for P.G.:

Sl. No.	Name of the equipment/software	Quantity required	Quantity available	Deficiency %
1	Hardware:- PCs	30Nos	40Nos	Nil
2	Software:- C++ Compiler J2SDK (freeware) Linux NS2/Glomosim/OPNET (Freeware)	30Nos	40Nos	Nil

Degree : Bachelor of Engineering.
 Programme : COMPUTER SCIENCE.
 Semester : 05
 Regulation : 2008
 Name of the Laboratory Course : SYSTEM SOFTWARE LAB

List of equipment required for a batch of 30 students for U.G. / 25 students for P.G.:

Sl. No.	Name of the equipment/software	Quantity required	Quantity available	Deficiency %
1	Hardware:- Hardware – Pentium PC Desktops	30Nos	40Nos	Nil
2	Software:- Software – Turbo C	30Nos	40Nos	Nil

(Freely download)			
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Degree : Bachelor of Engineering.

Programme : COMPUTER SCIENCE.

Semester : 05

Regulation : 2008

Name of the Laboratory Course : JAVA LAB

List of equipment required for a batch of 30 students for U.G. / 25 students for P.G.:

Sl. No.	Name of the equipment/software	Quantity required	Quantity available	Deficiency %
1	Hardware:- Hardware – Pentium PC Desktops	30Nos	40Nos	Nil
2	Software:- JUM & J2SE (Freeware) MYSQL or any other DB 30	30Nos	40Nos	Nil

Degree : Bachelor of Engineering.

Programme : COMPUTER SCIENCE.

Semester : 06

Regulation : 2008

Name of the Laboratory Course : OBJECT ORIENTED ANALYSIS & DESIGN LAB

List of equipment required for a batch of 30 students for U.G. / 25 students for P.G.:

Sl. No.	Name of the equipment/software	Quantity required	Quantity available	Deficiency %
1	Hardware:- Hardware – Pentium PC Desktops	30Nos	40Nos	Nil
2	Software:- ArgoUML, Eclipse IDE, Visual Paradigm, Visual case and Rational	30Nos	30Nos	Nil

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Degree : Bachelor of Engineering.
 Programme : COMPUTER SCIENCE.
 Semester : 06
 Regulation : 2008
 Name of the Laboratory Course : INTERNET PROGRAMMING LAB

List of equipment required for a batch of 30 students for U.G. / 25 students for P.G.:

Sl. No.	Name of the equipment/software	Quantity required	Quantity available	Deficiency %
1	Hardware:- Pentium IV with 2 GB RAM, 160 GB HARD Disk, Monitor 1024 x 768 colour 60 Hz.	30Nos	40Nos	Nil
2	Software:- Windows /Linux operating system JDK 1.6(or above) AJAX Oracle 9i(or above version) / Microsoft access	30Nos	30Nos	Nil

Degree : Bachelor of Engineering.
 Programme : COMPUTER SCIENCE.
 Semester : 07
 Regulation : 2008
 Name of the Laboratory Course : COMPUTER GRAPHICS LABORATORY

Sl. No.	Name of the equipment/software	Quantity required	Quantity available	Deficiency %
1	Hardware:- Hardware – Pentium PC Desktops	30Nos	40Nos	Nil
2	Software:- Turbo C Visual C++ with OPENGL	30Nos	30Nos	Nil

	Any 3D animation software like 3DSMAX, Maya, Blender			
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Degree : Bachelor of Engineering.
 Programme : COMPUTER SCIENCE.
 Semester : 07
 Regulation : 2008
 Name of the Laboratory Course : OPEN SOURCE LAB

List of equipment required for a batch of 30 students for U.G. / 25 students for P.G.:

Sl. No.	Name of the equipment/software	Quantity required	Quantity available	Deficiency %
1	Hardware:- 700 Mhz X86 Processor 384 MB of system memory (RAM) 40 GB of disk space Graphics card capable of 1024*768 resolution Sound Card Network or Internet Connection	30Nos	40Nos	Nil
2	Software:- Latest distribution of Linux	30Nos	40Nos	Nil

DEPARTMENT OF INFORMATION & TECHNOLOGY

Degree : Bachelor of Engineering
 Programme : INFORMATION TECHNOLOGY
 Semester : 01
 Regulation : 2008
 Name of the Laboratory Course : COMPUTER PRACTICE LAORATORY 1

Sl. No.	Name of the equipment/software	Quantity required	Quantity available	Deficiency %
1	Hardware:- LAN System with 33 nodes (OR) Standalone PCs	33Nos	40Nos	Nil
	Printers	3Nos	3Nos	Nil
2	Software:- OS – Windows / UNIX Clone Application Package – Office suite, Compiler – C	33Nos	40Nos	Nil

Degree : B.Tech.
 Programme : INFORMATION TECHNOLOGY.
 Semester : 02
 Regulation : 2008
 Name of the Laboratory Course : COMPUTER PRACTICE LAORATORY 2

Sl. No.	Name of the equipment/software	Quantity required	Quantity available	Deficiency %
1	Hardware:- 1 UNIX Clone Server 33 Nodes (thin client or PCs)	34Nos	40Nos	Nil
	Printers	3Nos	3Nos	Nil
2	Software:- OS – UNIX Clone (33 user license or License free Linux) Compiler - C	34Nos	40Nos	Nil

Degree : B.Tech.
 Programme : INFORMATION TECHNOLOGY.
 Semester : 03
 Regulation : 2008
 Name of the Laboratory Course : OBJECT ORIENTED PROGRAMMING LAB

Sl. No.	Name of the equipment/software	Quantity required	Quantity available	Deficiency %
1	Hardware:- PCs	30Nos	40Nos	Nil
2	Software:- C++ Compiler J2SDK (freeware)	30Nos	40Nos	Nil

Degree : B.Tech.
 Programme : INFORMATION TECHNOLOGY.
 Semester : 03
 Regulation : 2008
 Name of the Laboratory Course : DATA STRUCTURS AND ALGORITHMS LAB

List of equipment required for a batch of 30 students for U.G. / 25 students for P.G.:

Sl. No.	Name of the equipment/software	Quantity required	Quantity available	Deficiency %
1	Hardware:- PCs	30Nos	40Nos	Nil
2	Software:- C++ Compiler	30Nos	40Nos	Nil

Degree : B.Tech.
 Programme : INFORMATION TECHNOLOGY.
 Semester : 04
 Regulation : 2008
 Name of the Laboratory Course : OPERATING SYSTEM LAB

List of equipment required for a batch of 30 students for U.G. / 25 students for P.G.:

SI. No.	Name of the equipment/software	Quantity required	Quantity available	Deficiency %
1	Hardware:- PCs	30Nos	40Nos	Nil
2	Software:- Linux Operating system(free ware)	30Nos	40Nos	Nil

Degree : B.Tech.
 Programme : INFORMATION TECHNOLOGY.
 Semester : 04
 Regulation : 2008
 Name of the Laboratory Course : DBMS LAB

SI. No.	Name of the equipment/software	Quantity required	Quantity available	Deficiency %
1	Hardware:- PCs	30Nos	40Nos	Nil
2	Software:- VISUAL STUDIO, ORACLE 11G.	30Nos	30Nos	Nil

Degree : B.Tech.
 Programme : INFORMATION TECHNOLOGY.
 Semester : 05
 Regulation : 2008
 Name of the Laboratory Course : SYSTEM SOFTWARE LAB

Sl. No.	Name of the equipment/software	Quantity required	Quantity available	Deficiency %
1	Hardware:- Hardware – Pentium PC Desktops	30Nos	40Nos	Nil
2	Software:- Software – Turbo C (Freely download)	MULTIUSER	40Nos	Nil

Degree : B.Tech.
 Programme : INFORMATION TECHNOLOGY.
 Semester : 05
 Regulation : 2008
 Name of the Laboratory Course : JAVA PROGRAMMING LAB

List of equipment required for a batch of 30 students for U.G. / 25 students for P.G.:

Sl. No.	Name of the equipment/software	Quantity required	Quantity available	Deficiency %
1	Hardware:- Hardware – Pentium PC Desktops	30Nos	40Nos	Nil
2	Software:-	30Nos	40Nos	Nil

	JUM & J2SE (Freeware) MYSQL or any other DB 30			
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Degree : B.Tech.
 Programme : INFORMATION TECHNOLOGY.
 Semester : 06
 Regulation : 2008
 Name of the Laboratory Course : OBJECT ORIENTED ANALYSIS & DESIGN LAB

Sl. No.	Name of the equipment/software	Quantity required	Quantity available	Deficiency %
1	Hardware:- Hardware – Pentium PC Desktops	30Nos	40Nos	Nil
2	Software:- ArgoUML, Eclipse IDE, Visual Paradigm, Visual case and Rational Suite	30Nos	30Nos	Nil

Degree : B.Tech.
 Programme : INFORMATION TECHNOLOGY.
 Semester : 06
 Regulation : 2008
 Name of the Laboratory Course : WEB TECHNOLOGY LAB

Sl. No.	Name of the equipment/software	Quantity required	Quantity available	Deficiency %
1	Hardware:- Pentium IV with 2 GB RAM, 160 GB HARD Disk, Monitor 1024 x 768 colour 60 Hz.	30Nos	40Nos	Nil
2	Software:- Windows /Linux operating system JDK 1.6(or above) AJAX Oracle 9i(or above version) / Microsoft access	30Nos	30Nos	Nil

Degree : B.Tech.
 Programme : INFORMATION TECHNOLOGY.
 Semester : 06
 Regulation : 2008
 Name of the Laboratory Course : NETWORKS LAB

Sl. No.	Name of the equipment/software	Quantity required	Quantity available	Deficiency %
1	Hardware:- PCs	30Nos	40Nos	Nil
2	Software:- C++ Compiler J2SDK (freeware) Linux NS2/Glomosim/OPNET (Freeware)	30Nos	40Nos	Nil

Degree : B.Tech.
 Programme : INFORMATION TECHNOLOGY.
 Semester : 07
 Regulation : 2008
 Name of the Laboratory Course : COMPUTER GRAPHICS LAB

Sl. No.	Name of the equipment/software	Quantity required	Quantity available	Deficiency %
1	Hardware:- Hardware – Pentium PC Desktops	30Nos	40Nos	Nil
2	Software:- Turbo C Visual C++ with OPENGL	30Nos	30Nos	Nil

	Any 3D animation software like 3DSMAX, Maya, Blender			
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Degree : B.Tech.

S.No	Description of Equipment	Quantity required	Quantity available	Deficiency %
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Programme : INFORMATION TECHNOLOGY.

Semester : 07

Regulation : 2008

Name of the Laboratory Course : SERVICE ORIENTED ARCHITECTURE LAB

List of equipment required for a batch of 30 students for U.G. / 25 students for P.G.:

Sl. No.	Name of the equipment/software	Quantity required	Quantity available	Deficiency %
1	Hardware:- CPU:- (As Server) Processor (Core 2 Quad or equivalent) with good speed, 2GBRAM, 300GBHDD	30Nos	40Nos	Nil
2	Software:- .NET framework (MS Academic Alliance) (or)Express Edition J2EE framework free download OS – Windows or Linux	30Nos	40Nos	Nil

I Year B.E./ B.Tech.

Semester – I (R 2008)

GE 2116 Electrical Engineering Practices Laboratory

Requirements for a batch of 30 students

1.	Assorted electrical components for house wiring	15 sets	15 sets	NIL
2.	Electrical measuring instruments	10 sets	10 sets	NIL
3.	Study purpose items: Iron box, fan and regulator, emergency lamp	One each	One each	NIL
4.	Megger (250V/500V)	1 No.	1 No.	NIL
5.	Power Tools: (a) Range Finder (b) Digital Live-wire detector	2 Nos 2 Nos	2 Nos 2 Nos	NIL

II

Semester B.E. – Electrical and Electronics Engineering (R 2008)

EE2155 Electric Circuits Laboratory

Requirement for a batch of 30 students

S.No.	Description of Equipment	Quantity required	Quantity available	Deficiency %
1.	Regulated Power Supply : Regulated Variable 0-15 V d.c	6 Nos.	6 Nos.	NIL
2.	Digital Multimeter	6 Nos.	6 Nos.	NIL
3.	SPST Switch	5 Nos.	5 Nos.	NIL
4.	SPDT Switch	4 Nos.	4 Nos.	NIL
5.	(0-10) m.A milliammeter	2 No.	2 No.	NIL
6.	Ohm Meter	3 Nos.	3 Nos.	NIL
7.	(0-100) m.A dc ammeter	1 No.	1 No.	NIL
8.	(0-100) m.A milliammeter	3 No.	3 No.	NIL
9.	(0-5) m.A milliammeter	2 No.	2 No.	NIL
10.	(0-5) A Ammeter	1 No.	1 No.	NIL
11.	Oscilloscope	7 Nos.	7 Nos.	NIL
12.	Function Generator	8 Nos.	8 Nos.	NIL
13.	Electronic Analog Voltmeter or Digital Multimeter	1 No.	1 No.	NIL

S.No.	Description of Equipment	Quantity required	Quantity available	Deficiency %
14.	Voltmeter (0-500) V A.C	1 No.	1 No.	NIL
15.	Wattmeter 500 V, 15 UPF	1 No.	1 No.	NIL
16.	3phase loading Rheostat	1 No.	1 No.	NIL
17.	3 phase Induction motor Load	1 No.	1 No.	NIL
18.	Math Lab / Simulink	1 No.	1 No.	NIL
19.	Resistor:			
	i. 68 Ω	6 Nos.	6 Nos.	NIL
	ii. 100 Ω	6 Nos.	6 Nos.	NIL
	iii. 330 Ω	6 Nos.	6 Nos.	NIL
	iv. 390 Ω	6 Nos.	6 Nos.	NIL
	v. 470 Ω	6 Nos.	6 Nos.	NIL
	vi. 560 Ω	6 Nos.	6 Nos.	NIL
	vii. 680 Ω	6 Nos.	6 Nos.	NIL
	viii. 820 Ω	6 Nos.	6 Nos.	NIL
	ix. 1k Ω	6 Nos.	6 Nos.	NIL
	x. 1.2k Ω	6 Nos.	6 Nos.	NIL
	xi. 1.8k Ω	6 Nos.	6 Nos.	NIL
	xii. 2.2k Ω	6 Nos.	6 Nos.	NIL
	xiii. 2.7k Ω	6 Nos.	6 Nos.	NIL
	xiv. 3.3k Ω	6 Nos.	6 Nos.	NIL
	xv. 4.7 k Ω	6 Nos.	6 Nos.	NIL
	xvi. 5k Ω	6 Nos.	6 Nos.	NIL
	xvii. 10k Ω	6 Nos.	6 Nos.	NIL
	xviii. 1m Ω	6 Nos.	6 Nos.	NIL
xix. 220 Ω	6 Nos.	6 Nos.	NIL	

S.No.	Description of Equipment	Quantity required	Quantity available	Deficiency %
	xx. 33Ω	6 Nos.	6 Nos.	NIL
	xxi. 10Ω	6 Nos.	6 Nos.	NIL
	xxii. 2 kΩ	6 Nos.	6 Nos.	NIL
	xxiii. 22 kΩ	6 Nos.	6 Nos.	NIL
	xxiv. 10 k Ω 2W Potentiometer	2 No.	2 No.	NIL
	xxv. 5 k Ω 2W Potentiometer	2 No.	2 No.	NIL
	Capacitor			
20.	i. 1μF 25V – Electrolytic	6 Nos.	6 Nos.	NIL
	ii. 0.001μF	6 Nos.	6 Nos.	NIL
	iii. 0.01 μF	6 Nos.	6 Nos.	NIL
	iv. 0.0033 μF	6 Nos.	6 Nos.	NIL
	v. 0.022 μF	6 Nos.	6 Nos.	NIL
	vi. 0.1μF	10 Nos	10 Nos	NIL
21.	Inductor : 10 mH coil	6 Nos.	6 Nos.	NIL
22.	Time Watch	1 No.	1 No.	NIL

III Semester B.E. – Electrical and Electronics Engineering (R 2008)
EE 2208 - Measurements & Instrumentation Laboratory
Requirement for a batch of 30 students

Sl. No.	Description of Equipment	Quantity required	Quantity available	Deficiency %
1.	LVDT kit	1 No.	1No	NIL

Sl. No.	Description of Equipment	Quantity required	Quantity available	Deficiency %
2.	Multimeter	8 Nos.	8 Nos.	NIL
3.	Bourdon pressure transducer kit	1 No.	1No	NIL
4.	Foot pump	1 No.	1No	NIL
5.	Voltmeter	4 No.	4No	NIL
6.	Maxwell's inductance Capacitance bridge kit	1 No.	1No	NIL
7.	Unknown Inductance	1 No.	1No	NIL
8.	Schering Bridge kit	1 No.	1No	NIL
9.	Unknown capacitance	1 No.	1No	NIL
10.	Wheat stone Bridge kit	1 No.	1No	NIL
11.	Unknown resistance	1 No.	1No	NIL
12.	Kelvin Double bridge kit	1 No.	1No	NIL
13.	Unknown resistance	1 No.	1No	NIL
14.	Operational Amplifier kit	1 No.	1No	NIL
15.	Resistors	3 No.	3No	NIL
16.	RPS	4 Nos.	4 Nos.	NIL
17.	IC 741	2 No.	2 No.	NIL
18.	DC trainer kit	2 No.	2 No.	NIL
19.	CRO	2 Nos.	2 Nos.	NIL
20.	Resistance	1 No.	1 No.	NIL
21.	Capacitance	1 No.	1 No.	NIL
22.	Energy meter	1 No.	1 No.	NIL
23.	Wattmeter	2 No.	2 No.	NIL
24.	Stop watch	1 No.	1 No.	NIL
25.	M.I Ammeter	2 No.	2 No.	NIL
26.	M.I Voltmeter	2 No.	2 No.	NIL
27.	Current Transformer	1 No.	1 No.	NIL

Sl. No.	Description of Equipment	Quantity required	Quantity available	Deficiency %
28.	Lamp Load	1 No.	1 No.	NIL
29.	Ammeter	2 No.	2 No.	NIL
30.	3 phase Auto transformer	1 No.	1 No.	NIL
31.	Maxwell bridge set up	1 No.	1 No.	NIL
32.	Ring specimen	1 No.	1 No.	NIL
33.	Galvanometer	1 No.	1 No.	NIL

III Semester B. E. – Mechanical Engineering (R2008)

ME 2209 - Electrical Engineering Laboratory

Requirement for a batch of 30 students

S.No.	Description of Equipment	Quantity required	Quantity available	Deficiency %
1.	DC Shunt motor	2	2	NIL
2.	DC Series motor	1	1	NIL
3.	DC shunt motor-DC Shunt Generator set	1	1	NIL
4.	DC Shunt motor-DC Series Generator set	1	1	NIL
5.	Single phase transformer	2	2	NIL
6.	Three phase alternator	2	2	NIL
7.	Three phase synchronous motor	1	1	NIL

8.	Three phase Squirrel cage Induction motor	1	1	NIL
9.	Three phase Slip ring Induction motor	1	1	NIL
10.	Single phase Induction motor	1	1	NIL

IV Semester B.E. – Electrical and Electronics Engineering (R 2008)

EE 2257 - Control Systems Laboratory

Requirement for a batch of 30 students

S. No.	Description of Equipment	Quantity required	Quantity available	Deficiency %
1.	DC servo motor Tachometer Multimeter Stop watch	field separately excited – loading facility – variable voltage source - 1 No 1 No 2 Nos 1 No	1 No 1 No 2 Nos 1 No	NIL
2.	AC Servo Motor Tachometer Stopwatch Voltmeter	Minimum of 100w – necessary sources for main winding and control winding – 1 No 1 No 1 No 1 No	1 No 1 No 1 No 1 No	NIL
3.	Rigged up models of type-0 and type-1 system using analog components Variable frequency square wave generator and a normal CRO (Or)	-	1No	NIL

S. No.	Description of Equipment	Quantity required	Quantity available	Deficiency %
	DC source and storage Oscilloscope	1 No		
4.	DC Generator Tachometer Various meters Stop watch	1No each	1No each	NIL
5.	DC Motor Tachometer Various meters Stop watch	1No each	1No each	NIL
6.	System with MATLAB / MATHCAD (or) equivalent software	minimum 3 user license	Available	NIL
7.	AC and DC position control kit with DC servo motor Power transistor Adder	1No	1No	NIL
8.	Stepping Motor Microprocessor kit Interfacing card Power supply	1No	1No	NIL
9.	System with MATLAB / MATHCAD (or) other equivalent software	minimum 3 user license	Available	NIL
10.	System with MATLAB / MATHCAD / equivalent software	minimum 3 user license	Available	NIL

IV Semester B. E. – Electrical and Electronics Engineering (R 2008)
EC 2259 ELECTRICAL ENGINEERING AND CONTROL SYSTEM LAB

S. No.	Description of Equipment	Quantity required	Quantity available	Deficiency %
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1.	Motor Generator set	1	1	NIL
2.	DC Motor	1	1	NIL
3.	Single phase Transformer	1	1	NIL
4.	Motor Alternator set	1	1	NIL
5.	Three Phase Induction Motor	1	1	NIL
6.	Three point starter	5	5	NIL
7.	Four point starter	1	1	NIL
8.	Star-delta starter	1	1	NIL
9.	DOL starter	1	1	NIL
10.	Three phase auto-transformer	2	2	NIL
11.	Brake drum arrangement	1	1	NIL
12.	Rheostat	1	1	NIL
13.	Wattmeter	8	8	NIL
14.	Voltmeter AC	6	6	NIL
15.	Ammeter AC	5	5	NIL
16.	Voltmeter DC	8	8	NIL
17.	Ammeter DC	11	11	NIL
18.	Resistor	1	1	NIL
19.	Capacitor	1	1	NIL

20.	Function generator	1	1	NIL
21.	Bread Board	1	1	NIL
22.	DPST	8	8	NIL
23.	TPST	1	1	NIL
24.	Resistive load	1	1	NIL
25.	Tachometer	7	7	NIL

IV Semester B.E. – Electrical and Electronics Engineering (R 2008)

EE 2259 - Electrical Machines Laboratory – I

Requirement for a batch of 30 students

S.No.	Description of Equipment	Quantity required	Quantity available	Deficiency %
1.	D.C motor – Generator set D.C motor – Shunt Generator D.C motor – Compound Generator	2 set 2 set	2 set 2 set	NIL
2.	D.C. Shunt Motor	2 Nos.	2 Nos.	NIL
3.	D.C. Series Motor	1 No.	1 No.	NIL
4.	D.C. Compound Motor	1 No.	1 No.	NIL
5.	Single phase transformers	7 Nos.	7 Nos.	NIL
6.	Three phase transformers	2 Nos.	2 Nos.	NIL
7.	D.C. Motor – Alternator set	4 sets	4 sets	NIL
8.	Three phase Induction Motor (Squirrel cage)	3 Nos.	3 Nos.	NIL
9.	Three phase slip ring Induction Motor	1 No.	1 No.	NIL

10.	Single phase Induction Motor	2 Nos.	2 Nos.	NIL
11.	Resistive load 3 phase – 2 , single phase - 3	5 Nos.	5 Nos.	NIL
12.	Inductive load	1 No.	1 No.	NIL
13.	Single phase Auto transformer	5 Nos.	5 Nos.	NIL
14.	Three phase Auto transformer	3 Nos.	3 Nos.	NIL
15.	Moving Coil Ammeter of different ranges	20 Nos.	20 Nos.	NIL
16.	Moving Coil Voltmeter of different ranges	20 Nos.	20 Nos.	NIL
17.	Moving Iron Ammeter of different ranges	20 Nos.	20 Nos.	NIL
18.	Moving Iron voltmeter of different ranges	20 Nos.	20 Nos.	NIL
19.	Wire wound Rheostats of different ratings	30 Nos.	30 Nos.	NIL
20.	Tachometers	10 Nos.	10 Nos.	NIL
21.	Single element wattmeters of different ranges UPF / LPF	20 Nos.	20 Nos.	NIL
22.	Double element wattmeters of different ranges	4 Nos.	4 Nos.	NIL
23.	Power factor meter	2 Nos.	2 Nos.	NIL
24.	Digital multimeter	5 Nos.	5 Nos.	NIL
25.	Three point starter, four point starter,DOL starter, manual star / delta starter, semi automatic and fully automatic star / delta starter	1 No each for study experiment	1 No each for study experiment	NIL

V Semester B.E. – Electrical and Electronics Engineering (Modified R 2004)

EE 2304 - Power Electronics Laboratory

Requirement for a batch of 30 students

S. No.	Description of Equipment	Quantity required	Quantity available	Deficiency %
1.	Device characteristics (for SCR, MOSFET, TRIAC and IGBT) kit with built in power supply & meters	2 each	2 each	NIL
2.	SCR firing circuit module	2	2	NIL
3.	Single phase SCR based ½ controlled converter & fully controlled converter along with built-in / separate / firing circuit / module and meter	2 each	2 each	NIL
4.	MOSFET based step up and step down choppers	1 each	1 each	NIL
5.	IGBT based single phase PWM inverter module	2	2	NIL
6.	IGBT based three phase PWM inverter module	2	2	NIL
7.	IGBT based high switching frequency chopper module with built-in controller	2	2	NIL
8.	Resonant DC-DC conveter module with built in power supply and controller	2	2	NIL
9.	SCR & TRIAC based 1 phase A.C.phase controller along with lamp or rheostat load	4	4	NIL
10.	SCR based V/I commuted chopper module with relevant firing module (separate or built-in)	4	4	NIL
11.	Dual regulated DC power supply with common ground	4	4	NIL
12.	Cathode Ray Oscilloscope	5	5	NIL

S. No.	Description of Equipment	Quantity required	Quantity available	Deficiency %
13.	Isolation Transformer	5	5	NIL
14.	Single phase Auto transformer	3	3	NIL
15.	Components (Inductance, Capacitance)	3 sets for each	3 sets for each	NIL
16.	Multi meter	5	5	NIL
17.	LCR meter	3	3	NIL
18.	Rheostats of various ranges	2 sets of 10 value	2 sets of 10 value	NIL
19.	Work tables	12	12	NIL
20.	DC and AC metes of required ranges	20	20	NIL

V Semester B. E. – Electrical and Electronics Engineering (R 2008)

EE2306 – Electrical Machines II Laboratory

Requirement for a batch of 30 students

S.No.	Description of Equipment	Quantity required	Quantity available	Deficiency %
1.	DC shunt motor coupled three phase alternator	2	2	NIL
2.	Synchronous motor coupled to DC motor	1	1	NIL
3.	Three phase induction motors- Squirrel cage Slip ring	2 1	2 1	NIL
4.	DC Shunt motor coupled salient pole three phase alternator	1	1	NIL

5.	Single phase induction motors	2	2	NIL
6.	Air core inductor to do ZPF	1	1	NIL
7.	Starter- Three phase induction motor starters Single phase induction motor starters	1 1	1 1	NIL
8.	Meters- Voltmeter (AC) Ammeter (AC) Wattmeter (Ipf) Wattmeter (upf)	15 15 15 30	15 15 15 30	NIL
9.	Single phase auto transformer	2	2	NIL
10.	Three phase auto transformer	4	4	NIL
11.	Rheostats of various range	30	30	NIL
12.	DC panel boards (220V, 36V)	1 each	1 each	NIL
13.	AC panel board	1	1	NIL
14.	Work tables	12	12	NIL

**I Year B.E./ B.Tech.
Semester – I
185152 - Engineering Practices Laboratory
Requirements for a batch of 30 students**

Sl.No.	Description of Equipment	Quantity required	Quantity available	Deficiency %
ELECTRONICS				
1.	Soldering guns	10 Nos.	10 Nos.	Nil
2.	Assorted electronic components for making circuits	50 Nos.	50 Nos.	Nil

3.	Small PCBs	10 Nos.	10 Nos.	Nil
4.	Multi Meters	10 Nos.	10 Nos.	Nil
5.	Study purpose items: Telephone, FM radio, low-voltage power supply	2 each	2 each	Nil

Semester – II
147251 – Circuits and Devices Laboratory
Requirement for a batch of 30 students (3 per Batch)

Sl. No.	Description of Equipment	Quantity required	Quantity available	Deficiency %
1.	0-30V RPS	12	12	Nil
2.	0-50V RPS	2	2	Nil
3.	0-5V RPS	2	2	Nil
4.	0-30V Voltmeter	10	10	Nil
5.	0-10V Voltmeter	5	5	Nil
6.	0-50V Voltmeter	2	6	Nil
7.	0-1V Voltmeter	3	3	Nil
8.	0-30mA Ammeter	5	5	Nil

9.	0-100mA AC Amplifier	2	2	Nil
10.	Audio Oscillator	5	5	Nil
11.	CRO (30 MHZ)	15	15	Nil
12.	Diodes, Zener Diodes	20	20	Nil
13.	Transistors (PNP & NPN)	10	10	Nil
14.	UJT	10	10	Nil
15.	SCR	10	10	Nil
16.	JFET	10	10	Nil
17.	MOSFET	10	10	Nil
18.	DIAC & TRIAC	10	10	Nil
19.	Photodiode	5	5	Nil
20.	Photo Transistor	5	5	Nil
21.	Required passive components		Available	Nil
22.	Variable Resistor		Available	Nil

Semester – III
147351 – Digital Electronics Lab
Requirement for a batch of 30 students

Sl. No	Name of the equipments / Components	Quantity Required	Quantity available	Deficiency %
1	Digital IC Tester	2 Nos	2 Nos	Nil
2	Power Supply 5V DC	10	10	Nil
3	Multimeter Digital	10	10	Nil
4	Computer with HDL software Installed	2	2	Nil
Consumables (Minimum of 25 Nos. each)				
1	IC7400	25	25	Nil
2	IC7404	25	25	Nil
3	IC74682	25	25	Nil
4	IC7402	25	25	Nil
5	IC7408	25	25	Nil
6	IC7411	25	25	Nil
7	IC7432	25	25	Nil
8	IC7483	25	25	Nil
9	IC7485	25	25	Nil
10	IC7486	25	25	Nil
11	IC74150	25	25	Nil
12	IC74151	25	25	Nil
13	IC74147	25	25	Nil
14	IC7445	25	25	Nil
15	IC7474	25	25	Nil
16	IC7476	25	25	Nil

17	IC7491	25	25	Nil
18	IC7494	25	25	Nil
19	IC7447	25	25	Nil
20	IC74180	25	25	Nil
21	IC555	25	25	Nil
22	Seven Segment Display	25	25	Nil
23	LEDs	25	25	Nil
24	Bread Board	25	25	Nil
25	Wires		Available	Nil

**147352 – Electronic Circuits Lab I
Requirement for a batch of 30 students**

S.No.	Description of Equipment	Quantity required	Quantity available	Deficiency %
1.	Variable DC Power Supply (0-30V)	8	08	Nil
2.	CRO 30MHz	10	10	Nil
3.	Multimeter Digital	6	06	Nil
4.	Function Generator 1 MHz	8	08	Nil
5.	DC Ammeter	10	10	Nil
6.	DC Voltmeter	10	10	Nil
Consumables (Minimum of 25 Nos. each)				
7.	BC107, BC147, BC 108, BC 148, BC547, BC 548, SL 100, SK100 or Equivalent transistors.		Available	Nil
8.	Resistors 1/4 Watt Assorted		Available	Nil
9.	Capacitors		Available	Nil
10.	Inductors		Available	Nil

11.	Diodes, Zener Diodes		Available	Nil
12.	Bread Boards		Available	Nil
13.	Transformers		Available	Nil

**B. E. – Computer Science and Engineering
Requirement for a batch of 30 students**

S.No.	Description of Equipment	Quantity required	Quantity available	Deficiency %
1.	Dual power supply/ single mode power supply +12/-12V	15/30	15/30	Nil
2.	IC Trainer 10 bit	15	15	Nil
3.	Bread Boards	15	15	Nil
4.	Multimeter	5	5	Nil
5.	IC 7400	60	60	Nil
6.	IC7402	60	60	Nil
7.	IC 7404	60	60	Nil
8.	IC 7486	60	60	Nil
9.	IC 7408	60	60	Nil
10.	IC 7432	60	60	Nil
11.	IC 7483	60	60	Nil
12.	IC74150	60	60	Nil
13.	IC74151	40	40	Nil
14.	IC74147	40	40	Nil
15.	IC7445	40	40	Nil
16.	IC7476	40	40	Nil

S.No.	Description of Equipment	Quantity required	Quantity available	Deficiency %
17.	IC7491	40	40	Nil
18.	IC555	40	40	Nil
19.	IC7494	40	40	Nil
20.	IC7447	40	40	Nil
21.	IC74180	40	40	Nil
22.	IC7485	40	40	Nil
23.	IC7473	40	40	Nil
24.	IC74138	40	40	Nil
25.	IC7411	40	40	Nil
26.	IC7474	40	40	Nil
27.	Computer with HDL software	30	30	Nil
28.	Seven segment display	40	40	Nil
29.	Assembled LED board/LEDs	40/200	40/200	Nil
30.	Wires Single strand		available	Nil

III Semester B.E. – Electrical and Electronics Engineering
131351 - Electronic Devices and Circuits Laboratory
Requirement for a batch of 30 students

S.No.	Description of Equipment	Quantity required	Quantity available	Deficiency %
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1.	Regulated Power Supply	15	15	Nil
2.	Dual Trace CRO (20 MHz)	15	15	Nil
3.	Function Generator	15	15	Nil
4.	3 ^{1/2} Digit digital multimeter	10	10	Nil
5.	Bread Boards	40	40	Nil
6.	Transistor	25 Nos.	25 Nos.	Nil
7.	JFET	10 Nos.	25 Nos.	Nil
8.	Diode	10 Nos.	10 Nos.	Nil
9.	Zener Diode	5 Nos.	10 Nos.	Nil
10.	UJT	5 Nos.	5 Nos.	Nil
11.	Photo Diode	5 Nos.	5 Nos.	Nil
12.	Photo Transistor	5 Nos.	5 Nos.	Nil
13.	Thermistors	5 Nos.	5 Nos.	Nil
14.	OP-amp	10 Nos.	10 Nos.	Nil
15.	Milli Ammeter (0-100mA)	15 Nos.	15 Nos.	Nil
16.	Micro Ammeter (0-50 μ A)	10 Nos.	10 Nos.	Nil
17.	Low range voltmeter (0-30V)	10 Nos.	10 Nos.	Nil
18.	Resistor of various ranges	50 Nos.	50 Nos.	Nil
19.	Capacitors of various ranges	50 Nos.	50 Nos.	Nil

20.	Connecting wires	Sufficient Nos	Available	Nil
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Semester – IV
147451 – Electronics circuits II and simulation lab
Requirement for a batch of 30 students

S.No.	Description of Equipment	Quantity required	Quantity available	Deficiency %
1.	Variable DC Power Supply (0-30V)	8	8	Nil
2.	Fixed Power Supply + / - 12V	4	4	Nil
3.	CRO 30MHz	6	6	Nil
4.	Multimeter Digital	6	6	Nil
5.	Multimeter Analog	2	2	Nil
6.	Function Generator 1 MHz	6	6	Nil
7.	Digital LCR Meter	1	1	Nil
8.	PC with SPICE Simulation Software	6	6	Nil
9.	BC 107,BF195, 2N2222, BC147	Consumables (Minimum of 25 Nos. each)	available	Nil
10.	Resistors		available	Nil
11.	Capacitors		available	Nil

12.	Inductors		available	Nil
13.	Diodes , Zener Diodes		available	Nil
14.	Bread Boards		available	Nil

Semester – IV
147452 – Linear Integrated Circuit Lab
Requirement for a batch of 30 students

S.No.	Description of Equipment	Quantity required	Quantity available	Deficiency %
1.	Dual, (0-30V) variable Power Supply	10	10	Nil
2.	CRO 30MHz	9	9	Nil
3.	Digital Multimeter	10	10	Nil
4.	Function Generator 1 MHz	8	8	Nil
5.	IC Tester (Analog)	2	2	Nil
6.	Bread board	10	10	Nil
7.	Computer (PSPICE installed)	1	1	Nil
Consumables (Minimum of 25 Nos. each)				
1.	IC 741	25	25	Nil
2.	IC NE555	25	25	Nil
3.	LED	25	25	Nil
4.	LM317	25	25	Nil
5.	LM723	25	25	Nil
6.	ICSG3524 / SG3525	25/25	25/25	Nil
7.	Transistor – 2N3391	25	25	Nil
8.	Diodes, IN4001, BY126	25	25	Nil
9.	Zener diodes	25	25	Nil

10.	Potentiometer		Available	Nil
11.	Step-down transformer 230V/12-0-12V	1	01	Nil
12.	Capacitor		Available	Nil
13.	Resistors 1/4 Watt Assorted	25	25	Nil
14.	Single Strand Wire		Available	Nil

**IV Semester B.E. – Electrical and Electronics Engineering
131452 - Linear and Digital Integrated Circuits Laboratory
Requirement for a batch of 30 students**

S.No.	Description of Equipment	Quantity required	Quantity available	Deficiency %
1.	Interface such as, A/D, D/A converter, DMA, PIC Serial, Interface, Temperatures controller, Stepper motor, Key board	4 each	4	Nil
2.	CRO and function generator	3 each	3	Nil
3.	IC trainer Kit	15	15	Nil
4.	Analog AC trainer kit	4	4	Nil
5.	Components and bread boards	10 each	10	Nil
6.	Chips IC – 7400	10	10	Nil
7.	Chips IC – 7402	10	10	Nil
8.	Chips IC – 7408	10	10	Nil
9.	Chips IC – 7432	10	10	Nil
10.	Chips IC – 7410	25	25	Nil

S.No.	Description of Equipment	Quantity required	Quantity available	Deficiency %
11.	Chips IC – 555	10	10	Nil
12.	Chips IC – 741	10	10	Nil
13.	Chips IC – 74153	10	10	Nil
14.	Chips IC – 7474	10	10	Nil
15.	Chips IC – 7490	10	10	Nil
16.	Chips IC – 7447	10	10	Nil
17.	Chips IC – 7476	10	10	Nil
18.	Chips IC – 7420	10	10	Nil
19.	Chips IC – 7404	15	15	Nil
20.	Chips LM – 317	10	10	Nil
21.	Chips LM – 723	10	10	Nil
22.	Chips MA – 7840	10	10	Nil
23.	Chips LM – 380	10	10	Nil
24.	Chips ICL - 8038	10	10	Nil
25.	Traffic light control kit	2	02	Nil
26.	VDU	2	2	Nil
27.	7 segment Display	5	05	Nil
28.	Interfacing card such as keyboard etc.	3 each	03	Nil

S.No.	Description of Equipment	Quantity required	Quantity available	Deficiency %
29.	Work tables	15	15	Nil

IV Semester B. E. – Computer Science and Engineering

141453 – Microprocessor Lab Requirement for a batch of 30 students

S.No.	Description of Equipment	Quantity Required	Quantity available	Deficiency %
1.	8085 Trainer Kit with onboard 8255, 8253, 8279 and 8251	15 nos.	15	Nil
2.	TASM/MASM simulator in PC (8086 programs)	30 nos.	30	Nil
3.	8051 trainer kit	15 nos.	15	Nil
4.	Interfacing with 8086 – PC add-on cards with 8255, 8253, 8279 and 8251	15 nos	15	Nil
5.	Stepper motor interfacing module	5 nos.	05	Nil
6.	Traffic light controller interfacing module	5 nos.	05	Nil
7.	ADC, DAC interfacing module	5 nos.	05	Nil
8.	CRO's	5 nos.	05	Nil

Semester – V

**EC2306 – Digital Signal Processing Laboratory
Requirement for a batch of 30 students**

S.No.	Description of Equipment	Quantity required	Quantity available	Deficiency %
1.	PCs with Fixed / Floating point DSP Processors (Kit / Add-on Cards)	15 Units (2 students per system)	15	Nil
2.	<u>List of software required:</u> MATLAB with Simulink and Signal Processing Tool Box	10 Users license	Available	Nil
3.	Function Generators (1MHz)	15	15	Nil
4.	CRO (20MHz)	15	15	Nil

**Semester – V
EC2307 – Communication Systems Laboratory
Requirement for a batch of 30 students**

S.No.	Description of Equipment	Quantity required	Quantity available	Deficiency %
1.	CRO – 20 MHz	15	15	Nil
2.	Function Generator (1 MHz)	15	15	Nil
3.	Power Supply (0 - 30 Volts Variable) (IC Power supply)	15	15	Nil

S.No.	Description of Equipment	Quantity required	Quantity available	Deficiency %
4.	Bread Board	10	10	Nil
5.	AM Transceiver Kit	2	02	Nil
6.	FM Transceiver Kit	2	02	Nil
7.	PAM,PPM,PWM Trainer Kits	2	02	Nil
8.	PCM /DM/ ADM Trainer Kit	2	02	Nil
9.	Line Coding & Decoding Kit	2	02	Nil
10.	ASK,PSK,FSK,QPSK Trainer Kits	2	02	Nil
11.	Sampling & TDM trainer kit	2	02	Nil
12.	Mat lab (Communication tool box)	5 user license	Available	Nil
Consumables				
13.	IC 565,566,567,741	Minimum of 50 No. each	50	Nil
14.	BC 107		50	Nil
15.	BFW10		50	Nil
16.	OA79		50	Nil
17.	Resistors (Various ranges)		50	Nil

S.No.	Description of Equipment	Quantity required	Quantity available	Deficiency %
18.	Capacitors (Various ranges)		50	Nil
19.	Decade Inductance box		Available	Nil

Semester – VI
EC2357 – VLSI Design Laboratory
Requirement for a batch of 30 students

S.No.	Description of Equipment	Quantity required	Quantity available	Deficiency %
1.	No. of systems required	15 (2 students per system)	15	Nil
2.	<u>List of software required</u> a) Simulator and Synthesizer tool with down loader (VHDL/Verilog) b) Transistor level Spice modeling tool	15 User license each	Available	Nil
3.	No. of FPGA kits required with a) I/O cards b) Add on cards for FPGA	15 nos.	15	Nil

Semester – VI
CS 2308 – Computer Networks Laboratory
Requirement for a batch of 30 students

S.No.	Description of Equipment	Quantity required	Quantity available	Deficiency %
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1.	PC (with recent specification)	30 Nos.	30	Nil
2.	Ethernet LAN trainer	2	02	Nil
3.	Wireless LAN trainer	2	02	Nil
4.	Network Simulator Software	20 Nos.	Available	Nil
5.	C. Compiler	All the 30 Systems	Available	Nil
6.	Java	All the 30 systems	Available	Nil

Semester – VI
EE2355 – Microprocessor and Microcontroller Laboratory
Requirement for a batch of 30 students

S.No.	Description of Equipment	Quantity required	Quantity available	Deficiency %
1.	8085 Microprocessor Trainer with Power supply	15	15	Nil
2.	8051 Micro controller Trainer Kit with power supply	15	15	Nil
3.	8255 Interface board	5	05	Nil
4.	8251 Interface board	5	05	Nil

S.No.	Description of Equipment	Quantity required	Quantity available	Deficiency %
5.	8259 Interface board	5	05	Nil
6.	8279 Keyboard/Display Interface Board	5	05	Nil
7.	8254 timer counter	5	05	Nil
8.	ADC and DAC card	5	05	Nil
9.	Stepper motor with Controller	5	05	Nil
10.	Traffic Light Control System	5	05	Nil
11.	Regulation power supply	30	30	Nil
12.	Universal ADD-ON modules	5	05	Nil
13.	8 Digit Multiplexed Display Card	5	05	Nil
14.	Function Generator	10	10	Nil
15.	Multimeter	20	20	Nil
16.	C.R.O.	10	10	Nil
17.	Quad 2-input AND gate (IC7408)	50	25	Nil
18.	Quad 2-input OR gate (IC7432)	50	50	Nil
19.	Quad 2-input XOR gate (IC7486)	50	50	Nil
20.	Hex inverter / NOR gate (IC 7404)	50	50	Nil
21.	Quad 2-input NOR gate (IC 7402)	50	50	Nil

S.No.	Description of Equipment	Quantity required	Quantity available	Deficiency %
22.	Quad 2-input NAND gate (IC 7400)	50	50	Nil
23.	Dual J-K Flip flop with clear (IC7473)	50	50	Nil
24.	Dual D Flip flop with clear/preset (IC7474)	50	50	Nil
25.	4-bit Adder (IC 7483)	50	50	Nil
26.	4-bit magnitude comparator (IC 7485)	50	50	Nil
27.	BCD to 7-segment code converter (IC7447)	50	50	Nil
28.	3 to 8 Decoder / Demultiplexer (IC 74138)	50	50	Nil
29.	Decade / Modulo-n counter (IC7490)	50	50	Nil
30.	4-bit serial / parallel in/out shift register (IC7495)	50	50	Nil
31.	General purpose OPAMP (IC741)	100	100	Nil
32.	TIMER (IC555)	100	100	Nil
33.	Voltage controlled oscillator (VCO) (IC566)	25	25	Nil
34.	Phase Locked Loop (PLL) (IC565)	25	25	Nil
35.	Diode (IN4007)	25	25	Nil
36.	Zener Diode (5 V)	25	25	Nil
37.	Light Emitting Diode (LED)	25	25	Nil
38.	Resistors (Quarter watt):10K, 33k ohm	50 each	50	Nil

S.No.	Description of Equipment	Quantity required	Quantity available	Deficiency %
39.	Capacitor: 0.1microfarad, 0.01 microfarad & 0.47 microfarad	50 each	50	Nil
40.	Bread board	30	30	Nil
41.	Single strand wire	10 packet	10	Nil
42.	Wire stripper	10	10	Nil

Semester – VII
EC2404 – VLSI Lab
Requirement for a batch of 30 students

S.No.	Description of Equipment	Quantity required	Quantity available	Deficiency %
1.	No . of systems required	15 (2 students per system)	15	Nil
	<u>List of software required</u>			
2.	a) Simulator and Synthesizer tool with down loader (VHDL/Verilog) b) Transistor level Spice modeling tool	15 User license	0	Order placed
3.	No. of FPGA kits required with a) I/O cards b) Add on cards for FPGA	15 nos.	15	Nil

Semester – VII

EC2405 – Optical & Microwave Lab Requirement for a batch of 30 students

S.No.	Description of Equipment	Quantity required	Quantity available	Deficiency %
1.	Klystron power supply	3	0	Order placed
2.	Klystron tube	3	0	Order placed
3.	Gunn power supply	3	0	Order placed
4.	Gunn oscillator	3	0	Order placed
5.	PIN modulator	3	0	Order placed
6.	Isolator	5	0	Order placed
7.	Attenuator	5	0	Order placed
8.	Frequency meter	5	0	Order placed
9.	Slotted section	5	0	Order placed
10.	Detector mount	5	0	Order placed
11.	Termination	10	0	Order placed
12.	Movable short	5	0	Order placed
13.	Slide screw tuner	4	0	Order placed
14.	Horn antenna	2	0	Order placed
15.	Fixed attenuator	3	0	Order placed
16.	Magic TEE	2	0	Order placed
17.	E-Plane TEE	2	0	Order placed
18.	H-Plane TEE	2	0	Order placed
19.	Directional coupler	2	0	Order placed
20.	VSWR meter	5	0	Order placed
21.	CRO	5	0	Order placed
22.	Power meter	2	0	Order placed
23.	Radiation table	1	0	Order placed
24.	Universal Waveguide stand	25	0	Order placed
25.	Optical power source	4	0	Order placed
26.	Fiber Optic Power meter	4	0	Order placed
27.	fiber optic trainer Kit	5	0	Order placed
28.	Multiplexer / Demultiplexer Kit	2	0	Order placed
29.	Laser Trainer Kit	2	0	Order placed
30.	PIN Diode	3	0	Order placed
31.	LED mounted source at wavelength 870nm	3	0	Order placed

Faculty of Mechanical Engineering
I Semester B.E. – Mechanical Engineering
(R 2008)
GE 2116 Engineering Practices Laboratory
Requirements for a batch of 30 students

Sl.No.	Description of Equipment	Quantity required	Quantity available	Deficiency %
MECHANICAL				
1.	Arc welding transformer with cables and holders.	5 No.	5 No.	NIL
2.	Welding booth with exhaust facility	5 No.	10 No.	NIL
3.	Welding accessories like welding shield, chipping hammer, wire brush, etc.	5 sets	5 sets	NIL
4.	Oxygen and acetylene gas cylinders, blow pipe and other welding outfit.	2 No.	2 No.	NIL
5.	Centre lathe	2 No.	2 No.	NIL
6.	Hearth furnace, anvil and smithy tools	2 sets	2 sets	NIL

7.	Moulding table, foundry tools	2 sets	4 sets	NIL
8.	Power Tool: Angle Grinder	2 Nos	2 Nos	Nil
9.	Study-purpose items: centrifugal pump, air-conditioner	One Each.	One Each.	NIL
CIVIL				
1.	Assorted components for plumbing consisting of metallic pipes, plastic pipes, flexible pipes, couplings, unions, elbows, plugs and other fittings	15 Sets	15 Sets	NIL
10.	Carpentry vice (fitted to work bench)	15 Nos	15 Nos	NIL
11.	Standard woodworking tools	15 Sets	18 Sets	NIL
12.	Models of industrial trusses, door joints, furniture joints	5 each	5 each	NIL
13.	Power Tools:			
	(a) Rotary Hammer	2 Nos	2 Nos	NIL
	(b) Demolition Hammer	2 Nos	2 Nos	NIL
	(c) Circular Saw	2 Nos	2 Nos	NIL
	(d) Planer	2 Nos	2 Nos	NIL

	(e) Hand Drilling Machine	2 Nos	2 Nos	NIL
	(f) Jigsaw	2 Nos	2 Nos	NIL

Faculty of Mechanical Engineering

II Semester B.E. – Mechanical Engineering

(R 2008)

ME2155 Computer Aided Drafting and Modeling Laboratory

Requirements for a batch of 30 students

S. No.	Description of Equipment	Quantity required	Quantity available	Deficiency %
1.	Pentium IV computer or better hardware, with suitable graphics facility	30 No.	30 No.	NIL
2.	Licensed software for Drafting and Modeling	30 licenses	30	NIL
3.	Laser Printer or Plotter to print / plot drawings	2 No.	2	NIL

Faculty of Mechanical Engineering

III Semester B.E. – Mechanical Engineering

(R 2008)

ME 2208 - Fluid Mechanics and Machinery Lab

Requirements for a batch of 30 students

S.No.	Description of Equipment	Quantity required	Quantity available	Deficiency %
26.	Orifice meter setup	1 No.	1 No.	NIL
27.	Venturi meter setup	1 No.	1 No.	NIL
28.	Rotameter setup	1 No.	1 No.	NIL
29.	Pipe Flow analysis setup	1 No.	1 No.	NIL
30.	Centrifugal pump/submergible pump setup	1 No.	1 No.	NIL
31.	Reciprocating pump setup	1 No.	1 No.	NIL
32.	Gear pump setup	1 No.	1 No.	NIL
33.	Pelton wheel setup	1 No.	1 No.	NIL
34.	Francis turbine setup	1 No.	(1 No.	NIL
35.	Kaplan turbine setup	1 No.	1 No.	NIL

Faculty of Mechanical Engineering

III Semester B.E. – Mechanical Engineering

(R 2008)

ME 2207 – Manufacturing Technology Lab – I

Requirements for a batch of 30 students

S.No.	Description of Equipment	Quantity required	Quantity available	Deficiency %
1.	Centre Lathe with accessories	15 No	15 No	NIL
2.	Welding			
2.1	Arc welding machine	04 No	04 No	NIL
2.2	Gas welding machine	01 No	01 No	NIL
2.3	Brazing machine	01 No	01 No	NIL
3.	Sheet Metal Work facility			
3.1	Hand Shear 300mm	01 No	01 No	NIL
3.2	Bench vice	05 No	12 Nos.	NIL
3.3	Standard tools and calipers for sheet metal work	05 No	05 No	NIL
4	Sand moulding Facility			
4.1	Moulding Table	05 No	05 No	NIL
4.2	Moulding boxes, tools and patterns	05 No	05 No	NIL
5	Plastic Moulding			
5.1	Injection Moulding Machine	01 No	01 No	NIL

Faculty of Mechanical Engineering
IV Semester B.E. – Mechanical Engineering
(R 2008)

ME 2256 - Strength of Materials Lab

Requirement for a batch of 30 students

S.No.	Description of Equipment	Quantity required	Quantity available	Deficiency %
11.	Universal Tensile Testing machine with double shear attachment – 40 Ton Capacity	1 No	1 No	NIL
12.	Torsion Testing Machine (60 NM Capacity)	1 No	1 No	NIL
13.	Impact Testing Machine (300 J Capacity)	1 No	1 No	NIL
14.	Brinell Hardness Testing Machine	1 No	1 No	NIL
15.	Rockwell Hardness Testing Machine	1 No	1 No	NIL
16.	Spring Testing Machine for tensile and compressive loads (2500 N)	1 No	1 No	NIL
17.	Metallurgical Microscopes	3 No	3 No	NIL

18.	Muffle Furnace (800 °C)	1 No	1 No	NIL
19.	Deflection Apparatus	1 No	1 No	NIL

Faculty of Mechanical Engineering

IV Semester B.E. – Mechanical Engineering

(R 2008)

ME 2257 - Computer Aided Machine Drawing Lab

Requirement for a batch of 30 students

S. No.	Description of Equipment	Quantity required	Quantity available	Deficiency %
1.	Computer Systems 17" Graphics Terminal Pentium IV Processor 80 GB HDD 512 MB RAM Advanced graphics accelerator	30 Nos.	30 Nos.	NIL
2.	Laser Printer	01	01	NIL
3.	Plotter (A2 Size)	01	01	NIL

4.	Software 30 seats of latest/recent versions of AutoCAD/CATIA/SOLIDWORKS/SOLID EDGE/NX/PRO-E/COLLABCAD or equivalent software	30	30	NIL
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Faculty of Mechanical Engineering

IV Semester B.E. – Mechanical Engineering

(R 2008)

ME2306 THERMAL ENGINEERING LABORATORY – I

Requirement for a batch of 30 students

S.No	Description of Equipment	Quantity Required	Quantity available	Deficiency %
1.	I.C Engine – 2 stroke and 4 stroke model	1 set	1 set	NIL
2	Red Wood Viscometer	1	1	NIL
3	Apparatus for Flash and Fire Point	1	1	NIL
4	4-stroke Diesel Engine with mechanical loading.	1	1	NIL
5	4-stroke Diesel Engine with hydraulic loading.	1	1	NIL
6	4-stroke Diesel Engine with electrical	1	1	NIL

	loading.			
7	Multi-cylinder Petrol Engine 1 No.	1	1	NIL
8	Single cylinder Petrol Engine	1	1	NIL
9	Data Acquisition system with any one of the above engines	1	1	NIL
10	Steam Boiler with turbine setup	1	1	NIL

Faculty of Mechanical Engineering

IV Semester B.E. – Mechanical Engineering

(R 2008)

ME 2258 - Manufacturing Technology Lab II

Requirement for a batch of 30 students

S.No.	Description of Equipment	Quantity required	Quantity available	Deficiency %
1.	Centre Lathes	2 Nos	2 Nos	NIL
2.	Turret and Capstan Lathes	1 No each	1 No each	NIL

3.	Horizontal Milling Machine	1 No	1 No	NIL
4.	Vertical Milling Machine	1 No	1 No	NIL
5.	Surface Grinding Machine	1 No	1 No	NIL
6.	Cylindrical Grinding Machine	1 No.	1 No.	NIL
7.	Shaper	2 Nos	2 Nos	NIL
8.	Slotter	1 No.	1 No.	NIL
9.	Planner	1 No.	1 No.	NIL
10.	Radial Drilling Machine	1 No.	1 No.	NIL
11.	Tool Dynamometer	1 No	1 No	NIL
12.	Gear Hobbing Machine	1 No	1 No	NIL
13.	Tool Makers Microscope	1 No	1 No	NIL

Faculty of Mechanical Engineering

V Semester B.E. – Mechanical Engineering

(R 2008)

ME2307 DYNAMICS LABORATORY

Requirement for a batch of 30 students

S.No	Description of Equipment	Quantity Required	Quantity Available	Deficiency %
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1.	Cam analyzer.	1 set	Order Placed	Order Placed
2	Motorised gyroscope.	1 No	Order Placed	Order Placed
3	Governor apparatus - Watt, Porter, Proell and Hartnell governors.	1 set	Order Placed	Order Placed
4	Whirling of shaft apparatus.	1 No	Order Placed	Order Placed
5	Dynamic balancing machine.	1 No	Order Placed	Order Placed
6	Static and dynamic balancing machine.	1 No	Order Placed	Order Placed
7	Vibrating table	1 No	Order Placed	Order Placed
8	Vibration test facilities apparatus	1 No	Order Placed	Order Placed
9	Gear Model	1 No	Order Placed	Order Placed
10	Kinematic Models to study various mechanisms	1 No	Order Placed	Order Placed

Faculty of Mechanical Engineering
V Semester B.E. – Mechanical Engineering

(R 2008)

ME2308 METROLOGY AND MEASUREMENT LABORATORY

Requirement for a batch of 30 students

S.No	Description of Equipment	Quantity Required	Quantity Available	Deficiency %
1.	Micrometer	5	Order Placed	Order Placed
2	Vernier Caliper	5	Order Placed	Order Placed
3	Vernier Height Gauge	2	Order Placed	Order Placed
4	Vernier depth Gauge	2	Order Placed	Order Placed
5	Slip Gauge Set	1	Order Placed	Order Placed
6	Gear Tooth Vernier	1	Order Placed	Order Placed
7	Sine Bar	1	Order Placed	Order Placed
8	Sine Center	1	Order Placed	Order Placed
9	Bevel Protractor	1	Order Placed	Order Placed
10	Floating Carriage Micrometer	1	Order Placed	Order Placed
11	Profile Projector / Tool Makers Microscope	1	Order Placed	Order Placed
12	Mechanical / Electrical / Pneumatic Comparator	1	Order Placed	Order Placed
13	Autocollimator	1	Order Placed	Order Placed

14	Temperature Measuring Setup	1	Order Placed	Order Placed
15	Displacement Measuring Setup	1	Order Placed	Order Placed
16	Force Measuring Setup	1	Order Placed	Order Placed
17	Torque Measuring Setup	1	Order Placed	Order Placed
18	Vibration / Shock Measuring Setup	1	Order Placed	Order Placed

Faculty of Mechanical Engineering

V Semester B.E. – Mechanical Engineering

(R 2008)

ME2309 CAD/CAM LABORATORY

Requirement for a batch of 30 students

S.No	Description of Equipment	Quantity Required	Quantity Available	Deficiency %
	HARDWARE			
1	Computer Server	1	Order Placed	Order Placed
2	Computer nodes or systems (High end CPU with atleast 1 GB main memory) networked to the server	30	18	40 (Order Placed)
3	A3 size plotter	1	Order Placed	Order Placed
4	Laser Printer	1	Order Placed	Order Placed
5	Trainer CNC Lathe	1	Order	Order

			Placed	Placed
6	Trainer CNC milling	1	Order Placed	Order Placed
	SOFTWARE			
7	CAD/CAM software	15 Licenses	15 Licenses	NIL
8	CAM Software (CNC Programming and tool path simulation for FANUC /Sinumeric and Heiden controller)	15 Licenses	Order Placed	Order Placed
9	Licensed operating system	Adequate	Adequate	NIL

Faculty of Mechanical Engineering

**VI Semester B.E. - Mechanical Engineering
(R 2008)**

ME2355 THERMAL ENGINEERING LABORATORY – II

Requirement for a batch of 30 students

S.No	Description of Equipment	Quantity Required	Quantity Available	Deficiency %
1	Guarded plate apparatus	1	Order Placed	Order Placed
2	Lagged pipe apparatus	1	Order Placed	Order Placed

3	Natural convection-vertical cylinder apparatus	1	Order Placed	Order Placed
4	Forced convection inside tube apparatus	1	Order Placed	Order Placed
5	Pin-fin apparatus	1	Order Placed	Order Placed
6	Stefan-Boltzmann apparatus	1	Order Placed	Order Placed
7	Emissivity measurement apparatus	1	Order Placed	Order Placed
8	Parallel/counter flow heat exchanger apparatus	1	Order Placed	Order Placed
9	Single/two stage reciprocating air compressor.	1	Order Placed	Order Placed
10	Refrigeration test rig	1	Order Placed	Order Placed
11	Air-conditioning test rig	1	Order Placed	Order Placed

17. Central Computing Facility

i. Area

Area required (sq.m.)	Area available (sq.m.)	Deficiency %
150	170	Nil

ii. Terminals and LAN/WAN connections:

Norms for number of terminals:

Terminal: Student

B.E./B. Tech.

1:4

M.E./M.Tech.

1:2

B.Arch.

1:6

M.B.A.

1:2

M.C.A

1:2

	Number of terminals with P4 processor	Number of terminals on LAN/WAN	Number of Printers
Required	330	50%	33
Available	330	100 %	33
Deficiency	Nil	Nil	Nil

iii. Softwares

Software required	Name of the software available	Deficiency %
System software – two	1.Windows Server 2008,Windows Server 2003,Windows XP	Nil
	2.Linux	
Application software – eight and four for B.E. / B.Tech. and B.Arch. / M.B.A. / M.C.A. programmes respectively.	1.Oracle 11g	Nil
	2.Rational Suite(Eclipse ,Urgo UML,etc)	
	3.Turbo C & C++	
	4.Jdk 1.6	
	5.Ajax, j2sdk	
	6.Tomcat server	
	7.Visual Basic 6.0	
	8. Microsoft Office 2008,Acrobat Reader	

iv. Network connectivity

Bandwidth : 2 Mbps
 Number of nodes with Internet connection : 50

Norms:

Bandwidth : 510 Kbps
Number of nodes with Internet connection : 30

For colleges offering only Architecture programmes:

Bandwidth : 510 Kbps
Number of nodes with Internet connection : 15

18. Library

Area Required for an intake of 300 students (Sq.m)	Projected Area (Sq.m)	Area available (Sq.m)	Deficiency %	I Area
500	200	421.79	Nil	II Books and Journals a) Books b) Journals

No. of existing UG Programmes N1=6

No. of existing PG programmes N2=NIL

	Science & Humanities	Engg/Tech., Arch& Plan., Management and Computer Applications				Total no of Volumes (M1+M2+M3)	
	No. of Volumes (M1)	No. of Titles (T)	No. of Volumes (M2)			No. of volumes added for the year 2010-11 (M3)	
			If the year of establishment of the college is				
			2010-2011	2009-2010	2008-2009		
Required	1500	250N1+100N2	6T + 1000	-	-	1500	1500
Available	10154	1500	-	-	-	-	11154
Deficiency	Nil	Nil	NIL	NIL	Nil	NIL	NIL

a) Library Books; Norms:

Sl. No.	Programme	available	Required volumes for year of 2011-2012 (250 per course)	Remarks
1	CSE	2885	250	
2	IT	2885	250	
3	EEE	1472	250	
4	ECE	1766	250	
5	MECH	1264	250	
6	CIVIL	565	250	

Total	10835	1500	
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b) Journals; Norms:

Sl. No.	Degree	Programme	National Journal			International Journal		
			R (Refer Norms)	B	Deficiency %	R (Refer Norms)	B	Deficiency %
1	B.E	ECE	6	6	NIL	6	6	NIL
2	B.E	EEE	6	6	NIL	6	4	NIL
3	B.E	CSE	6	6	NIL	6	4	NIL
4	B.Tech	IT	6	6	NIL	6	3	NIL
5	B.E	MECHANICAL	6	6	NIL	6	4	NIL
6	B.E	CIVIL	6	6	NIL	6	3	NIL

19. Class Rooms

Norms for Class Room Capacity
Area (sq.m) **Capacity**
66 **60**

i. Class Rooms available in the whole college

Sl. No.	Area (length x width) in square metre	Number of rooms	Type of roof (RCC/asbestos)	Capacity (for calculation, refer norms given above)
1	75	20	RCC	1320
Total		20		

ii. Summary

Sl. No.	Required	Available	Deficiency %
1	[Total class room capacity required for the college (C) = 0.75 x total sanctioned intake in all the years for all the programmes] = 0.75*1320=990	990	Nil
2	Number of Class rooms required for the college = C/60 = 990/60=16.5	20	Nil

20. Drawing Halls

i. Number of drawing halls required

Norm

- Number of drawing halls required for B.E. / B.Tech programmes = [Total sanctioned intake for the college / 240]
- Number of studios required for B.Arch programme is 5.
- Number of conference rooms required for M.B.A. programme is 3.

Sl. No.	Programmes	Number of drawing halls required (Total sanctioned intake for the college / 240)	Number available	Deficiency %
1.	B.E./B.Tech	2	2	NIL

ii. Area of the drawing hall**Norm**

	Programme	Area required for each drawing hall
1.	<i>B.E./B.Tech</i>	<i>175 sq.m.</i>
2.	<i>B.Arch.</i>	<i>200 sq.m.</i>
3.	<i>M.B.A.</i>	<i>50 sq.m.</i>

Sl. No.	Programmes	Area of the each drawing hall required (sq.m.)	Area of the drawing hall available (sq.m.)	Deficiency %
1	B.E./B.Tech	175	150	Nil
		Extra Drawing Hall	112.5	Nil
Total			262.5	

21. Other building space**i. Central facility**

Sl. No.	Building space for	Building space required (sq.m) *	Projected space required	Available (sq.m.)	Deficiency %
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			(sq.m.)*		
1.	Principal's office	30 (20)	30 (20)	37.5	NIL
2.	Administrative office	20 (20)	20 (20)	27.5	NIL
3.	Reception office	25 (25)	25 (25)	33.64	NIL
4.	Main office	300 for an intake of 240 students/year (50)		112.5 +27.5=140	NIL
5.	Strong room	20 (20)	20 (20)	37.5	NIL
6.	Conference room	100 (25)	100 (25)	112.5	NIL
7.	Drawing/reprographic facility	20 (20)	20 (20)	20	NIL
8.	Maintenance and estate office	40 (40)	40 (40)	75	NIL
9.	Students activity centre	0.25/student (0.25/student)		66.04	NIL
10.	Open air theatre	4000	4000 50	-	NIL
11.	Toilets in education building	10 for each 100 students (10 for each 100 students)		500(18 Blocks)	NIL
12.	Canteen	100 (100)	100 (100)	150	NIL
13.	Co-operative store	100 (30)	100 (30)	-	NIL
14.	NSS / NSO / NCC / YRC office	100 (30)	100 (30)	-	NIL

* (Figures within the brackets indicate the requirements for Architecture programme)

ii. Department facility: Provide details Department wise

Name of the Department:

Sl. No.	Building space for	Building space required (sq.m.)	Projected space required (sq.m.)	Available (sq.m.)	Deficiency %
1.	HOD	20	-	20	NIL
2.	Department office	25	-	25	NIL
3.	Faculty	10 / Teacher	-		NIL
4.	Department library	30	-	30	NIL
5.	Seminar	30	-	30	NIL
6.	Store	10	-	10	NIL

iii. Staff residence

Sl. No.	Building space for	Building space required in sq.m.	Projected space required (sq.m.)	Available (sq.m.)	Deficiency %
1.	Principal	140	140	-	NIL
2.	Professor	100	100	-	NIL
3.	Asst. Prof./Lecturer	80	80	-	NIL
4.	Class III staff	30	30	-	NIL
5.	Class IV staff	20	20	-	NIL

22. Hostels

Distance between the location of the college and the city:

Norms

	<u>Carpet Area (sq.m.)</u>
Single room	9
Triple seated room	20

i. Boys Hostel

Norms

- For the first year students a maximum of three in a room and for others single seated rooms to be provided.
- Total hostel capacity required for boys is 25% of boys' strength in the college if the college is located within 20 kms of a large city
- Total hostel capacity required for boys is 50 % of boys' strength in the college if the college is situated in other locations.
- Accommodation for 120 students is to be considered as one hostel unit.

A. Details

Sl. No.	Block number	Carpet area of room (sq.m.)	Room capacity (a) (refer norms given above)	Number of rooms (b)	Capacity per Block (c) = (a) x (b)
1	2	38.8	7	4	28
2	2	24	4	17	68
3	2	24	4	19	76
4	2	24	4	19	76
5	2	24	4	19	76
Total					

B. Summary

Total hostel capacity required for boys (refer norms given above)	Total hostel capacity available for boys	Deficiency %
445	600	Nil

ii. Girls Hostel

Norms

For the first year students a maximum of three in a room and for others single seated rooms to be provided.

Total hostel capacity required for girls is 50% of girls' strength in the college if the college is located within 20 km of a large city

Total hostel capacity required for girls is 100 % of girls' strength in the college if the college is situated in other locations.

A. Details

Sl. No.	Block number	Carpet area of room (sq.m.)	Room capacity (a) (refer norms given above)	Number of rooms (b)	Capacity per Block (c) = (a) x (b)
1	1	24	4	10	40
2	1	24	4	10	40
3	1	24	4	10	40
Total					

B. Summary

Total hostel capacity required for girls (refer norm given above)	Total hostel capacity available for girls	Deficiency %
80	120	Nil

iii. Other related building areas

Sl. No.	Description of the area	Required carpet area (sq.m.) per hostel unit of 120 students	Projected area required (sq.m.)	Available carpet area (sq.m.)	Deficiency %
1.	Kitchen and Dining Hall	200	-	5000	NIL
2.	Indoor games cum Common hall	150	-	155	NIL
3.	Medical room (for all hostels)	50	-	75	NIL
4.	Canteen	50	-	110	NIL
5.	Warden office	18	-	38.8	NIL
		Additional four rooms of 9 sq.m. each within the blocks		38.87	
6.	Guest rooms	18 (2 nos.)	-	77.6	NIL
		Additional four rooms of 9 sq.m. each within the blocks	-	38.8	
7.	Toilets	75	-	182	NIL

iv. Details of Teachers Hostel available

(It is desirable to have a hostel type accommodation for 25% strength of the teachers with the norm of 30 sq.m. carpet area per teacher inclusive of an attached toilet room.)

23. Physical Education

S. No	Description	Details
1.	Total area of the play ground	1.5 acres
2.	Details of the Outdoor games available	1. Football
		2. Volleyball
		3. Handball
		4. Badminton, Tennis, 200 Mts Track
3.	Details of the Indoor games available	1. Carom board
		2. Chess
		3. Table Tennis
4.	Details of Gym available	Available
5.	Fund allotted to Physical Education	8,00,000

24. Training and Placement Cell**i. Details of the staff**

Sl. No.	Name	Designation	Department
1	CHANDRASEKARAN G	Placement And Training Officer	Placement Cell
2	LOGABIRAMAN D	Training Coordinator	Placement Cell

ii. Facilities available

Sl. No.	Item	Available (Y/N)
1	Conference hall	Y
2	Interview room	Y
3	OHP	Y
4	LCD projector	Y
5	Audio visual facilities	Y

25. Alumni Association

Is alumni association functioning in the college? NOT APPLICABLE

26. Other amenities

i. Health Centre

Sl. No.	Name of the staff	Designation	Qualification	Specialization	Experience
1	Dr.Sankaralingam	Medical Officer	M.B.B.S.,M.S.	General	10 Years

ii. Others

Sl. No.	Amenity	Available (Y/N)
1.	Vehicle parking stand	Y
2.	Transport facilities for staff and students	Y
3.	Bank /Extension counter facility	Y
4.	Telephone facility	Y
5.	Drinking water facility	Y
6.	Generator (min. 25 KVA)	Y

27. Registers and Records

Sl. No.	Name of Register / Record	Is it maintained? (Y / N)
1.	Department wise faculty profile	Y
2.	Department wise Non-Teaching Staff Profile	Y
3.	Register of attendance and assessment record (programme wise)	Y
4.	Attendance for teaching and non-teaching staff	Y
5.	Advertisement for recruitment of faculty members	Y
6.	Minutes of the meeting of Staff Selection Committee	Y
7.	Appointment / offer letters issued to faculty members	Y
8.	Joining report of staff members	Y
9.	Record of students (programme wise)	Y
10.	Academic performance record of students (programme wise)	Y
11.	Record of student projects (UG, PG & PhD)	NA
12.	Register of attendance and assessment record (programme wise)	Y
13.	Record of scholarships / fellowships / financial assistance for students	Y
14.	Book of Transfer certificate (including counterfoils)	Y
15.	Copy of Regulations, curriculum and syllabi (programme wise)	Y
16.	Record of Research / Consultancy / Extension activities (Department wise)	NA
17.	Record of Achievements, Award and Recognition (Department wise)	Y
18.	Master time table and Academic calendar	Y
19.	Accession register for library	Y
20.	Stock register for equipment	Y
21.	Stock register for consumable	Y
22.	Stock register for furniture	Y
23.	Stock register for tools and plants	Y
24.	Minutes of the meetings of the Governing council of the college	Y
25.	Minutes of the meeting of the Planning and Monitoring Board	Y
26.	Minutes of the meetings of the Registered Society / Trust of the college	Y
27.	Year-wise audited statement of accounts of the college and also in the format specified by the University	Y
28.	Cash book of the college	Y
29.	Acquittance register	Y
30.	Fee receipt books (including counterfoils)	Y
31.	Funds position / bank certificates / FDR copies to indicate financial stability	Y

28. Certificates

The **originals** of the following are to be produced for verification at the time of inspection to the inspection committee members (**copies need not be enclosed along with application**)

Sl. No.	Certificate	Available (Y / N)
1.	Village field map / Field measurement book sketch	Y
2.	College site map / plan.	Y
3.	Existing building plan.	Y
4.	Building sketch [details of Rooms, Laboratories, Stores, Library etc. for all the floors]	Y
5.	Building plan proposed.	Y
6.	Irrevocable Trust Registration Deed.	Y
7.	Documentary proof for ownership of lands exclusively earmarked for the College.	Y
8.	Legal opinion from not below the rank of the Govt. pleader on the ownership of land and extent of coverage.	Y
9.	Land use Certificate from an appropriate authority (RDO) and Land conversion certificate from the Directorate of Town & Country planning.	Y
10.	# Certificate under Section 37 (B) of Tamil Nadu Land Reforms (Land fixation and Ceiling) Act, 1961.	-
11.	# State Government permission for starting the College.	-
12.	AICTE approval for the programme(s) (copy to be enclosed).	Y
13.	Documents showing the financial viability of the college [details of financial budgeted revenue and expenses statements (Current year)].	Y
14.	Composition of the Governing council.	Y
15.	Master Time – Table for all courses and all sections with classroom arrangements.	Y
16.	Audited statement of accounts of the college for the past three years.	Y
17.	Certificates for fire/boiler/electrical safety from competent authorities.	Y
18.	Certificate from Health Inspector.	Y
19.	Certificate from PWD Superintendent Engineer for the structural stability of the building	Y
20.	Building and equipment insurance certificate.	Y

The application for affiliation will be considered without prejudice to the right of the University requiring the production of certificate under Section 37B of Tamil Nadu Land Reforms (LC) Act 1961 and the permission of the Government to establish the college required, subject to the verdicts of the Hon'ble High Court of Madras.

29. Inspection fee

Details of Inspection fee remitted: (The D.D. has to be enclosed with the application)

Sl. No.	Programmes for which affiliation is sought for the year 2011-12	Inspection fee per programme	Number of programme(s)	Total Amount (Rs)
1.	Inspection fee for each additional academic programme	Rs. 25,000/-	Nil	Nil
2.	Inspection fee for each of the already affiliated programme with increase in intake	Rs. 25,000/-	1	Rs. 25,000/-
3.	Inspection fee for each of the already existing programme with existing / reduction in intake	Rs. 12,500/-	4	Rs. 50,000/-
4.	Inspection fee for permanent affiliation for each of the already affiliated programme with existing / reduction / increase in intake	Rs. 25,000/-	Nil	Nil
Grand Total				Rs. 75,000

D.D. No.: **378521 & 378522** Dated:21.11.11

Name of the Bank & Branch: **South Indian Bank, Nelvoy**

(The D.D. to be drawn in favour of 'The Director, Centre for Affiliation, Anna University of Technology Chennai, Chennai – 600 113)

30. Endorsement of the Principal

I, Dr. V.Ramanathan son of Thiru. N. Veerasamy on behalf of the A.C.T College of Engineering and Technology, Nelvoy hereby declare that the particulars furnished in the application are correct to the best of my knowledge.

**Principal
(Dr. V. RAMANATHAN)**

Seal

Place:Nelvoy

Date:21.01.2011

31. Declaration by the Management

I, Thiru. / Tmt. _____ son / daughter of Thiru. _____ on behalf of the trust, viz., _____ hereby declare that the particulars furnished in the application are correct to the best of my knowledge. No programme(s) will be started without the prior approval of the AICTE and the grant of affiliation by the Anna University of Technology Chennai for the academic year concerned and all the original documents related to the particulars given in the application will be produced at the time of inspection and whenever called for.

Chairman / Secretary
(Name in Capital Letters)

Seal

Place:

Date:

ANNEXURE I

(Refer Item 14(ii) of the Application for Affiliation)

**FACULTY REQUIREMENT FOR A GIVEN TOTAL SANCTIONED STRENGTH (S) FOR ALL
ACADEMIC PROGRAMMES EXCEPT FOR B.ARCH. PROGRAMMES**

Total sanctioned strength (S)	No. of faculty members required (R)			
	Professor	Asst. Prof.	Lecturer	Total
30	1/0	1/2	2	4
45	1/0	1/2	2	4
60	1/0	1/2	2	4
75	1/0	1/2	3	5
90	1	1	4	6
105	1	1	5	7
120	1	1	6	8
135	1	2	6	9
150	1	2	7	10
165	1	2	8	11
180	1	2	9	12
195	1	2	10	13
210	1	3	10	14
225	1	3	11	15
240	1	3	12	16
255	1	3	13	17
270	2	4	12	18
285	2	4	13	19
300	2	4	14	20
315	2	4	15	21
330	2	4	16	22
345	2	5	16	23
360	2	5	17	24
375	2	5	18	25
390	2	5	19	26
405	3	6	18	27
420	3	6	19	28
435	3	6	20	29
450	3	6	21	30
465	3	6	22	31
480	3	7	22	32
495	3	7	23	33

Total sanctioned strength (S)	No. of faculty members required (R)			
	Professor	Asst. Prof.	Lecturer	Total
510	3	7	24	34
525	3	7	25	35
540	4	8	24	36
555	4	8	25	37
570	4	8	26	38
585	4	8	27	39
600	4	8	28	40
615	4	9	28	41
630	4	9	29	42
645	4	9	30	43
660	4	9	31	44
675	5	10	30	45
690	5	10	31	46
705	5	10	32	47
720	5	10	33	48
735	5	10	34	49
750	5	11	34	50
765	5	11	35	51
780	5	11	36	52
795	5	11	37	53
810	6	12	36	54
825	6	12	37	55
840	6	12	38	56
855	6	12	39	57
870	6	12	40	58
885	6	13	40	59
900	6	13	41	60
915	6	13	42	61
930	6	13	43	62
945	7	14	42	63
960	7	14	43	64
975	7	14	44	65
990	7	14	45	66
1005	7	14	46	67

ANNEXURE II

(Refer Item 14(ii) of the Application for Affiliation)

FACULTY REQUIREMENT FOR A GIVEN TOTAL SANCTIONED STRENGTH (S) FOR B.ARCH. PROGRAMMES

Total sanctioned strength (S)	No. of faculty members required (R)			
	Professor	Asst. Prof.	Lecturer	Total
20	1/0	0/1	3	4
30	1/0	1/2	2	4
40	1/0	1/2	2	4
50	1/0	1/2	3	5
60	1/0	1/2	4	6
70	1/0	1/2	5	7
80	1/0	1/2	6	8
90	1	2	6	9
100	1	2	7	10
110	1	2	8	11
120	1	2	9	12
130	1	2	10	13
140	1	3	10	14
150	1	3	11	15
160	1	3	12	16
170	1	3	13	17
180	2	4	12	18
190	2	4	13	19
200	2	4	14	20
