Mandatory Disclosure

I. NAME OF THE INSTITUTION

Velammal Engineering College.
Ambattur – Redhills Road,
Surapet, Chennai – 600 066
Ph: 044-26591860/26591870
Fax: 044-26591771
Web: www.velammal.org
e.mail:velammmal@velammal.org.

II. NAME & ADDRESS OF THE DIRECTOR/ PRINCIPAL

Dr.N.Duraipandian, M.E., Ph.D. –Vice Principal (Principal i/c).
Velammal Engineering College.
Ambattur – Redhills Road,
Surapet, Chennai – 600 066
Ph- 044-26591842
Fax: 044-26591771
e.mail:velammmal@velammal.org.

III. Name of the Affiliating University

Anna University,
Guindy,
Chennai – 600 025

IV. GOVERNANCE

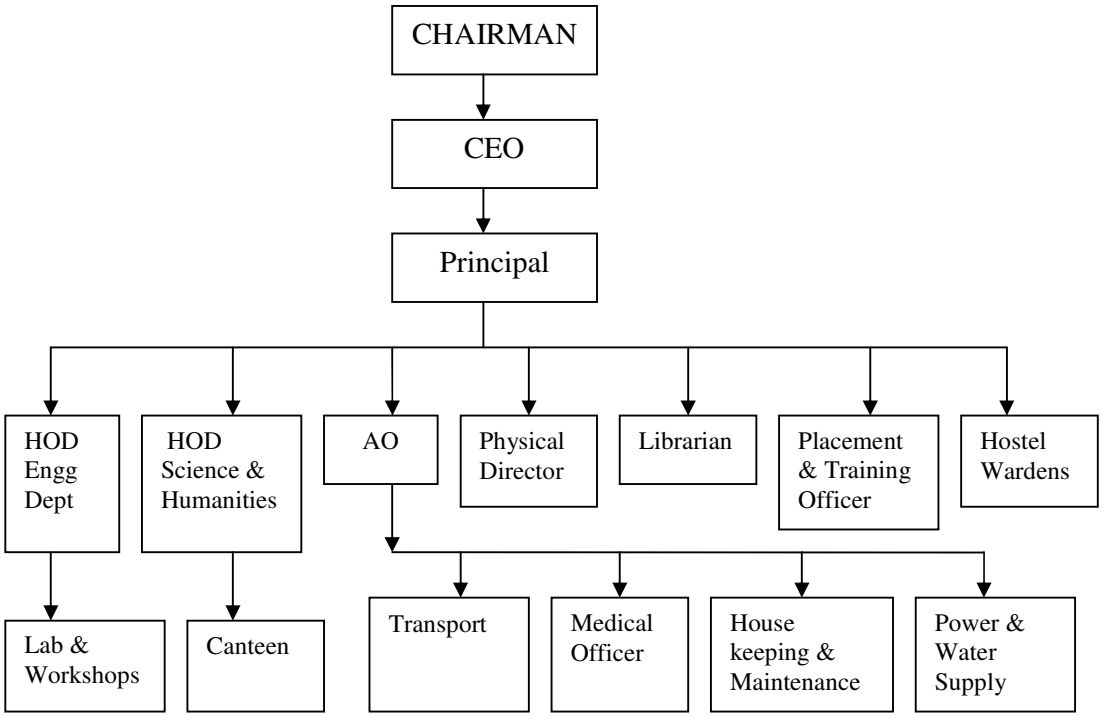
❖ Members of the Board and their brief background

S.NO	NAME	ADDRESS	DESIGNATION	POSITION IN THE COUNCIL
1	Thiru.M.V.Muthuramalingam	"Velammal Nagar", Ambattur-Redhills Road, Chennai-66.	Chairman Velammal Educational Trust	Chairman
2	Thiru.M.V.M.Velmurugan	Velammal Engineering College, "Velammal Nagar", Ambattur-Redhills Road, Chennai-66.	Chief Executive Officer	Member
3	Thiru.S.Ramakrishnan	TAFE Ltd. Sembiam Chennai-11.	Associate V.P	Member
4	Thiru.V.Ghurumurthy	96,Nelson Manickam Road, Chennai – 29.	Chairman GEE GEE Khay Chemical Industries	Member
5	Thiru.M.Poonusamy	32, 15th Main Road, Anna Nagar, Chennai-40	Chairman Pure Chemicals	Member
6	Thiru.Seetharamiah	Ambattur Industrial Estate, Chennai-58	Managing Director, Susira Industries	Member
7	Thiru.M.Jaganathan	Z Block, No.12, 11th Street, Anna Nagar, Chennai-40	Consultant	Member
8	Mr.S.Aaramudhan	T.V.S.LUCAS, Padi, Chennai	Executive Vice President, Human Resource	Member
9	Commissioner	Commissioner of Technical	Commissioner DOTE	Nominee of

		Education, Guindy, Chennai – 25 .		the State Govt
10	Mr.S.Nagarajan	Ashok Leyland Chennai	Executive Director Project, Ashok Leyland	Member
11	Mr.S.Sundaresh	CVRDE	Director CVRDE	Member
12	Dr.D.Hanumanna	Ashok Leyland Chennai	Principal Advisor (Technical)	Member
13	Dr. M.R. Mohan	Nominee of Anna Anna University	Chairman Faculty of Ele.Eng.	Member
14	Dr.J. Shanmugam	Velammal Engineering College, "Velammal Nagar", Ambattur-Redhills Road, Chennai-66.	Principal VEC	Member

- Frequency of the Board Meetings and Academic Advisory Body
  Board Meetings: Thrice in a Year
  Advisory body : Once in a Year

- Organizational chart and processes



- Nature and Extent of involvement of faculty and students in academic affairs/ improvements

  Involvement of Faculty:
  - Student Counseling
  - Special & Coaching Classes for weaker students
  - Communication skills
  - Personality development classes
  - Ad on courses
  - Mock Interview training
  - In – service training
  - Earn while you learn scheme
  - Motivational Talks/ Seminars/ Symposiums/work shop
  - Projects
  - R & D

  Involvement of Students:
  - Seminars/ Symposiums/work shop
  - Taking part in out side competitions / Interdepartmental
  - Paper Presentation in National & International Level
  - University ranks & Medals
  - R & D activities
- Mechanism/Norms & Procedure for democratic/good Governance

- Student Feedback on Institutional Governance/faculty performance
  - Suggestion boxes
  - Complaint register
  - Student appraisal about the staff
- Grievance redressal mechanism for faculty, staff and students
  - Counseling
  - Incentives
  - Letter of appreciation

V. PROGRAMMES

- Name of the Programmes approved by the AICTE

UNDER GRADUATE PROGRAMMS

  - Computer Science & Engineering
  - Electronics & Communication Engineering
  - Electrical & Electronics Engineering
  - Mechanical Engineering
  - Information Technology
  - Electronics & Instrumentation Engineering
  - Civil Engineering
  - Production Engineering

POST GRADUATE PROGRAMMS

  - Computer Science & Engineering
  - Applied Electronics & Engineering
  - Power Systems & Engineering
  - Internal Combustion Engineering
  - Mobile Pervasive Computing
  - Information Technology
  - Embedded System Technologies
  - Master of Computer Applications
  - Master of Business Administration
- Name of the Programmes accredited by the AICTE - UG
  - Computer Science & Engineering
  - Electronics & Communication Engineering
  - Electrical & Electronics Engineering
  - Mechanical Engineering
  - Information Technology
  - Electronics & Instrumentation Engineering

Name of the Programmes accredited by the AICTE - PG

Applied Electronics

Power System Engineering

❖ For each Programme the following details are to be given:

- Name
- Number of seats
- Duration
- Cut off mark/rank for admission during the last three years
- Fee
- Placement Facilities - Available
- Campus placement in last three years with minimum salary, maximum salary and average salary

Course	No. of Seats	Duration	Cut off Marks	Fee	
				GQ	MQ
CSE	120	4	Refer Annexure "H"	40000	62500
ECE	120	4		40000	62000
EEE	120	4		40000	62500
MECH	120	4		40000	62500
IT	120	4		40000	62500
EIE	120	4		40000	62500
Civil	120	4		32500	62500
Production	60	4		32500	62500
M.E.CSE	18	2		45000	70000
M.E.AE	18	2		50000	70000
M.E.PSE	18	2		50000	70000
M.E ICE	18	2		45000	70000
M.Tech-IT	18	2		45000	70000
M.E.-Mobile Pervasive Computing	18	2		45000	70000
M.E.-Embedded System Technologies	18	2		45000	70000
MCA	60	3		25000	40000
MBA	60	2		25000	50000

❖ Name and duration of programme(s) having affiliation/collaboration with Foreign University(s)/Institution(s) and being run in the same Campus along with status of their AICTE approval. If there is foreign collaboration, give the following details:

- NIL

VI. FACULTY

❖ Branch wise list faculty members:

- Permanent Faculty
- Visiting Faculty
- Adjunct Faculty
- Guest Faculty
- Permanent Faculty: Student Ratio

❖ Number of faculty employed and left during the last three years

VII. PROFILE OF DIRECTOR/PRINCIPAL WITH QUALIFICATIONS, TOTAL EXPERIENCE, AGE AND DURATION OF EMPLOYMENT AT THE INSTITUTE CONCERNED - P.T.O

For each Faculty give a page covering

1. Name
2. Date of Birth
3. Educational Qualification
4. Work Experience
   - Teaching :
   - Research :
   - Industry :
   - Others :
5. Area of Specializations : Mechanical
6. Subjects teaching at Under Graduate Level
   Post Graduate Level
7. Research guidance

	No. of papers published in
Masters's	- National Journals
Ph.D.	- International Journals
	- Conferences

8. Projects Carried out
9. Patents
10. Technology Transfer
11. Research Publications
12. No. of Books published with details

PHOTOGRAPH

SIGNATURE

VIII. FEE

- Details of fee, as approved by State fee Committee, for the Institution.

Course	Fee
Computer Science Engg.	40000
Electronics & Comm.Engg	40000
Electrical & Electronics Engg.	40000
Mechanical Engg.	40000
Information Technology	40000
Electronics & Instrumentation Engg	40000
Civil Engineering	32500
Production Engineering	32500
M.E.Computer Science Engg.	45000
M.E.Applied Electronics	50000
M.E.Power System Engg.	50000
M.E Internal Combustion Engg.	45000
M.E. Mobile Pervasive Computing	45000
M.Tech-Information Technology	45000
M.E. – Embedded System Technologies	45000
Master of Computer Application	25000
Master of Business Administration	25000

- Time schedule for payment of fee for the entire programme.
  - UG Fee to be paid per Annum before Commencement of Classes
  - PG Fee to be paid before Commencement of Classes
- No. of Fee waivers granted with amount and name of students.
- Number of scholarship offered by the institute, duration and amount
  - No
- Criteria for fee waivers/scholarship.
- Economically weaker Students/ Meritorious/ Physically Handicapped / Orphans / Relatives / wards of the staff members / Students with family problems / Jobless Parents etc…
- Estimated cost of Boarding and Lodging in Hostels.
  - Rs.40000/- p.a

IX. ADMISSION

- Number of seats sanctioned with the year of approval.

Course	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	06-07	07-08
CSE	60	60	60	60	60	90	90	90	90	90	120	120	120
ECE	60	60	60	60	60	90	90	120	120	120	120	120	120
EEE	60	60	60	60	60	60	60	60	60	60	120	120	120
MECH	-	-	-	-	30	30	60	90	90	90	90	120	120
IT	-	-	-	-	30	60	90	90	90	90	90	120	120
E&I	-	-	-	-	-	-	-	60	60	60	60	120	120
Civil	-	-	-	-	-	-	-	-	-	-	-	-	60
M.E CSE	-	-	-	-	-	-	-	-	-	-	18	18	18
M.E A.E.	-	-	-	-	-	-	-	-	-	18	18	18	18
M.E P.S.E.	-	-	-	-	-	-	-	-	-	18	18	18	18
M.E ICE	-	-	-	-	-	-	-	-	-	-	18	18	18
M.E. Mobile Pervasive Computing	-	-	-	-	-	-	-	-	-	-	-	18	18
MCA	-	-	-	-	-	-	-	40	40	40	40	40	60
MBA	-	-	-	-	-	-	-	-	-	-	-	-	60

Course	08-09	09-10
B.E. - CSE	120	120
B.E. - ECE	120	120
B.E. - EEE	120	120
B.E. - MECH	120	120
B.TECH. - IT	120	120
B.E. - E&I	120	120
B.E. – CIVIL	60	120
B.E. – PRODN..	60	60
M.E. - CSE	18	18
M.E – APPLIED ELECTRONICS	18	18
M.E. – POWER SYS. ENGG.	18	18
M.E. – INTERNAL COMBU. ENGG.	18	18
M.E.- MOBILE PERVASIVE COMPUTING	18	18
M.TECH.- INFORMATION TECH.	18	18
M.E. – EMBEDDED SYSTEM TECHNOLOGY	--	18
MCA	60	60
MBA	60	60

- Number of students admitted under various categories each year in the last three years.

COURSE	2006-2007	2007-2008	2008-09	2009-10
B.E. - CSE	120	132	121	115
B.E. - ECE	119	139	122	113
B.E. - EEE	120	132	115	114
B.E. - MECH	116	132	120	114
B.TECH - IT	118	132	112	96
B.E. - E&I	116	131	115	103
B.E. - CIVIL	-	66	62	104
B.E.-PRODN	-	-	55	53
M.E APPLIED ELECTRONICS	10	10	9	17
M.E.POWER SYSTEM ENGG.	7	4	7	18
M.E CSE	16	14	18	18
M.E ICE	3	3	-	9
M.E.- MOBILE PERVASIVE COMPUTING	-	-	-	18
M.TECH.- INFORMATION TECH.	-	-	-	18
M.E. – EMBEDDED SYSTEM	-			18

TECHNOLOGY		-	-	
MCA	35	60	50	37
MBA	-	57	58	52

❖ Number of applications received during last two years for admission under Management Quota and number admitted.

YEAR	APPLICATIONS RECEIEVED	ADMITTED
2007-2008	810	270
2008-09	900	300
2009-10	700	440

X. ADMISSION PROCEDURE

❖ Mention the admission test being followed, name and address of the Test Agency and its URL (website).

➢ + 2 Higher Secondary School Leaving Certificate (HSLC) – Based on marks scored – Single Window System of Counselling for Govt. Quota – TNEA 2009
Tamil Nadu Engineering Admission, Anna University Chennai, Chennai – 600 025 – Website : www.annauniv.edu./tnea
➢ For Management Quota students – ranking and allotment done by « Consortium of Self Financing Professional, Arts & Science Colleges in Tamil Nadu ».

❖ Number of seats allotted to different Test Qualified candidates separately [AIEEE/CET (State conducted test/University tests)/Association conducted test]

➢ All Government seats are allotted by "Tamil Nadu Engineering Admissions",
Anna Univeristy, Chennai – 600 025

❖ Calendar for admission against management/vacant seats:
July/August
- Last date for request for applications: 17-08-2009
➢ 10 days after the publication of Qualifying examination Results

- Last date for submission of application.: 17-08-2009
➢ 30 days after the publication of Qualifying examination Results

- Dates for announcing final results.
➢ Two weeks after the submission of dully filled in applications

- Release of admission list (main list and waiting list should be announced on the same day)
➢ Immediately on the Notice board of the College and in Web Site: www.velammal.org

- Date for acceptance by the candidate (time given should in no case be less than 15 days)

➢ 20 days from date of publication of selection list

- Last date for closing of admission.
➢ As per the date given by the Director of Technical Education (DOTE)

- Starting of the Academic session.
➢ As per the date given by the Affiliating University (Anna University)

- The waiting list should be activated only on the expiry of date of main list.
➢ From 21st to 30th day after Publication of Selection List (First Come First Basis)

- The policy of refund of the fee, in case of withdrawal, should be clearly notified.
➢ The Fees will be refunded if the student has not joined in the institution.

XI. CRITERIA AND WEIGHTAGES FOR ADMISSION

❖ Describe each criteria with its respective weightages i.e. Admission Test, marks in qualifying examination etc.

➢ Weightage: %Physics +% Chemistry +% Maths / 3 in +2 HSLC

❖ Mention the minimum level of acceptance, if any.

- As per the Community Reservation

Community	OC	BC	MBC	SC/ST
% Of Marks	55	50	45	Mere Pass

- Mention the cut-off levels of percentage & percentile scores of the candidates in the admission test for the last three years.

	COURSE	OC		BC		MBC		SC/ ST	
		HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW
2004-2005	CSE	281.94	268.35	275.01	264.46	270.21	180.43	240.95	196.43
	ECE	279.11	273.89	278.39	270.81	265.13	259.42	253.77	232.41
	EEE	273.14	269.50	272.76	268.28	254.89	248.49	234.79	227.39
	MECH	272.79	264.09	269.31	261.12	250.63	240.36	248.25	205.99
	IT	274.96	233.68	272.00	270.49	262.42	244.39	226.11	179.16
	E&I	273.07	267.22	269.58	264.71	244.53	236.70	219.37	203.81

	COURSE	OC		BC		MBC		SC/ ST	
		HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW
2005-2006	CSE	271.98	269.24	270.68	265.63	269.92	254.67	254.2	218.21
	ECE	273.99	270.95	272.81	204.16	262.35	257.47	260.95	202.81
	EEE	267.84	265.94	267.44	263.29	249.82	209.67	241.37	156.06
	MECH	265.55	260.65	262.57	257.22	250.15	220.25	230.85	151.69
	IT	269.48	267.57	268.70	196.40	255.04	250.39	246.52	230.91
	E & I	267.53	265.97	265.19	202.01	252.53	242.83	226.89	203.26

	COURSE	OC		BC		MBC		SC/ ST	
		HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW
2006-2007	CSE	281.94	268.35	275.01	264.46	270.21	180.43	240.95	196.43
	ECE	279.11	273.89	278.39	270.81	265.13	259.42	253.77	232.41
	EEE	273.14	269.50	272.76	268.28	254.89	248.49	234.79	227.39
	MECH	272.79	264.09	269.31	261.12	250.63	240.36	248.25	205.99
	IT	274.96	233.68	272.00	270.49	262.42	244.39	226.11	179.16
	E&I	273.07	267.22	269.58	264.71	244.53	236.70	219.37	203.81

	COURSE	OC		BC		MBC		SC		ST	
		HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW
2007-2008	CIVIL	189	180.00	183.33	177.75	169.33	164.50	153.33	128.25	--	--
	CSE	195.66	193.75	195.33	192.50	193.33	188.75	177.33	170.25	152.66	157.50
		196.33	194.75	196.33	193.75	191	190.00	179.66	174.50	144.00	143.25

	ECE										
	EEE	192.66	190.50	191.33	188.75	192.66	181.75	166.33	155.25	130	125.5
	MECH	190.00	187.50	192.00	185	184.66	177.00	163.33	151.50	121.33	118.75
	IT	196.00	192.00	195.00	191.00	188.00	185.75	178.33	167.25	131.75	130.66
	E&I	191	187.50	192.66	186.00	186.33	177.00	165	135.75	--	--

	COURSE	OC		BC		MBC		SC		ST	
		HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW
2008-2009	CIVIL	194.33	189.50	190.33	188.25	188.75	181.00	161.33	154.75		--
	CSE	196.00	194.75	195.33	193.50	190.33	188.50	183.66	172.75	153.50	151.00
	ECE	196.66	196.25	197.00	195.50	192.66	192.00	187.75	181.00	155.75	155.33
	EEE	195.66	193.25	194.00	192.25	191.00	185.75	176.33	166.75	--	--
	MECH	195.00	193.25	195.00	192.50	191.66	186.00	188.50	171.50	147.33	153.00
	IT	197.00	192.50	194.33	191.25	190.00	184.50	184.25	164.75	139.33	138.00
	E&I	193.00	191.50	194.33	190.50	186.66	181.00	182.00	158.75	--	--
	PRODN	189.66	187.50	190.00	185.75	181.66	175.25	152.00	144.00	--	--

	COURSE	OC		BC		MBC		SC		ST	
		HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW
2009-2010	CIVIL	96.33	94	97.33	92.17	97.25	90.67	89.63	59.17	65.50	65.50
	CSE	97.50	96.33	95.00	65.67	95.00	89.50	85.17	57.83	--	--
	ECE	98.50	70.50	98.50	95.50	98.33	95.33	94.33	79.50	--	--
	EEE	97.50	96.67	95.67	95.33	96.25	90.75	90.33	56.67	--	--
	MECH	98.0	96.33	98.13	95.83	96.50	93.33	96.33	69.0	69.33	69.33
	IT	96.50	93.67	96.33	93.17	92.25	88.33	78.0	50.17	--	--
	E&I	96.67	94.33	96.67	92.00	94.67	88.33	83.63	66.50	57.83	57.83
	PRODN	95.00	92.50	96.17	91.17	95.63	83.83	88.67	54.33	--	--

- Display marks scored in Test etc. and in aggregate for all candidates who were admitted.

Item No I - XI must be given in information brochure and must be hosted as fixed content in the website of the Institution.

The Website must be dynamically updated with regard to XII–XV.

XII. APPLICATION FORM

- Downloadable application form, with online submission possibilities.
  Option is available

XIII. LIST OF APPLICANTS

- List of candidates whose applications have been received along with percentile/percentage score for each of the qualifying examination in separate categories for open seats. List of candidates who have applied along with percentage and percentile score for Management quota seats.
  Enclosed

XIV. RESULTS OF ADMISSION UNDER MANAGEMENT SEATS/VACANT SEATS

- Composition of selection team for admission under Management Quota with the brief profiles of members (This information be made available in the public domain after the admission process is over)
  Admission based purely on merit (marks) & Community reservation
- Score of the individual candidates admitted arranged in order of merit.
  Enclosed
- List of candidates who have been offered admission.
  Enclosed
- Waiting list of the candidates in order of merit to be operative from the last date of joining of the first list candidates.
  Enclosed

XV. INFORMATION ON INFRASTRUCTURE AND OTHER RESOURCES AVAILABLE

LIBRARY:

Number of Library books/Titles/Journals available (programme-wise)

Sl. No.	Course(s)	No. of Titles	No. of Books	Journals		Magazines		Total
				National	International	National	International	
1	CSE	1607	6071	6	93	7	12	118
2	ECE	858	5759	6	177	2	7	192
3	EEE	649	5458	6	99	4	6	115
4	MECH	705	4448	6	120	-	2	128
5	IT	666	4379	6	85	2	5	98
6	EIE	524	2511	6	120	-	3	129
7	CIVIL	142	1269	8	92	-	-	100
8	PRODUCTION	109	1295	6	154	2	3	165
9	Mathematics	468	2968	3	98	1	-	102
10	Chemistry	276	1612	5	94	1	-	100
11	Physics	217	1282	2	127	1	-	130
12	English	451	1288	-	47	-	-	47
13	General	756	1422	-	1	13	-	14
14	M.E. App.Elec.	142	664	-	82	-	-	82
15	M.E. Power Sys.Engg.	109	510	-	94	-	-	94
16	M.E. Int.Com.Engg	100	549	-	62	-	-	62
17	M.E. CSE	103	515	-	93	7	12	112
18	M.Tech	101	520	-	85	-	-	85
19	M.E.-Embedded Sys.Tech.	18	139	-	141	-	-	141
20	M.Sc.-CT	141	859	-	85	-	-	85
21	M.Sc.-I.T.	181	875	6	85	2	5	98
22	MCA	704	3819	6	85	2	5	98
23	MBA	354	1905	15	212	-	-	227
	Total	9381	50117	87	2331	44	60	2522

(II) Details regarding Workshop, Laboratories and Computers-
(Course-wise):

i) Infrastructural and Instructional facilities as per norms and standards (No. of Class Rooms, Tutorial Halls, List of Laboratories available with area of each Laboratory, Workshop, Major Equipment Details and its Cost

VELAMMAL ENGINEERING COLLEGE
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Infrastructural and Instructional facilities as per norms and standards (No. of Class Rooms) Tutorial Halls.

BUILTUP AREA

S.No	Name of the Laboratory	Area in Sq.ft
1	Electronics Lab	1672
2	Advanced Electronics Lab	1350
3	Microprocessor Lab	1344
4	Microwave & Communication Lab	1344
5	Integrated Circuits Lab	1890
6	Store Room	1000
7	Class Rooms(8 Nos)	8800
8	Staff Room	2000
9	Department Library	450

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

LIST OF LABORATORIES

S.No	Name of the Laboratory
1	Electronics Lab
2	Advanced Electronics Lab
3	Microprocessor Lab
4	Microwave & Communication Lab
5	Integrated Circuits Lab

iii) Major Equipment Details and its Cost.

MAJOR EQUIPMENTS IN ELECTRONICS LAB

SI.NO	DETAILS OF EQUIPMENT	QTY	RATE/RS
1	SCIENTIFIC 20 MHZ	2	30,580
2	SCIENTECH 20MHZ	1	17,280
3	PHILIPS 5020 P	2	31,000
4	PHILIPS MODEL OS-9020P	2	31,000
5	GOLDSTAR 20MHZ OS-9020G	2	48,000
6	GOLDSTAR 100MHZ OS-9100D	1	56,000
7	MICROTEK 30MHZ OSC-5030	2	36,556
8	MICROTEK 30MHZ OSC-5030	2	37,440
9	SM410 30MHZ	2	29,250
10	SCIENTECH 30MHZ	2	37,400
11	FUNCTION GENERATORHM5030	3	26,790
12	FUNCTION GENERATORHM5030	2	18,574
13	FUNCTION GENERATORHM5030	5	34,125
14	FUNCTION GENERATOR CADDO 10MHZ	2	17,500
15	DC RPS (MONO) (0-30)V	5	17,340
16	TESTRONICS 92B SINGLE O/P (0-30)V	2	6,480
17	MICRONET (0-30)V	7	22,309
18	DC MULTIOUTPUT (0-30)V	5	22,400
19	DC RPS (DUAL) (0-30)V	3	13,350
20	TESTRONICS-93B DUAL 30V	4	23,520
21	MICRONET DUAL (0-30)V	2	11,088
22	DC FIXED O/P± 5V/1A	2	1,900
23	SYSTEMS DIGITAL TRAINER KIT	1	4,500
24	DIC DIGITAL TRAINER KIT	3	12,300
25	SYSTEMS DIGITAL TRAINER KIT	15	93,000
26	LCR METER MODEL 3 1/2 DIGIT	1	3,450
27	LCR METER MODEL 3 1/2 DIGIT	1	4,600
28	DC RPS USING BUCK BOOST	2	40,118
29	DC-DC FLY BACK KIT	2	40,118
30	DESIGN OF 4-20MA RTD KIT	2	17,378
31	MICROPROCESSOR BASED SYSTEM KIT	2	33,208
32	DESIGN OF AC/DC SCR KIT	2	40,106
33	MICROCONTROLLER KIT	2	23,310
34	ORCAD PCB SUITE	1	3,10,960
35	CCS (SYSTEM) P4	9	1,34,559
	TOTAL		13,27,489

MAJOR EQUIPMENT LIST IN COMMUNICATION LAB

SL.NO.	DETAILS OF EQUIPMENT	QTY	RATE/RS
1	SCIENTIFIC CRO 20MHZ	4	30,580
3	PHILIPS 5020 P CRO(20MHZ)	1	15,500
4	PHILIPS OS9100 P	1	64,000
5	PHILIPS 9020 P	1	15,500
6	MICROTEK 30MHZ OSC 5030	2	41,000
7	PHILIP 60MHZ OSC	1	93,366
8	MICROTEK 30MHZ OSC 5030	2	38,000
9	MICROTEK 30MHZ OSC 5030	2	41,000
10	SIGNAL GENERATOR OPT ABA(HP)	2	1,53,920
11	PHILIPS F.G 8002	5	54,500
12	SCIENTECH F.G 3MHZ	3	24,570
13	SYSTEMS F.G 100KHZ	1	2,880
14	PHILIPS 200C	2	28,000
15	F.G HM 5030-4 3MHZ	4	35,720
16	PHILIPS 200C	1	13,900
17	SIGNAL GENERATOR	2	1,48,608
18	VARIABLE REGULATED POWER SUPPLY (0-30)V	5	36,450
19	DUAL (SYSTEMS) (0-30)V	4	27,216
20	DC RPS MONO (0-30)V	3	11,380
21	APLAB RPS (0-30)V	1	9,550
22	TESTRONICS 92B(SINGLE) RPS	2	6,480
23	TESTRONICS 92B(SINGLE) RPS	4	23,520
24	FIXED POWER SUPPLY (±15V)	4	8,400
25	FIXED POWER SUPPLY (±12V)	1	1,950
26	FIXED POWER SUPPLY (±5V)	1	950
27	LCR Q METER	1	12,900
28	RANDOM NOISE SOURCE	1	11,930
29	INSTRUMENTATION TUTOR	4	56,100
30	OPTICAL FIBER KITS	7	2,89,062
31	SCIENTECH/ COMMUNICATION TRAINER KITS	9	2,64,050
	TOTAL		15,60,982

MAJOR EQUIPMENTS IN MICROWAVE LAB

SI.NO	DETAILS OF EQUIPMENT	QTY	RATE/RS
1	KLYSTRON POWER SUPPLY SKPS (610)	4	69,428
2	KLYSTRON POWER SUPPLY SKPS (610)	2	29,300
3	KLYSTRON POWER SUPPLY SKPS (610)	1	16,360
4	KLYSTRON MOUNT/TUBE	9	37,338
5	KLYSTRON MOUNT/TUBE	1	1,975
6	KLYSTRON MOUNT/TUBE	1	39,535
7	ISOLATOR XT 621	11	70,681
8	VARIABLE ATTENUATOR	8	23,621
9	FIXED ATTENUATOR	2	6,326
10	VARIABLE ATTENUATOR	3	10,485
11	VARIABLE ATTENUATOR	1	10,115
12	FREQUENCY METER	7	32,174
13	FREQUENCY METER (XF710)	3	21,660
14	FREQUENCY METER	1	12,025
15	SLOTTED SECTION	8	45,423
16	SLOTTED SECTION	1	14,000
17	VSWR METER	8	80,476
18	VSWR METER	1	11,835
19	MOVABLE SHORT	2	3,300
20	MOVABLE SHORT	4	6,600
21	MOVABLE SHORT	1	6,290
22	MATCHED TERMINATION	7	18,021
23	MATCHED TERMINATION	4	6,300
24	MATCHED TERMINATION	1	1,250
25	MATCHED TERMINATION J-BAND	1	11,740
26	TEE	7	10,569
27	BEND	3	3,510
28	S.S.TUNER	2	4,048
29	S.S.TUNER	4	15,485
30	CIRCULATOR	5	15,963
31	HORN ANTENNA	2	3,686
32	PARABOLIC ANTENNA	2	9,438
33	GUNN POWER SUPPLY	4	28,018
34	GUNN OSCILLATOR	4	37,601
35	GUNN OSCILLATOR	1	7,760
36	PIN MODULATOR	4	17,518
37	PIN MODULATOR	1	4,000
38	DIRECTIONAL COUPLER	11	34,087
39	DETECTOR MOUNT	10	35519
40	DETECTOR MOUNT	1	11,570
41	MICROWAVE TEST BENCH J BAND	2	2,39,700
42	MICROWAVE POWER METER	1	2,15,500
	TOTAL		8,13,460

MAJOR EQUIPMENTS IN MICROPROCESSOR LAB

SI.NO	DETAILS OF EQUIPMENT	QTY	RATE/RS
1.	PHILIPS 20 MHZ DUAL TRACE CRO	1	15500
2.	SCIENTIFIC 20 MHZ DUAL TRACE CRO	1	17280
3.	MICROTEK 30 MHZ OSC 5030 DUAL TRACE	2	41000
4.	MICROTEK MAKE OSCILLOSCOPE MODEL OSC 5030	1	19500
5.	SM410-30 MHZ OSCILLOSCOPE	2	29250
6.	MPS-85 MICROPROCESSOR TRAINER KIT	5	22250
7.	MICRO-85ET MICROPROCESSOR KIT	10	56080
8.	MICRO-85EB MICROPROCESSOR KIT	4	22140
9.	MICRO-85AD MICROPROCESSOR KIT	6	39879
10.	ESA 85 EPROM PROGRAMMING	1	9750
11.	MICRO-85 EB 8085 MICROPROCESSOR TRAINER KIT	10	40000
12.	ESA 86 MICROPROCESSOR KIT	2	19900
13.	MICRO 86/88 EB MICROPROCESSOR KIT	5	26775
14.	MICRO 8086 MICROPROCESSOR KIT	15	89775
15.	ESA –UV ERASER	1	2150
16.	SERVO STABILIZER 5KVA	1	9180
17.	SERVO STABILIZER THREE STAR -5KVA	1	44500
18.	INTERFACING CHORDS	26	17396
19.	INTERFACING CHORDS	48	35812.5
20.	INTERFACING CHORDS	4	14058
21.	INTERFACING CHORDS	22	137708
22.	INTERFACING CHORDS	3	12060
23.	INTERFACING CHORDS	6	11802
24.	VXT BUS EXTENDER	7	4504
25.	MICROCONTROLLER 8051 KIT	2	9621
26.	MICROCONTROLLER 8051 (LCD) VERSION	5	30,000
27.	MICROCONTROLLER 8051 KIT	5	40,115
28.	MICROCONTROLLER 8051 KIT	3	25,500
29.	SCIENTECH FUNCTION GENERATOR -3 MHZ	4	37148
30.	SCIENTECH FUNCTION GENERATOR -3 MHZ	5	34,125
31.	MICRO-97 8097 MICROPROCESSOR TRAINER KIT	2	28,674
32.	VARIABLE POWER SUPPLY	8	62,400
TOTAL			10,05,833

INTEGRATED CIRCUITS LAB

SL.NO	DETAILS OF EQUIPMENT	QUANTITY	RATE/RS
1	SCIENTIFIC CRO 20MHZ	2	30580
2	SCIENTIFIC CRO 20MHZ	2	35190
3	PHILIPS 5020 P CRO	2	31000
4	PHILIPS OS9100 P	1	64000
5	PHILIPS 9020P	3	46500
6	MICROTEK 30MHZ OSC	1	19000
7	MICROTEK 30MHZ OSC	3	60500
8	SM 410 30 MHZ OSC	2	29250
9	SCIENTECH 30 MHZ	2	18700
10	F.G SCIENTIFIC HM 5030 3 MHZ	2	17860
11	HM 5030-4 3MHZ	5	34125
12	CADDO 10MHZ	2	17500
13	SINGLE POWER SUPPLY(0-30)V	5	17340
14	SINGLE POWER SUPPLY(0-30)V	8	25496
15	DUAL POWER SUPPLY (0-30)V	3	13350
16	TESTRONICS 93 B DUAL (0-30)V	2	11760
17	TRAINER KIT SYSTEMS	9	40500
18	SYSTEMS (DIGITAL TRAINER KIT)	5	21150
19	SYSTEMS (DIGITAL TRAINER KIT)	8	36000
20	FIXED POWER SUPPLY ± 5V	2	1900
21	FIXED POWER SUPPLY ± 5V	5	9000
22	FIXED POWER SUPPLY ± 12V	4	7800
23	FIXED POWER SUPPLY ± 15V	6	12600
24	FIXED POWER SUPPLY ± 15V	5	11400
25	IC TESTER	1	15950
26	IC TESTER	1	23000
27	DECADE INDUCTANCE BOX	2	3490
28	DECADE INDUCTANCE BOX	2	3888
29	DECADE INDUCTANCE BOX	5	11340
30	DECADE CAPACITANCE BOX	2	4660
31	DECADE CAPACITANCE BOX	2	6048
32	DECADE CAPACITANCE BOX	5	10395
33	DECADE RESISTANCE BOX	5	6125
34	DECADE RESISTANCE BOX	2	3456
35	DECADE RESISTANCE BOX	5	8660
36	HUNG CHANG MULTIMETER	5	12250
37	MASTECH MULTIMETER	3	4800
38	MASTECH MULTIMETER	3	900
39	DIGITAL MULTIMETER	6	6600
40	DIGITAL CADDO MULTIMETER	2	2200
41	PULSE GENERATOR	3	9165
42	AMMETER 1/5 MA	2	916

43	AMMETER (0-1),(0-10),(0-30),(0-100)	30	10290
44	AMMETER (0-10) MA	5	1925
45	AMMETER 5/10 MA	1	458
46	AMMETER (0-100)MA	3	1155
47	VOLTMETER (0-100)MV	4	1540
48	VOLTMETER (0-1),(0-10),(0-30),(0-100)V	30	10290
49	VOLTMETER (0-10)V	4	1540
50	VOLTMETER (0-30)V	6	2310
51	VOLTMETER (0-100)V	1	385
52	FREQUENCY COUNTER	2	27000
53	METRAVI-DIGITAL MULTIMETER	2	1600
		TOTAL	804837

ADVANCED ELECTRONICS LAB

SI.NO	DETAILS OF EQUIPMENT	QTY	RATE/RS
1	ANALOG DIGITAL ELECTRONIC CD'S	10	RS.9,500
2	PORTABLE TEACHING WIRELESS AMPLIFIER	1	-
3	SCIENTIFIC FUNCTION GENERATOR	2	RS.18,574
4	CRO	2	RS.36,504
5	CD WRITER BLACK	1	RS.1400
6	LT OPTICAL MOUSE	5	RS.2000
7	HP SCANNER 2400C	1	RS.3,800
8	WIPROLQ 5235 PRINTER	1	RS.16,900
9	MICROTEC SCANNER	1	RS.28,100
10	EXTERNAL DVD WRITER USB	1	RS.3076
11	CORDLESS COLLAR MIC	2	RS.3100
12	DIGITAL SIGNAL PROCESSING KITS	8	RS.83,256
13	DIGITAL SIGNAL PROCESSING KITS	2	RS.35,663
14	HP LASER JET PRINTER	3	RS.23,059
15	DISPLAY BOARDS	1	RS.9998
16	SOFTWARES	2 SET	RS.2,88,750
17	PSPICE: TINA PRO EDUCATIONAL S/W	1 SET	RS.63,562
18	NETWORK LAB SYSTEMS	5 SETS	RS.4,02,316
19	NETSIM ACADEMIC S/W	1	RS.1,28,947
20	VLSI KIT	15	RS.1,57,500
21	M.E LAB EQUIPMENTS	10	RS.1,66,442
22	WIRELESS DATA MODEM TRAINER	3	RS.42,913
23	TRAFFIC LIGHT CONTROL SYSTEM	3	RS.2,415
24	M.E LAB EQUIPMENTS	8	RS.30,348
TOTAL			RS.15,48,623

LABORATORY:

For each Laboratory

S. Name	Name of the Laboratory / Workshop	Carpet Area available (Sq. M.)
WORK SHOP	DEPT : MECHANICAL BASIC WORK SHOP MECH.	 540
	TOTAL	540
LAB	DEPT : MECHANICAL DYNAMICS LAB METROLOGY LAB FLUID MECHANICS LAB STRENGTH OF MATERIALS LAB THERMAL LAB – I THERMAL LAB – II CAM LAB CAD LAB MANUFACTURING TECHNOL0GY LAB TOTAL	 90 90 270 240 270 270 18 240 780 2268
LAB	DEPT : CSE OPERATING SYSTEM LAB RDBMS LAB SYSTEM PROGRAMMING LAB FIRST YEAR LAB SERVER ROOM UPS	 250 250 250 250 75 75
	TOTAL	1150
LAB	DEPT : ECE ELECTRONIC LAB LINEAR INTEGRATED CIRCUITS LAB ADVANCED ELECTRONIC LAB MICROWAVE AND COMMUNICATION LAB MICROPROCESSOR LAB	 98.4 95.6 84.3 126.5 92.8
	TOTAL	497.6
LAB	DEPT : E & I MEASUREMENT & INSTRUMENTATION LAB ELECTRONIC LAB COMPUTER CONTROL LAB	 83.6 83.6 167.2
	TOTAL	334.4

LAB	DEPT : EEE ENGINEERING PRACTICE LAB (Electrical Engg. & Electronic Engg.) ELECTRICAL CIRCUITS LAB ELECTRICAL MACHINES LAB I CONTROL SYSTEM LAB POWER ELECTRONICS LAB MEASUREMENT AND INSTRUMENTATION LAB IC & MICROPROCESSOR LAB POWER SYSTEM SIMULATION LAB ELECTRONIC DEVICES AND CIRCUITS LAB ELECTRONIC DEVICES AND CIRCUITS LAB ELECTRICAL MACHINES LAB II	90 180 225 180 180 180 90 90 180 180 225
	TOTAL	1620
LAB	DEPT : BASIC SCIENCE CHEMISTRY LAB PHYSICS LAB	243 243
	TOTAL	486
LAB	DEPT : IT COMPUTER LAB I COMPUTER LAB 2 COMPUTER LAB 3 COMPUTER LAB 4 SERVER ROOM UPS ROOM	250 250 250 250 75 75
	TOTAL	1150
LAB	DEPT : CIVIL Material Testing Lab and Strength of Materials LabFluid Mechanics Lab	240 270
	TOTAL	510

COMPUTING FACILITIES:

S.No	Particulars	Requirements as per Norms (1:4 for Engg., 1:6 for Pharmacy/ HMCT/Arch./ Applied Arts and 1:2 for MBA/MCA)	Availability
1.	No of Computer terminals	1:4	1175
2.	Hardware Specification: 1. Systems : 1038 Nos. 2. IBM Servers: 12 Nos.		
	Configuration:		

	Sl No.	Model Quantity	Processor Type	Processor Speed (GHz)	RAM (MB)	HDD (GB)	Quantity
	i	CCS	P-IV	3.0	256	80	60
	Ii	CCS	P-IV	3.2	256	80	90
	iii	Wipro	Intel	2.66	512	80	60
	iv	CCS	D945GNTL	-	512	80	60
	v	CCS	Dual Core	3.4	D946	80	105
	vi	CCS	Core 2 Duo	1.86	965	160	60
	vii	HCL-LX Infiniti PRO	-	3.0	512	160	60
	viii	Wipro	PD	3.0	512	80	60
	ix	CCS	Pentium	1.8	512	80	130
	x	CCS	Core 2 Duo	2.2	1000	160	2
	xi	HP Pavilion	Core 2 Duo	2.4	2000	500	1
	xii	CCS	Core 2 Duo	2.66	2000	160	5
	xiii	CCS	Core 2 Duo	2.66	2000	160	190
	xiv	IBM Server	Intel Quad Core	2.33	2000	160	12

3.	No of terminals of LAN/WAN		1000
4.	List of Software Available	1. Oracle 10G-Microsoft Campus Guaranteed 2. Visual Sutdio 2005 and 2007 3. Dot Net 4. SQL 2005 and 2007 5. Windows 2003 Server 6. Windows XP 7. Adope Photoshop 8. Flash 9. Dream viewer 10. EL-CL	11. Office 2003 & 2007 12. MATLAB 13. PRO-E 14. AutoCAD 15. LABVIEW 16. PSPICE 17. TINAPRO 18. MiPower 19. ETAP 20. PSCAD
5.	Peripheral(s)/ Printers		80 (Dot-Matrix 50, Laser – 20, Scanner – 6 Nos., Ink jet – 2, All in one – 2 Nos.)
6.	Internet Accessibility (in kbps & hrs)		8 Mbps (24 Hrs) Internet 1:1 – Leased Line through OFC using ring topology.

WORKSHOP:

- List of facilities available.

- Games and Sports Facilities

State of the art indoor stadium with all the required facilities

- Extra Curriculum Activities

NCC & NSS activities are carried out

- Soft Skill Development Facilities

Language Lab is available

Particulars	Number of rooms		Carpet area of each room		
	Requirement as per norms	Available in the institution	Requirement as per norms (Sq.M)	Available in the Institution (Sq.M)	
Class Rooms	3	80	66	7720	7720
Tutorial Hall	2	41	36		
Drawing Hall	175	02	175	780	780
Computer Centre	150	08	150	5594	5594
Library	400	06	400	1872	1872
Laboratories & workshops	1775	10	1775	4800	4800
Administrative Area					2602
Hostels					11822
Staff Quarters					2700
Amenities					11730
Circulation and Others					10380
New Building under construction.					3600
Others					13817
Total			New Building Under Construction		73817 + 3600

AAD ARCHITECTS

Certificate 10.9.2009

This is to certify that Velammal Engineering College, Velammal Nagar, Surapet, Chennai 600 066, run by Velammal Educational Trust, is the owner of the buildings mentioned above

The total value of buildings in Velammal Engineering College run by Velammal Educational Trust is given below:

Value of Buildings.

Name of the Institute	Name of the Building	Covered Area in Sq. Mts	Cost (Rs. In lacs)*
Velammal Engineering College	Er. Visveswariah Block	7993	5,99.48
	Dr. Abdul Kalam Block	2417	1,81.28
	Dr. Homi Bhaba Block	2788	2,09.10
	T.V.Sundaram Iyengar Block	2788	2,09.10
	Kirloskar Block	725	54.38
	Bill Gates Block	7714	5,78.55
	Nethaji Block	56	4.20
	Vikram Sarabhai Block	2602	1,95.15
	Sarojini BLOCK (Girls Hostel)	930	69.75
	Dr. Muthulakhsmi Reddy Block (Gents Hostel)	2788	2,09.10
	Sethupathil Block (Gents Hostel)	3718	2,78.85
	Justice Muthuswamy Block (Gents Hostel)	2788	2,09.10
	Peter. F. Drucker Block	1219	1,04.94
	Annapoorani Block (Canteen)	2380	1,84.28
	Wilma Rudolph Indoor Stadium	2788	2,09.10
	New Dining Hall	2074	1,78.53
	Dr.Sivandhi Athithanar Athletics Stadium	1620	1,39.45
	New Lab & Auditorium block – Phase I	7368	5,57.86
	Rattan Tata block	5130	3,90.63
	Staff Quarters	2700	2,02.50
	Ladies Hostel	8105	6,97.68
	Generator room , Security tower and Pearl Printers Civil engineering Block (under construction)	3126	2,34.45
	Total	**73817**	**56,97.46**

- Calculated using the formula area (m^2) *Rs 7,500 / m^2

T. Saravanan
Director & Chief Architect, Arkie Atelier Design India [P] Limited

T. SARAVANAN, B.Arch.,
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AAD
ARCHITECTS

10.09.2009

CERTIFICATE

This is to certify that Velammal Engineering College , Velammal Nagar, Surapet, Chennai 600 066, run by Velammal Educational Trust, is the owner of the following buildings and facilities.

INFRASTRUCTURAL FACILITIES

Buildings

1. Administrative Building: Vikram Sarabai Block: Total Area 2602 sq. m

2. Academic Buildings including Library: Total area of buildings 26,042 sq. m

Name of the Building	Covered Area in Sq. mts
Er. Visveswariah Block	7993
Dr. Abdul Kalam Block	2417
T.V.Sundaram Iyengar Block	2788
Bill Gates Block (Library location)	7714
Rattan Tata block	5130
Total	**26042**

3. Teacher's Residences:

Particulars	Area in Sq. m
Staff Quarters	**2700.00**

Guest Rooms: Guest rooms are available to accommodate 12 persons.

4. Infrastructural facilities: Total area 13,669 sq. m.

Laboratories,	Available
Auditorium	Available
Music Room	Available
Room for performing arts	Available

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Licensed Surveyor
Council Reg. No. CA/91/14340
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AAD
ARCHITECTS

10.09.09

CERTIFICATE

This is to certify that Velammal Engineering College, Velammal Nagar, Surapet, Chennai 600 066, run by Velammal Educational Trust, is the owner of the following facilities available in its college premises

All weather approach road	**Sports facilities including:**
Potable water supply	**Indoor Stadium**
Electrical Generator – 750 kVA	**16 stations Multi Gymnasium**
Students Canteen	**10 Table Tennis Boards**
Students Common room	**3 Volleyball Courts**
Medical facilities	**2 Tennis Courts**
Transport facility for day scholars.	**2 Ball Badminton Courts**
Reprographic facilities.	**A concrete Basket Ball Court**
Rain water harvesting	**2 Football Fields**
	400 m Athletic Track
	2 Kabaddi Courts
	Kapil Dev Cricket Ground

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Director & Chief Architect
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AAD
ARCHITECTS

10.09.09

Particulars	Area in Sq. m
Kirloskar Block (laboratory)	725
New Lab & Auditorium block – Phase I	7368
Wilma Rudolph Indoor Stadium	2788
Dr. Homi Bhaba Block	2788
Total	**13669**

Other laboratories are located in the academic buildings mentioned above

Other area including hostels, canteen, mess generator room, printing room , etc. **20,699 sq. m**

Total area (2,602 + 26,042+ 2,700 + 13,669 + 28,804) **= 73817 sq. m**

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...2

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- Central Examination Facility, Number of rooms and capacity of each.
  No. of Rooms : 24 Size : 110 Sq.m

- Curricula and syllabi for each of the programmes as approved by the University.
  As per Anna University Syllabus

- Academic Calendar of the University
  Enclosed

- Academic Time Table
- Teaching Load of each Faculty
  2 Theory & 1 Lab

- Internal Continuous Evaluation System and place - Yes

- Students' assessment of Faculty, System in place. - Yes

-

For each Post Graduate programme give the following:

i. Title of the programme : MCA
ii. Curricula and Syllabi
iii. Faculty Profile

Sl.No.	Name	Qualification	Designation
1	DR.M. Ramakrishnan	M.E., Ph.D.	Professor Head
2.	MR.V.JEYABALARAJA	M.C.A., M.Phil (Ph.D.)	Professor
3.	MS.G.MALATHI	M.C.A, M.Phil. (Ph.D.)	Sr.Lecturer
4.	MS.R.MARUTHI	M.C.A, M.Phil. (Ph.D.)	Sr.Lecturer
5.	MR.R. BOOPATHY	M.Sc., M.Phil (Ph.D.)	Sr.Lecturer
6.	Ms.V.S.ABBIRAMY	M.Sc., M.Phil (Ph.D.)	Sr.Lecturer
7.	MR.R.SENTHILKUMAR	M.C.A., M.Phil, PGDHRM	Lecturer
8	Ms.A. PUNITHA	M.Sc., M.Phil (Ph.D.)	Sr. Lecturer
9.	MS.A.K.RESHMI	M.C.A. M.E.	Sr. Lecturer
10.	Ms.S. AUGUSTINA MARY	M.C.A., M.Phil	Lecturer
11.	Mr. P. DEIVENDRAN	M.C.A., M.Phil.(M.Tech).	Lecturer
12.	Mr. M. PARTHIBAN	M.C.A. (M.Phil).	Lecturer
13.	Mr. B. MURALIDHARAN	M.C.A., (M.Phil).	Lecturer

Title of the programme : M.B.A
Curricula and Syllabi

Faculty Profile

Sl.No.	Name	Qualification	Designation
1.	Mr. A. Kaliaperumal	M.Tech – Management Systems	Prof & HOD
2.	Mrs.Revathi Pandian	M.Com. M.B.A.	Asst.Prof.
3.	Mrs.D.Maria Angelin Jayanthi	B.Com, M.B.A.	Asst.Prof.
4.	MRS.R.S.LEKSHMI	M.B.A., M.Phil	Sr. Lecturer
5.	Mrs. Santhi	B.Sc.,M.B.A.	Sr. Lecturer
6.	MRS.JOSEPH MARY RAHILA	B.Sc., M.B.A.	Lecturer
7.	MR.A.NIRMAL RAJ	B.Com.,M.B.A., M.Phil	Sr.Lecturer
8.	Mrs. K. Rajamani	B.B.A., M.B.A., M.Phil, PGDPM &LL	Lecturer
9.	Dr. P. Udhayanan	B.A.(Psy), M.B.A.,M.Phil., Ph.D.	Lecturer

Title of the programme : M.E (Computer Science)
Curricula and Syllabi

Faculty Profile

Sl.No.	Name	Qualification	Designation
1	Mr.N. Sankarram	M.E. (CSE)	Professor
2	Mr.T.K.S. Rathish Babu	M.E. (CSE)	Sr.Lecturer
3	Mrs.T.Subashini	M.E (CSE)	Lecturer

Title of the programme : M.E (Power Systems Engineering)
Curricula and Syllabi
Faculty Profile

Sl.No.	Name	Qualification	Designation
1	Dr.P.Chidambaram	B.E., M.Sc.(Engg.),Ph.D	Professor
2	Mr.M.Jagdeesh Kumar	M.E. (PED) (PS)	Asst.Professor
3	Mr. C. Subramani	M.E. (Power System Engineering)	Sr. Lecturer

Title of the programme : M.E (Internal Combustion Engineering)
Curricula and Syllabi
Faculty Profile

Sl.No.	Name	Qualification	Designation
1	Mr.P.Tamil Selvan	M.E (Ph.D) (ICE)	Asst. Professor
2	Mr. P. Kumaresan	M.E. (Thermal)	Asst. Profesor

3	G.Kalivardhan	M.E. (Thermal)	Asst. Professor

Title of the programme : M.E (Applied Electronics Engineering)
Curricula and Syllabi

Faculty Profile

Title of the programme :

Sl.No.	Name	Qualification	Designation
1	Prof.K. Thyagarajan	M.TECH	Professor
2	Mrs. M. Suchetha	M.E. (Signal Processing)	Asst. Professor
3	Mr. J. Jeya Caleb	M.E.	Sr. Lecturer

M.TECH (INFORMATION TECHNOLOGY).
Curricula and Syllabi
Faculty Profile

Title of the programme :

Sl.No.	Name	Qualification	Designation
1	Mr. N. Durai Pandian	M.E. (CSE) (Ph.D.)	Professor
2	Mrs. R. Ramya	B.E.(CSE) M.Tech (IT)	Asst.Prof.
3	Mr.Jeeva Kathiravan	B.Tech M.Tech	Lecturer

M.E. - MOBILE & PERVASING COMPUTING
Curricula and Syllabi

Faculty Profile

Title of the programme :

Sl.No.	Name	Qualification	Designation
1	Mrs.R. Venkatalakshmi	M.E. (Ph.D).	Professor
2	Mr. Ranjith Balakrishnan	M.E.	Asst.Prof.
3	Ms. S. Manjula	M.E.	Lecturer

M.E. – EMBEDDED SYSTEM TECHNOLOGIES
Curricula and Syllabi

Faculty Profile

Sl.No.	Name	Qualification	Designation
1	Dr. A. Balaji Ganesh	M.S., Ph.D.	Professor
2	Mr. S. Vijayakumar	M.E.	Lecturer
3	Mr. R. Ganesan	M.E.	Lecturer

- Laboratory facilities exclusive to the PG programme

Special Purpose

- Software, all design tools in case - Enclosed
- Academic Calendar and frame work - Enclosed
- Research focus
  List of typical research projects. _ Enclosed
- Industry Linkage
- Publications (if any) out of research in last three years out of masters projects
- Placement status - Enclosed
- Admission procedure - Enclosed
- Fee Structure - Enclosed
- Hostel Facilities - Enclosed
- Contact address of co-ordinator of the PG programme

Name: Dr.N. Duraipandian-Vice-Principal (Principal i/c)
Address: Velammal Engineering College
Ambattur-Redhills Road, Surapet, Chennai – 600 066
Telephone: 044-26591842/26591860/26591870
E-mail: Velammal@velammal.org

Laboratory Area Details:

Dept.: ECE

Sl.No.	Lab	Area (Sq.m.)
1	Electronics Lab	1672
2	Advanced Electronics Lab	1350
3	Microprocessor Lab	1344
4	Microwave & Communication Lab	1344
5	Integrated Circuits Lab	1890
6	Store Room	1000
7	Class Rooms 8 Nos.	8800
8	Staff Room	2000
9	Department Library	450

Dept.: EIE

1	Process Control Lab	167.22 sq.m.
2	Measurements & Instrumentation Lab	167.22 sq.m.
3	Electronic Devices & Circuits Lab	167.22 sq.m.
4	Class Rooms 8 x 120 m	960 sq.m.

Dept.: IT

1	Class Rooms	8
2	Tutorial Hall	8
3	Drawing Hall	2
4	Computer Centre	3
5	Library	1
6	Laboratories & Workshops	4

	Total	26

Dept. : B.E. - Civil

Sl. No.	Name of the Laboratory	Area (sq.m.)
1.	Strength of Materials Lab	250
2.	Hydraulic Engineering Lab	270
3.	Cad Lab	250
4.	Survey Lab	150
5.	Soil Engineering Lab	250
6.	Environmental Engineering Lab	150

Dept.: B.E. – EEE (UG)
M.E. – PSE (PG)

Sl.	Name of the	Area

No.	Laboratory/Workshop	(sq.ft.)
B.E. - EEE		
1.	Electrical Machines Lab	3200
2.	Electrical Machines Lab (Common)	3200
3.	Power System Simulation Lab	1200
4.	Control System Lab	1600
5.	Microprocessor Lab	2400
6.	Engineering Practices Lab (Electrical Engg. & Electronic Engg.)	3200
7.	Electric Circuits Lab	2400
8.	Power Electronics Lab	2400
9.	Measurements and Instrumentation Lab	1600
M.E.-PSE		
1	Power System Simulation Lab	1200

Major Equipments in Electrical Machines Lab-I

S.NO	NAME OF THE EQUIPMENT/MAKE	YEAR OF PURCHASE	COST{Rs}	NO.OF EQUIPMENT AVAILABLE
1	D.C Shunt Motor/BENN	1996	24,300/-	01
2	D.C Compound Motor BENN	1996	24,300/-	01
3	D.C Series Motor/BENN.	1996	25,200/-	01
4	D.C Shunt Motor # D.C Shunt Generator / BENN.	1996	42,300/-	01
5	D.C Compound Motor # D.C Compound Generator BENN.	1996	42,300/-	01
6	D.C Shunt Motor # D.C Series Generator/ KIRLOSKAR	1996	76,500/-	01
7	D.C Shunt Motor # 3- Phase Alternator /BENN.	1996	42,300/-	01
8	3-Phase Sq.Cage Induction Motor / Cromptan Greaves	1997	15,700/-	01
9	3-phase Synchronous Motor / BENN.	1997	28,650/-	01
10	D.C Shunt Motor/ KIRLOSKAR	1998	40,300/-	01
11	D.C Compound Motor/ KIRLOSKAR	1998	40,600/-	01
12	D.C Series Motor / KIRLOSKAR	1998	40,400/-	01
13	D.C Shunt Motor # D.C Shunt Generator / KIRLOSKAR	1998	1,02,000/-	01

14	D.C Compound Motor # D.C Compound Generator / KIRLOSKAR	1998	1,02,000/-	01
15	Universal Motor AC/DC/Vitsa Instrument Engg.	2000	7,700/-	01
16	AC Series Motor/Vitsa Instrument Engg.	2000	7,700/-	01
17	AC Repulsion Motor/Vitsa Instrument Engg.	2000	7,950/-	01
18	Single Phase Transformer 2 KVA/ Asian Engg.	1996	12,600/-	04
19	Single Phase Transformer 2 KVA/ Asian Engg.	1997	13,680/-	04
20	Single Phase Auto Transformer / Asian Engg	1996	12,910/-	05
21	Single Phase Auto Transformer/ Vitsa Instrument Engg.	2000	7,150/-	03
22	Three Phase Auto Transformer/ J.K. Engg .	2000	14,800/-	02
23	Rheostats/ Asian Engg	1996	47,213/-	30
24	Rheostats/ Asian Engg	1997	37,500/-	05
25	1- Phase Resistive load / Asian Engg	1996	23,200/-	04
26	Tachometer Analog/Prestige	1996	27,900/-	06
27	Tacho-generator with Analog indicator/ Associate Engg	1996	19,050/-	06
28	Digital Tachometer/ Associate Engg	1996	1,625/-	01
29	Ammeter-Moving Coil(All Ranges)/ Automatic Electric Limited.	1996	28,760/-	27
30	Voltmeter-Moving Coil(All Ranges) / Automatic Electric Limited.	1996	16,400/-	16
31	Switches(SPST,DPST&TPST) / Associate Engg	1996	1900/-	08
32	Decade Resistance Box/ Asian Engg	1997	11,700/-	06
33	Decade Inductance Box/ Asian Engg	1997	9,300/-	06
34	Decade Capacitance Box/ Asian Engg	1997	10,800/-	06

Major Equipments in Electrical Machines Lab-II

S.NO	NAME OF THE EQUIPMENT/MAKE	YEAR OF PURCHASE	COST {Rs}	NO.OF EQUIPMENT AVAILABLE

1	D.C Shunt Motor # 3-Phase Alternator/BENN	1996	42,300/-	01
2	D.C Shunt Motor # 3-Phase Induction Generator/ BENN	1997	36,000/-	01
3	3-Phase Sq.Cage Induction Motor / Crompton Greaves	1997	14,000/-	01
4	3-PhaseSlip Ring Induction Motor / BENN	1997	29,000/-	01
5	1-Phase Induction Motor / Crompton Greaves	1997	10,800/-	01
6	D.C Shunt Motor # 3-Phase Alternator/ KIRLOSKAR	1998	1,41,600/-	02
7	D.C Shunt Motor # 3-PhaseAlternator/BENN	1998	54,000/-	01
8	1-Phase Induction Motor / Crompton Greaves	1998	6,500/-	01
9	3-Phase Sq.Cage Induction Motor / Crompton Greaves	1998	13,500/-	01
10	3-PhaseSlip Ring Induction Motor / KIRLOSKAR	1998	41,000/-	01
11	VVVF Inverter Panel With 3-phase induction Motor/ KIRLOSKAR	1998	77,000/-	01
12	D.C Shunt Motor#3Phase Alternator/ KIRLOSKAR	1999	70,080/-	01
13	3kg Stepper motor Kit / Asian Engineering	2000	9,900	01
14	1kg Stepper motor / JK Engineering	2000	648/-	01
15	3 –Phase Synchronous Motor / BENN	2000	24,235/-	01
16	3 –Phase Synchronous Motor Starter / JK Engineering	2000	6,210/-	01
17	Universal Motor I HP / JK Engineering	2000	8,132/-	01
18	3- Phase Transformer 3 kVA Asian Engineering	1996	16,200/-	02
19	3- Phase Transformer 5 kVA / JK Engineering	2000	13,811/-	01
20	1- Phase Transformer 2 kVA / JK Engineering	2000	15,420/-	03
21	1-Phase Auto Transformer / JK Engineering	2000	12,942/-	03
22	3-Phase Auto Transformer /Asian Engineering	1996	46,925/-	04
23	3-Phase Auto Transformer /JK Engineering	2000	31,374/-	02
24	3- Phase Resistive Load / Asian	1996	13,600/-	02

	Engineering			
25	3- Phase Resistive Load / JK Engineering	2000	27,851/-	03
26	1- Phase Resistive Load / JK Engineering	2000	14,696/-	02
27	3- Phase Inductive Load / Asian Engineering	1996	8,100/-	01
28	3- Phase Capacitive Load / Asian Engineering	1996	7,000/-	01
29	3-Phase Water Load /JK Engineering	1997	10,800/-	03
30	3 –phase Synchronous Panel / JK Engineering	2000	9,363/-	01
31	Multimeter Associated Engineering	1996	5,250/-	01
32	Tacho-generator with Analog Indicator / Asian Engg	1996	6,350/-	02
33	Tacho-generator with Digital Indicator / Asian Engg	1996	6,350/-	02
34	Ammeter-Moving Coil (0-1/2) A / Meco	2000	4,624/-	04
35	Ammeter-Moving Coil (0-1/2) A / Meco	2000	2,312/-	02
36	2 –Element Wattmeter 415V/20) A / Asian Engg	1996	28,000/-	04
37	Rectifier (0-270v/100A} / Asian Engg.	1996	85,500/-	01
39	D.C Distribution Panel / JK Engg.	2000	24,235/-	01
40	A.C Distribution Panel / JK Engg.	2000	26,996/-	01

Electrical Machines Lab (Common)

S.NO	NAME OF THE EQUIPMENT/MAKE	YEAR OF PURCHAS E	COST{Rs}	NO.OF EQUIPMENT AVAILABLE
1	DC Shunt Motor/Benn	2008	59,888/-	02
2	DC Series Motor/Benn	2008	75,572/-	02
3	DC Compound Motor/Benn	2008	37,786/-	01
4	AC Repulsion Motor/Ramsons &Sons	2000	07,950/-	01
5	3Φ Squirrel Cage IM ,2.2Kw/KEC	2008	41,490/-	02
6	3Φ Squirrel Cage IM ,3.7Kw/KEC	2008	21,870/-	01

7	3Φ Slip Ring IM/Benn	2008	34,200/-	01
8	1Φ Phase IM/Crompton Greaves	2008	26,820/-	02
9	3Φ Synchronous Motor/Benn	1997-1 & 2008-1	66,270/-	02
10	AC Series Motor/Ramsons &Sons	2000	07,000/-	01
11	AC/DC Universal Motor/Arwa Electronics	2000	07,000/-	01
12	AC Universal Motor/Ramsons &Sons	2000	28,650/-	01
13	3Φ IM & 2.2Kw Inverter Panel/Benn	1998	77,000/-	01
14	DC Shunt Motor # DC Comp. Gen./Benn	2008	66,424/-	01
15	DC Comp. Motor # DC Comp. Gen./Benn	2008	66,424/-	01
16	DC Shunt Motor # DC Shunt Gen./Benn	2008	01,33,180/-	02
17	DC Shunt Motor #3Φ Alternator/Benn	2008	02,71,688/-	04

Major Equipments in Control & Instrumentation Lab

S.NO	EQUIPMENT	QUANTITY	MAKE	YEAR OF PURCHASE	COST (Rs)
1.	Measurement of Iron Loss	01	Vi Micro system, Chennai	06-07	21,074
2	CRO 20MHZ	3	Microtech Instruments, Chennai	97-98	56,550
3	CRO 40MHZ, (Hanger)	1	IQNET SOFTS, Chennai	00-01	86,000
4	Digital storage oscilloscope hameg (150HHZ)	1	K-PAS Instronic Engineers, Chennai	00-01	1,90,800

Major Equipments in Power Electronics Lab

S.N0	Details of Equipment	Name of the Make	Date of Purchase	Quantity	Rate Rs
1	Thyristor trainer kit	Micro Engineers	14.09.1998	01	20900
2	Thyristor Application kit	Micro Engineers	14.09.1998	01	20000
3	Single Phase Cycloconverter	VI Micro System	05.07.1999	01	20173.50

4	SCR three phase AC Regulator/Speed control of DC shunt motor using three phases fully controlled converter.	VI Micro Systems	10.06.2003	01	27320
5	IGBT chopper.	VI Micro Systems	10.06.2003	01	21130
6	IGBT Based PWM inverter(single phase)	VI Micro Systems	10.06.2003	01	21530
7	IGBT based single phase PWM inverter module(Lab Tech)	LAB Tech	21.09.2006	01	21944
8	IGBT based three phase PWM inverter module(Lab Tech)	LAB Tech	21.09.2006	01	37512
9	IGBT based Three phase PWM inverter module	VI Micro Systems	17.05.2006	01	27165
10	Resonant DC-DC converter module with built in power supply and controller.	VI Micro Systems	17.05.2006	02	27271
11	AC Phase control SCR ,TRIAC	VI Micro Systems	17.05.2006	02	15454
12	Commutation Circuit	VI Micro Systems	17.05.2006	02	21817
13	1 KVA Isolation Transformer	VI Micro Systems	17.05.2006	04	22544

Major Equipments in Microprocessor & Microcontroller Lab

S.NO	EQUIPMENT	QUANTITY	MAKE	YEAR OF PURCHASE	COST (Rs)
1.	MICRO PROCESSOR KIT (Micro 8085 EB)	30	VI Micro Systems	13.11.2000	1,46,982/-
2	MICRO CONTROLLER	10	VI Micro Systems	16.08.2006	40,253/-

Dept: Civil

MAJOR EQUIPMENTS DETAILS & COST

Sl. No.	Name of The Lab	Locations	Major Equipments	Amount
1.	Strength of Materials Lab	TVS BLOCK	Universal Testing Machine	Rs.2,52,359/-
			Vickers Hardness Testing Machine	Rs. 92,067/-
			Torsion Testing Machine	Rs. 79,063/-
			Fatigue Testing Machine	Rs. 53,202/-
			Spring Testing Machine	Rs. 53,202/-
			Impact Testing Machine	Rs. 51,891/-

			Brinell Hardness Testing Machine Rockwell Hardness Testing Machine	Rs. 44642
			Compression Testing Machine	Rs. 2,04,840/-
			TOTAL	Rs.8,35,889/-
2.	Hydraulics Engineering Lab.	HOMIBHABA BLOCK	Francis Turbine Rig	Rs.1,02,575/-
			Pelton Wheel Turbine Test Rig	Rs. 94,875/-
			Deep Well Vertical Pump Test Rig	Rs. 64,750/-
			Fibre glass lining	Rs. 63,550/-
			Submersible Pump Test Rig	Rs. 43,725/-
			Centrifugal Pump Variable Speed 5HP	Rs. 41,425/-
			Hydraulic ram test rig apparatus	Rs. 36,350/-
			Orifice and mouthpiece apparatus	Rs. 36,350/-
			V notch apparatus	Rs. 33,600/-
			Venturimeter apparatus	Rs. 30,300/-
			Losses in pipe line apparatus	Rs. 30,250/-
			Centrifugal Pump	Rs. 29,750/-
			Pipe friction apparatus	Rs. 29,100/-
			Orifice meter apparatus	Rs. 28,850/-
			Water meter test apparatus	Rs. 27,850/-
			Gear Oil Pump Test Rig	Rs. 26,925/-
			JET Pump Test Rig	Rs. 24,150/-
			Pitot tube test set up	Rs. 22,750/-
			Reciprocating Pump Test Rig	Rs. 21,500/-
			Bernoulli's theorem apparatus	Rs. 20,650/-
			Impact of jet apparatus, Metacentric Height-ship model, Reynolds apparatus,Stop watch	Rs. 54720/-
			TOTAL	Rs.8,63,995/-
3.	Survey Lab	RATAN TATA BLOCK	Theodolites	Rs.1,36,400/-
			Dumpy Level	Rs. 59,400/-
			Plane Tables with brass accessories	Rs. 25,960/-
			Levelling Staff – 5m	Rs. 22,000/-
			Leveling Staff – 4m	Rs. 17,160/-
			5" Prismatic Compass	Rs. 12,760/-
			Ranging Rod – 25mm dia., 2m Long & 3m Long	Rs. 11,054/-
			Chains – 30m &20m	Rs. 35301
			7" Tilting Level	
			Tapes – 30m &15m	
			Cross Staff with 150mm pole.	
			4" Surveying Compass	
			Pocket Stereoscopes	
			Substense bar	
			TOTAL	Rs.3,20,035/-
4.	Construction Material Lab	TVS BLOCK	❖ Flow Table For Cement Concrete (M)	Rs79500/-
			❖ LYNX Concrete Mixer (M)	Rs.54100/-
			❖ LYNX Vibrating Machine	Rs.26100/-
			❖ LYNX Sieve Shaker Motorised with Adaptor	Rs.25700/-
			❖ Veebee Consistometer	Rs.15700/-
			❖ Aggregate Impact Value Apparatus	Rs.31777/-
			❖ LYNX Vicat Needle Apparatus with Dash pot	
			❖ Blaine's Air Permeability Apparatus	
			❖ Gauging Trowel	

			❖ lynxle Chatelier Mould	
			❖ LYNX Pycnometer	
			❖ Weigh balance 150kg	
			❖ Weigh balance 30kg	
			TOTAL	Rs.2,32,877/-

5	Computer Drafting Lab	Aringar Anna Block	Auto desk civil 3D Land Desktop Autocad 2009	Rs.4,88,800/-
			Auto desk Map 3D Autocad 2009	
			Auto desk Raster Design	
			3D Max Latest Design	
			17" TF.T Samung(743NX) – 40Nos.	Rs.3,42,307/-
			Wipro LQ 5235Printer - 2Nos.	Rs.33,077/-
			Server 7975 PAT – 1No.	Rs.1,10,577/-
			TOTAL	Rs.9,74,761/-
6.	Environmental Engineering Lab	Aringar Anna Block	PH meter	
			Turbidity meter	
			Conductivity meter	Rs.28350/-
			BOD incubator	Rs.85,000/-
			Muffle furnace	Rs.29,350/-
			Hot air oven	Rs.14,800/-
			Magnetic stirrer with hot plates	Rs.42,000/-
			Jar test apparatus	Rs.22,800/-
			COD apparatus	Rs.73,850/-
			Heating mantles	
			Calorimeter	Rs.22025
			Water bath	
			Spectrophotometer	Rs.2,25,200/-
			Total Amount	Rs.5,43,375/-
7.	Soil Engineering Lab	Homi Bhaba Block	Sieve Shaker	Rs.18,750/-
			Sieves Fine Aggregate	Rs.11,210/-
			Digital Thermometer,Soil Hydrometer,Stirrer Hydrometer Jar,Stop Watch,Sodium Hexa Metaphosphate 500 Gms,Sodium Chloride 500 Gms	Rs.20130
			Pyconometer	Rs.14850/-
			Liquid Limit Device	
			Plastic Limit Set	
			Shrinkage Limit Set	
			Proctor Compaction Apparatus (Gun Metal) (With Rammer 2.6 Kgx310mm Drop)	Rs.31300/-
			Core Cutter(With Rammer)	
			Sand Pouring Cylinder, Over Head Tank Made Of Steel For Constant Head Test	
			Permeability Apparatus Constant Head	Rs.23,500/-
			Permeability Apparatus Falling Head	Rs.23,500/-
			Direct Shear Appratus Motorized Is 2720 Part 13 (With Proving Ring (2kn) And Dial Gauge 0.01mm×25 Mm Travel)	Rs.70,000/-
			Consolidation Apparatus (With Dial Gauge 0.002×5 Mm)	Rs.39,000/-
			Relative Density Apparatus	Rs.86,000/-
			Triaxial Shear Appratus (With 1. Load Frame 50 Kn Capacity With 8 Different	Rs.2,22,050/-

			Strain-220v. 2. Triaxial Cell 38mm Dia 76 Mm High. 3. Pore Water Pressure 0- 10 Kg/Cm^2. 4.Lateral Pressure System Oil-Water Type 5. Proving Ring And 6. Dial Gauge.		Lab
			Unconfined Compression Test (Proving Ring Type) Motorized (With Proving Ring (2kn) And Dial Gauge 0.01mm×25 Mm Travel)	Rs.55,150/-	
			Split Mould		
			Hot Air Oven 14"×14"×14" 1.2 Kw	Rs. 27150/-	
			Rapid Speedy Moisture Meter 50% Digital Weighing Balance 3 Kg.		
			TOTAL	Rs.6,42,590/-	

S.No.	Name of the Lab	Configuration	No. of Systems
1	RDBMS LAB	CPU PD 3.00 GHZ 800 2*2 2EM64775P 512 MB DDR2-533 MEMORY SATA2-800GB-300-7200 HDD MOUSE -USB2 BUTTON W-SCROLL OPTICAL ,MULTIMEDIA KBD 104+3 KEYS DESKTOP BLK COLOR PC CRT -15-CLR MONITOR PRINTER EPSON LQ1050 PRINTER EPSON LQ1150 PRINTER EPSON LX300	55 1 2 1
2	CASE TOOLS LAB	PIV 3.0 GHZ 80 GB HDD ,256 MB RAM PRINTER EPSON LQ1050 PRINTER EPSON LQ1150	55 2 2

3	PROGRAMMING LAB	CPU PD 3.00 GHZ 800 2*2 2EM64775P 512 MB DDR2-533 MEMORY SATA2-800GB-300-7200 HDD HCL MOUSE -USB2 BUTTON W-SCROLL OPTICAL ,MULTIMEDIA KBD 104+3 KEYS DESKTOP BLK COLOR PC CRT -15-CLR HCL MONITOR PRINTER EPSON LQ1050 PRINTER EPSON LQ1150 PRINTER EPSON LX300	60 1 2 1
4	COMPUTER CENTRE LAB	15 INCHES TFT MONITOR PD 3.4 GHZ DUAL CORE CPU D946 G27S ORIGINAL BAND 512 MB RAM 80 GB SATA PRINTER EPSON LQ1050 PRINTER EPSON LQ1150	60 2 2

Instructional Area for the existing programme(s)

Particulars	Number of rooms	
	Requirement as per norm	Available in the institution
Class rooms	8	8
Tutorial hall	8	8
Drawing Hall	2	2
Computer center	3	3
Library	1	1
Laboratories & workshops	4	4
Total	26	26