

**I. Name of the Institution** : SDM College of Engineering and Technology.  
Dhavalagiri  
Dharwad-580002.  
Karnataka State.  
Phone: 0836-2464638/2447265/2448327  
Fax : 0836-246438  
Email : principal@sdmcet.ac.in

**II. Name and Address of the Director/Principal** :  
**Name** : Prof. M. N. Sudheendra Rao  
**Designation** : Principal  
**Qualification** : PhD.  
**Experience** : 35.5 Years  
**Address** : Principal's Quarters,  
SDM College of Engineering & technology,  
Dhavalagiri, Kalghatgi Road,  
Dharwad-580002.  
Phone: 0836- 2447465 (0) / 24477464 ( R)  
Fax : 0836-246438  
Email : [principal@sdmcet.ac.in](mailto:principal@sdmcet.ac.in)

**III. Name of the Affiliating University** : Visvesvaraya Technological University,  
"Jnana Sangam",  
Belgaum-590014,  
Karnataka State.  
Phone: 0831-2405468  
Fax : 0831-2405469  
Web : [www.vtu.ac.in](http://www.vtu.ac.in)

## IV. Governance

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### A. Members of the Board and their brief Background

#### SRI DHARMASTHALA MANJUNATHESHWARA COLLEGE OF ENGINEERING AND TECHNOLOGY, DHARWAD – 580 002

##### Name and Address of Members of the Board of Management

Society to whom the Affairs of the Society is entrusted

Sl.	Member's Name and Address	Designation	Brief Background
01	Dr. D. Veerendra Heggade Dharmadhikari, Shrikshetra Dharmasthala 574 216	President	He is the Dharmadhikari of Sriksheeta Dharmasthala, a well known holy place. He is recipient of number of awards and to name a few are 'Padmabhushana' by Govt.of India in 2000 for social work and communal harmony, 'Rajarshi' title from President of India in 1993, 'Rajyotsava Award' from Govt.of Karnataka for social work, Doctorate by Mangalore University for social work, 'FRCPS' by the Royal College of Physicians and Surgeons, Glasgow, UK in 2005. He has contributed lot to Education, Religion, Culture, and Social Welfare. He is the President of SDME Society and has established more than 30 educational Institutions.
02	Sri D. Surendra Kumar 55, Vittal Mallya Road,Bangalore	Vice President	He is engaged in Business, a planter and is Vice President of SDME Society which runs many professional and other Colleges in Karnataka. He is also the director of Karnataka Bank.
03	Prof. S. Prabhakar Secretary,SDM Educational Trust, Ujire	Vice President	He is looking after the affairs of SDME Society at Head Office as Vice President. He is an Academician.
04	Prof. N.Vajra Kumar Secretary, Janatha Shikshana Samithi, Dharwad	Member	He is an excellent academician and has a wide administrative experience. He is also the Secretary for Janata Shikshana Samithi, Dharwad, which runs several Educational Institutions, Dharwad. He is the Vice President of SDME society (Dharwad Section).
05	Sri D. Harshendra Kumar "Dharmasthala Beedu". Dharmasthala	Member	He is looking after administrative affairs of Dharmasthala Temple and is Secretary of SDME society.
06	Dr. B. Yashovarma Principal, SDM College, Ujire-574240	Secretary	He did his Ph.D in Botany from Karnataka University, Dharwad and is an academician. He has assumed the charge of Secretary, SDME Society, Ujire, during the year 2005, which run several professional and other institutions in Karnataka.
07	Sri. Jinendra Prasad Ariga Secretary SDME Society, Dharwad	Secretary	Eminent personality in Banking Sector and served in the Banking administration for a quite number of years. He is looking after the affairs of SDME Society, Dharwad, as Secretary.
08	Prof. Dr. M.N.Sudheendra Rao Principal / Director SDM College Engg. & Tech., Dhavalalgi, Dharwad-2	Member	An academician and administrator. He has served in IIT Chennai for about 25 years, as a Professor, Researcher and an Administrator.

### List of Members on the Governing Council

Sl. No.	Name	Designation	Category *	Occupation
01	Dr. D. Veerendra Heggade	President, SDME Society,	Chairman	President SDME Society
02	Sri D. Surendra Kumar	Vice President, SDME Society	Member	Vice-President SDME Society
03	Prof. S. Prabhakar	Vice President SDME Society, Ujire	Member	Vice President SDME Society, Ujire
04	Dr. B. Yashovarma	Secretary, SDME Society, Ujire	Member	Secretary SDME Society, Ujire
05	Dr. Niranjana Kumar	Medical Director, SDM College of Medical Sciences & Hospital, Dharwad	Member	Nominee of Board of Management
06	Sri Jinendra Prasad	Secretary, SDME Society, Dharwad	Member	Secretary SDME Society Dharwad
07	Director of Technical Education, Bangalore	DTE	Ex-Officio Member	Director
08	Sri S.R. Shetty	Executive Director, M/s Muradeshwar Ceramics, Hubli	Member	Industrialist
09	Prof. B. S. Sree Shailan	Dean (Academic Programs)	Member	Faculty
10	Prof. S. B. Karajgi	Dean (Administration)	Member	Faculty
11	AICTE Nominee		AICTE nominee	
12	Prof. B.S. Sonde	Former Vice Chancellor, Goa University	VTU Nominee	Professor [Emeritus]
13	Dr. D.K. Subramanian	Emeritus Professor, IISc., Bangalore	Member	Professor [Emeritus]
14	Sri Satish Shetty	M/s RNS Motors, Hubli	Nominee of State Govt.	Industrialist
15	Dr. M N Sudheendra Rao	Principal/Director, SDMCET, Dharwad	Member-Secretary	Principal / Director
16	UGC Nominee		UGC Nominee	

**B. Academic Advisory Body (Academic Council)****Year : 2008-09**

Sl. No.	Name		Category
01	Dr. M N Sudheendra Rao	Principal of the College	Chairman
02	Dr. V.S. Hegde, HOD, Civil Engg.	All the Heads of the Department	Member
03	Prof. V K Heblkar, HOD, Mech. Engg		Member
04	Prof. B D Ballullaya, HOD, E&E		Member
05	Dr. (Ms.) Vijaya C., HOD, E&C		Member
06	Prof. (Mrs.) J.C. Karur, HOD, CSE		Member
07	Sri V K Parvati, HOD, ISE		Member
08	Sri S.Y. Adaganti, HOD, Chemical		Member
09	Dr. A A Kittur, HOD, Chemistry		Member
10	Dr. K. I. Maddani, HOD, Physics		
11	Dr. A.R. Desai, HOD- Mathematics		Member
12	Prof. S B Karajgi, Dean (Administration)	Teachers of the College	Member
13	Dr. A V Shivapur, Dean (ISPD)		Member
14	Sri H. Vijay Murthy, Prof.		Member
15	Sri I.T. Shirkol, Asst. Prof.		Member
16	Sri. Pradeep Oak, Oak Systems Pvt. Ltd., #2989/1B, 12 <sup>th</sup> Main, 80 Feet Road, HAL II Stage, Bangalore – 560 008 Phone: +91-80-4126 7681, 25216302 Fax: +91-80-4126 7682 Email: oaksys@oaksys.net; URL: http://www.oaksys.net	Experts from outside the College	Member
17	Dr. N.P. Rajamane Deputy Director, Structural Engg. Research Centre, CSIR, Taramani, Chennai – 600 113 Ph.:044-22541735, 24417882		Member
18	Mr. Yash Karan L, Proprietor, Gurudat Institute Pvt. Ltd., Dharwad. M:9448147106		Member
19	Prof. S C Pilli, Principal, KLE College of Engg. & Tech., Udyambag, Belgaum – 590 008 Phone: 91-831-2440322, Fax: 91-831-2441644		Member
20	Dr. A B Raju, Prof., E&E Dept., BVBCET, Hubli		Member

Sl. No.	Name		Category
21	Sri. Narasimh Koulgud Head, Talent resource group, Wipro Technologies 271, Ganesh Complex Madivala Hosur Road Bangalore - 560 068 Phone: +91 (80) 25539134 - 39 Fax: +91 (80) 25539701, 25539702	Experts from outside the College	Member
22	Dr. Gopal K Kadekodi Former Director for Social & Economic Change (ISEC) Chetana Building, 1 <sup>st</sup> Main, 4 <sup>th</sup> Cross, Sri Nagar, Dharwad-580 003.	Nominees of VTU	Member
23	Dr. M N Narasimha Murthy, CSA, IISC, Bangalore – 560 012		Member
24	Dr. T. Venkatesh Dept. of Mathematics, Karnataka University Kittur Rani Chennamma PG Centre Bhootarayana Math Belgaum		Member
25	Prof. B S Sree Shailan	Dean (Academic Programs)	Member Secretary

### C. Frequency of Board meeting & Academic Body meeting

- Governing Council meeting : 2 per year. 25.08.2008 & 04.03.2009
- Academic Council meeting : 2 per year. 14.05.2008 & 25.04.2009
- Standing Committee meeting : Held on 13.01.2009

#### Proposed Meeting schedule of the year 2009-10 Governing Council meeting

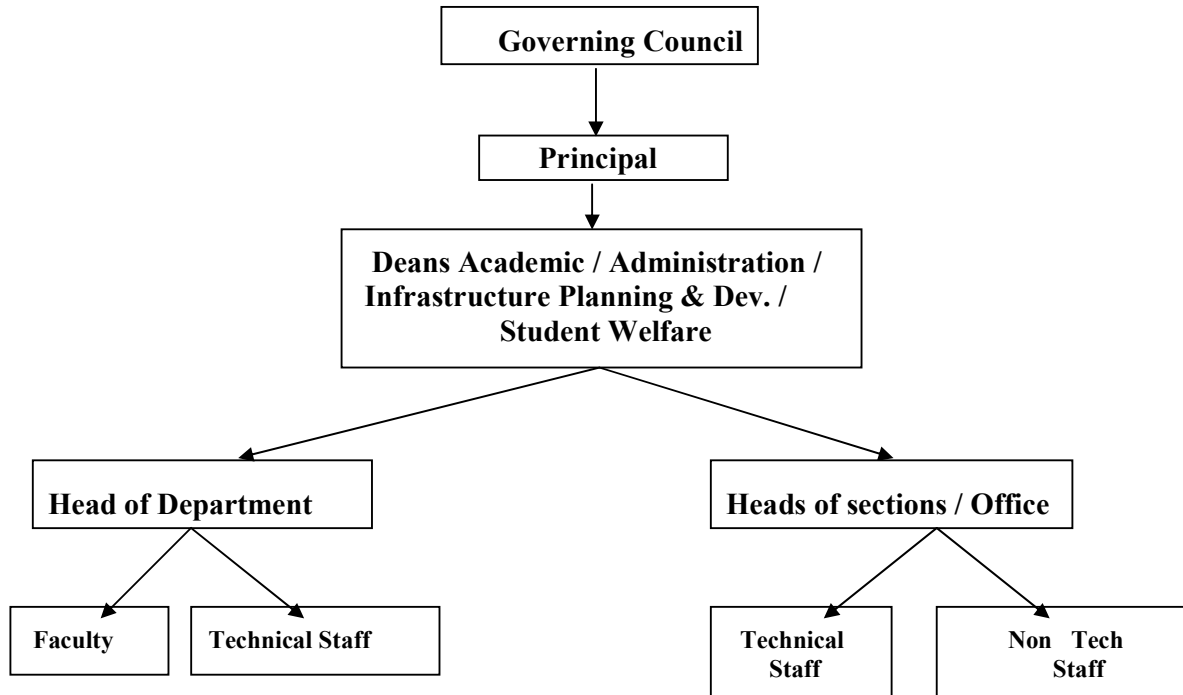
Meeting No.	Date
1	October 2009
2	March 2010

#### Proposed Meeting schedule of the year 2009-10 Academic Council meeting

Meeting No.	Date
1	November 2009
2	April 2010

## D. Organizational Chart

The prime objective the Management is to enable various Departments within the college to grow to their full stature as centers of excellence with the prime focal understanding of “What makes quality better anywhere in an organization makes it better everywhere in that organization”. The management has a critical role in establishing the healthy and competitive academic atmosphere among various its components. To emphasize more on decentralized authority, a requirement of autonomy, the defined management structure is as below.



## **E. Nature and extent involvement of faculty and students in Academic affairs/improvements**

### **a) Faculty:**

Faculty members of the institution are actively involved in various academic activities at different levels as below

- 1) Members of Board of Studies of VTU, Belgaum.
- 2) Members of Board of Examiners at VTU, Belgaum.
- 3) Framing of syllabus for both UG and PG Engineering courses.
- 4) Valuation work at university level.
- 5) Other Academic activities like: Time table preparation, conduct of Internal Assessment tests, Internal assessment of students, Students project evaluation, mentoring of students, arranging guest lectures, workshops, seminars, etc.
- 6) Faculties are involved in Research work and Consultancy programmes

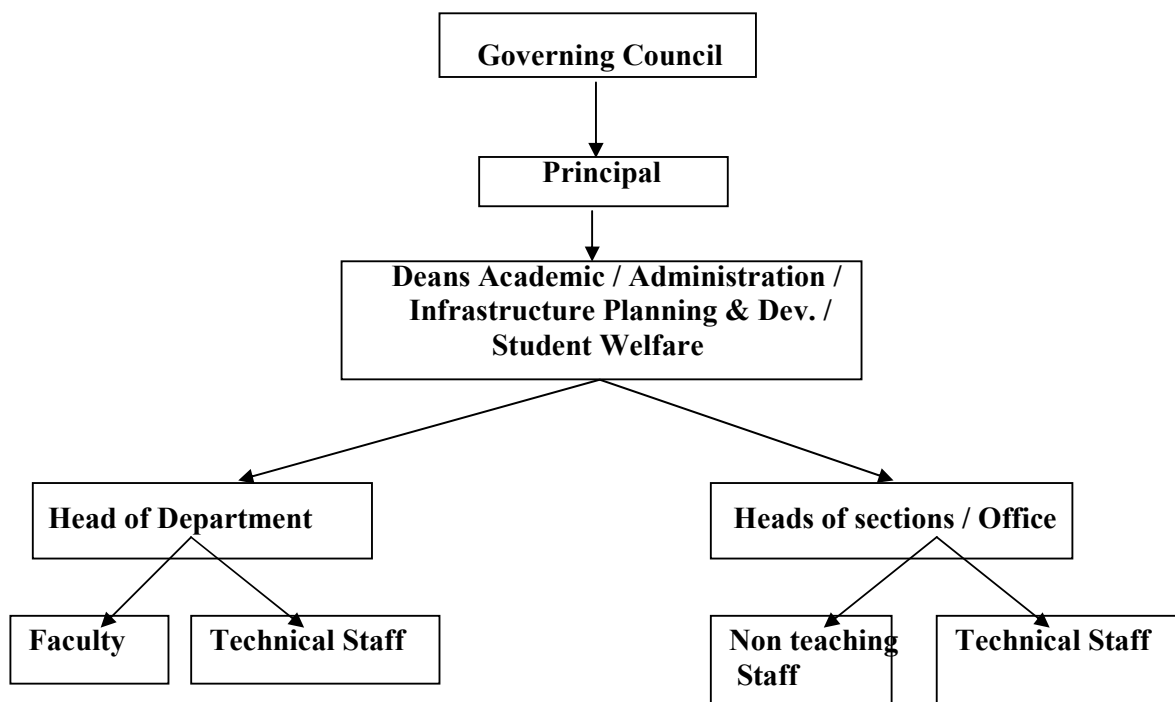
### **b) Students:**

- 1) Every semester, students give their feed back about teaching learning process. Results of this feed back serves as an index to the effectiveness of teaching learning process and help the administrators to take corrective steps.
- 2) Each department has an association, through which many co-curricular activities are organized. Students actively take part in arranging these activities.
- 3) Grievance cell, consisting of student members, to address to the Complaints about various issues is formed.



## F. Mechanism / Norms and Procedure for democratic / Good governance

The prime objective the Management is to enable various Departments within the college to grow to their full stature as center of excellence with the prime focal understanding of “What makes quality better anywhere in an organization makes it better everywhere in that organization”. The management has a critical role in establishing the healthy and competitive academic atmosphere among its various components. To emphasize more on decentralized authority, a requirement of autonomy, the defined management structure is as below.



## G. Student Feedback on Institutional Governance / faculty performance

Student Feedback plays a major role in quality checks of teaching learning process and has a great impact in establishing the brand name of the Institute. So SDMCET has a focused approach and has defined a definite computer-assisted mechanism of getting the students feedback. Every student, fulfilling certain criteria is casting his/her opinions for each teacher who taught the subject, including the laboratory. The analysis of the feedback will be informed to every faculty, which helps them to correct themselves. In few cases, the administrators counsel the teachers appropriately. The current Questionnaires used in Feedback mechanism is as below. However they are subject to the controlled change.

**FORMAT****SDM College of Engineering & Technology, Dharwad.****STUDENTS' FEEDBACK****[Teacher – Course Evaluation]**

Dated: \_\_ / \_\_ / 20\_\_

**Dear Students,**

Your fair and honest opinion about the teaching of a course by the faculty is more valuable in providing better academic ambience and is critically important for the future of the institution. Hence you are requested to provide your frank views/impressions for us. Your time in providing this information will play vital role in redefining the quality education in SDMCET.

**CLASS / SUBJECT DETAILS**

<b>Name of the Faculty</b>	
<b>Subject / Lab Taught</b>	
<b>Semester</b>	
<b>Division</b>	
<b>USN of the student</b>	

<b>SL. No.</b>	<b>Evaluation Criteria</b>	<b>Agree</b>	<b>Partially Agree</b>	<b>Disagree</b>
1	Teacher is regular and punctual in conducting the classes.	2	1	0
2	Teacher delivers well-planned and organized lectures.	2	1	0
3	Teacher effectively teaches in the class with relevance to today's educational demands/ Technology trends.	2	1	0
4	Teacher was successful in covering the syllabus and at satisfactory pace.	2	1	0
5	Teacher encourages the student participation in learning activities.	2	1	0
6	Teacher innovative in teaching.	2	1	0
7	Teacher is successful in making the classes interacting, lively and interesting.	2	1	0
8	Teacher clears the doubts raised by devoting time and interest outside class hours.	2	1	0
9	Teacher spends time in discussing the test performance of students and clarifies doubts.	2	1	0
10	Teacher maintains good relation with students.	2	1	0

**CALCULATIONS:****No. of Students who gave feedback = N****No. of Questions = 10**

$$S_i = \sum_{j=1 \text{ to } 10} \text{Marks for 10 questions given by a student.}$$

$$\text{Teacher Score (TS)} = \sum_{i=1 \text{ to } N} S_i / N$$
**Final score of a Teacher (FST) Mapped in the scale of 5 is:**

$$\text{FST} = (5 / 20) * \text{TS}$$
**Mapping Function:**

<b>FST</b>	<b>0 to 2</b>	<b>&gt;2 but &lt; 3</b>	<b>3 but &lt; 4</b>	<b>4 to 5</b>
<b>GRADE</b>	<b>D</b>	<b>C</b>	<b>B</b>	<b>A</b>

**A – Excellent****B – Very Good****C – Good****D – Matter of Concern**

The result of this feed back is given to all the respective staff members for information and for improvement. The result of feed back is also useful for the administrators to take appropriate corrective measures.

## **H. Grievance redressal mechanism for faculty, Staff and students**

Regular meetings of staff and administrators, Students and departmental administrators under various forums will give the scope for everyone to express their views in order to build the institutional reforms appropriate to the current context. Grievance redressal mechanism is well established and organized in the Institution through the following committees. The students are well attended by these committees in respect to their academic and other matters.

The following are the committees:

- Finance Committee
- Staff Council
- Board of Appointments
- Standing Committee
- Students Concelling Committee
- Time Table committee
- Examination Schedule committee
- Grading Advisory Committee
- Purchase Committee
- Library Committee
- Grievance Committee
- SC/ST grievance Cell
- Anti Sexual Harrasment Committee
- Mentorship Committee.

## V. Programmes :

Sl. No.	Course- UG/PG	Status /Date of accreditation by AICTE/
1	Civil Engineering	Accredited- 27-July-2006 – For 3 Years
2	Mechanical Engineering	Accredited- 06-June-2007 – For 3 Years
3	Electrical & Electronics Engineering.	Accredited- 27-July-2006 – For 3 Years
4	Electronics & communication Engineering.	Accredited- 27-July-2006 – For 3 Years
5	Computer Science & Engineering.	Accredited- 06-June-2007 – For 3 Years
6	Chemical Engineering	Accredited- 27-July-2006 – For 3 Years
7	Information Science & Engineering	Accredited- 27-July-2006 – For 3 Years
8	M.Tech.- Digital Electronics.	Accredited- 27-July-2006 – For 3 Years
9	M.Tech.- Engineering Analysis and Design	Not Eligible
10	M.Tech.- Computer Aided Design of Structures.	Not Eligible

**Programme Details**

Sl. No.	Programme Details	Intake	Duration
	UG COURSE		
1	CIVIL	90	4 Years
2	MECHANICAL	120	4 Years
3	ELECTRICAL & ELECTRONICS	60	4 Years
4	ELECTRONICS & COMM.	120	4 Years
5	COMPUTER SCIENCE	120	4 Years
6	CHEMICAL	30	4 Years
7	INFORMATION SCIENCE	60	4 Years
	PG COURSE		
1	DIGITAL ELECTRONICS (ELECTRONICS & COMMUNICATION ENGINEERING)	18	2 Years
2	ENGG ANALYSIS & DESIGN (MECHANICAL ENGINEERING)	18	2 Years
3	COMPUTER AIDED DESIGN OF STRUCTURES (CIVIL ENGINEERING)	18	2 Years
4	MBA	60	2 Years

**Details of collaboration with Foreign University(s)/Institution(s) : Nil**

## VI. Faculty Members.

Sl.NO	Department	Faculty Count					
		TOTAL	Permanent Faculty	Visiting Faculty	Adjunct Faculty	Guest Faculty	Staff Student Ratio
1	Civil Engineering (including PG)	11	11	-	-	-	1 : 15
2	Mechanical Engineering (including PG)	23	23	-	-	-	1 : 14.7
3	Electrical & Electronics Engineering.	12	12	-	-	-	1 : 15
4	Electronics & communication Engineering. (including PG)	24	22		-	-	1 : 16
5	Computer Science & Engineering.	23	23		-	-	1 : 14.7
6	Chemical Engineering	8	8		-	--	1 : 15
7	Information Science & Engineering	10	10		-	-	1 : 15
8	I year BE (including humanities and sciences)	38	38				1 : 15.2
	PG						
9	Civil (Computer aided design of structure)	2	2				1 : 18
10	EC (Digital Electronics)	2	2				1 : 18
11	ME (Engg. Analysis and Design)	2	2				1 : 18
12	MBA	8	8				1 : 15

**Number of Employees Employed / Left in Last Three years:**

Sl. No.	Department	Employee Employed (E) / Left (L) in Last three years					
		2008 - 09		2007 - 08		2006 - 07	
		E	L	E	L	E	L
01.	Civil Engineering [including PG]	01	02	05	02	01	--
02.	Mechanical Engineering [including PG]	09	02	07	07	02	03
03.	Electrical & Electronics Engineering	05		02	--	01	04
04.	Electronics & Communication Engineering [including PG]	15	11	08	13	03	03
05.	Computer Science & Engineering	13	08	07	10	01	03
06.	Chemical Engineering			03	03	01	03
07.	Information Science & Engineering	06	01	07	04	03	06
08.	MBA	08		04			



## VII. Profile of Director/Principal:



**Dr. M. N Sudheendra Rao**  
**Director/ Principal**

Professor M. N. Sudheendra Rao, a doctorate in Chemistry from Indian Institute of Science, Bangalore, in 1976 and a Professor at Indian Institute of Technology Madras has assumed the charge of Principal / Director of SDM College of Engineering and Technology, Dharwad on 14th November 2007. Professor Rao (born on December 10, 1950 in Davanagere, Karnataka) had his earlier education from Bangalore University and visited Germany (University of Frankfurt) and Canada (University of New Brunswick and University of Calgary) for post-doctoral experience. Prof. Rao has served Indian Institute of Technology Madras since 1983 in various capacities and has built a reflective career as a Teacher, Researcher and an Administrator.

As an academician, he is widely traveled both in India and Abroad and possesses a number of academic distinctions to his credit like, AvH Fellow (Germany), JSPS Fellow (JAPAN), Visiting Scientist – CANADA, Visiting Professor – JAPAN. He has been an enthusiastic and active Representative of both his institution and country during his trips Abroad. Dr. Rao in nearly nine years of stay away from India has visited many countries for research, teaching and attending conferences.

He has served many academic institutions, technical institutes and universities in various capacities, especially in both development and implementation of undergraduate and post-graduate programs. He has guided students for PhD theses (10 so far) and Dissertations of Master's program (18 so far) at IIT Madras. Six Post-doctoral fellows and several project staff have also worked in his group. A variety of government agencies (DST, CSIR, BRNS,) and Industries have funded his research endeavors at IITM. Prof. Rao has to his credit over eighty publications in international and national journals and an equal number of papers presented in national and international conferences and symposia. He is a regular and sought after speaker in conferences, symposia, workshops and other special academic events and as a Resource Person in Refresher Course Programs for college and university Teachers.

**Some Distinctions / Honors / Awards:**

1. Convener, 12th biennial National Symposium on Modern Trends in Inorganic Chemistry in 2007.
2. He is the re-elected VICE PRESIDENT, Indian Association of Chemistry Teachers, Southern India for a second term (2008-2010).
3. External Senator to N.I.T Jalandhar (Punjab) as one of the chosen educationists for two terms (4 Years).
4. Leader, Indian Deligation for 32nd International Chemistry Olympiad in Denmark.
5. Ph. D Thesis examiner for several Institutions (IISc, IITs, NITs, etc) and Universities.
6. Expert for FACULTY SELECTIONS (at all levels) for IIT and NITs.

**Contact Information**

Dr. M. N Sudheendra Rao  
Director  
S.D.M College of Engineering & Technology,  
Dhavalagiri  
Dharwad-580002  
Karnataka, India

Telephone: 0836 - 2447465/2448327/2435307  
Fax: 0836- 2464638

Email Id: principal@sdmcet.ac.in , mns\_rao@yahoo.com

**Particulars of the Full Time Principal/Director of the institution**

Name : **Prof. Dr. M.N, Sudheendra Rao**

Date of Birth : **10-12-1950**

Academic qualifications: : **B.Sc, (Hons) –High First Class**  
(with field of specialization) **M.Sc (Inorganic Chemistry) I Rank**  
**Ph.D (Chemistry)**

Details of Experience : **25 years experience at IIT Madras**  
(Academic / Industrial) **8.6 yrs at Resaerch and Teaching**  
**1.9 Years at SDMCET Dharwad.**

Area of specialization : **Chemistry**

Subjects teaching at under : **Main Group Inorganic Chemistry**  
graduate level post graduate **Organometallic Chemistry**  
level

Research guidance completed : PDF - 6, Ph.D - 9, M.Sc. – 18, Projects – 7.

Research Grants : DST, CSIR, BRNS(DAE), HWB (DAE) and industries

Research publications : Journals – 82, conferences - 85

## VIII. Fees Details :

Sl.NO	Department	Tuition Fees( per annum) Details :Category wise (2009-10)	
		Management	Government.- Quota
1	Undergraduate Courses I Year	Rs 1,00,000=00	Rs 15,000/25,000
8	M.Tech.- Digital Electronics.	Rs 40,000=00 per annum	
2	M.Tech.- Engineering Analysis and Design		
3	M.Tech.- Computer Aided Design of Structures.		
4	MBA	Rs 50,000=00	Rs 50,000=00

### Time schedule for payment of fee for the entire programme:

The students are required to pay fees at CET / Society cell after getting seat allotment. Subsequently at the beginning of each odd semesters as notified by University/ college authorities.

**No. of Fee waivers granted with amount and name of students****Year 2008-2009.**

Sl. No.	Name of the Students	Programme	Amount (Rs)Wavier
1	Prateek M B	EC	58630
2	Chetana	EC	53000
3	Smitesh Patravali	CS	53630
4	Deepika	IS	38000
5	Archana Ballulaya	CS	28000
6	Poonam Bhandarkar	EE	25000
7	Apoorva Patil	CS	75000
8	Rahul Kulkarni	ME	25000

**No. of scholarship offered by the institute, duration and amount : Nil****Criteria for fee waivers/scholarship**

- ❖ Concession is given to the candidates based on their merit and economic background
- ❖ No scholarships scheme is available at college or department level.

**Estimated cost of Boarding and Lodging in Hostels**

Sl-No	Details	Cost per Year
1	Rent	Rs,6,000.00
2	Establishment	Rs.5,000.00
3	Caution deposit	Rs.6,000.00
4	Diesel + water Charge	Rs. 400.00
5	Admission & Miscellaneous fee	Rs. 200.00
<b>Total</b>		<b>Rs. 17,600.00</b>

Food Charge: On dividing basis. Roughly around Rs 1,100 /- Per month

Electrical Charges: On dividing basis Roughly around Rs 100 /- Per Person per month.

**IX Admissions :**

<b>Sl.NO</b>	<b>Department</b>	<b>Seat Sanctioned</b>	<b>Approval Details: Date &amp; AICTE Letter No.</b>
<b>1</b>	Civil Engineering	60	<b>Year 2009</b> <b>F.NO.770-53-242(E)/RC/94</b>
<b>2</b>	Mechanical Engineering	120	<b>Year 2009</b> <b>F.NO.770-53-242(E)/RC/94</b>
<b>3</b>	Electrical & Electronics Engineering.	60	<b>Year 2009</b> <b>F.NO.770-53-242(E)/RC/94</b>
<b>4</b>	Electronics & communication Engineering.	120	<b>Year 2009</b> <b>F.NO.770-53-242(E)/RC/94</b>
<b>5</b>	Computer Science & Engineering.	120	<b>Year 2009</b> <b>F.NO.770-53-242(E)/RC/94</b>
<b>6</b>	Chemical Engineering	40	<b>Year 2009</b> <b>F.NO.770-53-242(E)/RC/94</b>
<b>7</b>	Information Science & Engineering	60	<b>Year 2009</b> <b>F.NO.770-53-242(E)/RC/94</b>
<b>8</b>	M.Tech.- Digital Electronics.	18	<b>Year 2009</b> <b>F.NO.770-53-242(E)/RC/94</b>
<b>9</b>	M.Tech.- Engineering Analysis and Design	18	<b>Year 2009</b> <b>F.NO.770-53-242(E)/RC/94</b>
<b>10</b>	M.Tech.- Computer Aided Design of Structures.	18	<b>Year 2009</b> <b>F.NO.770-53-242(E)/RC/94</b>
<b>11</b>	MBA	60	<b>Year 2009</b> <b>F.NO.770-53-242(E)/RC/94</b>

**Number of students admitted under various categories (Management – M, Govt.- Merit quota- GM, Govt.-Payment Quota- GPQ, ComedK Test (COM)), KRLM test ( KRLM) each year in the last three year:**

Sl. NO	Department	Students Admitted : Category wise								
		2008-09			2007-08			2006-07		
		M+ COM	GM		M + COM	GM	GPQ	M + COM	GM	GPQ
1	Civil Engineering	33	27		15	26		12	24	05
2	Mechanical Engineering	66	54		61	55		45	47	11
3	Electrical & Electronics Engineering.	31	29		27	26		29	24	06
4	Electronics & communication Engineering.	62	58		65	55		60	48	12
5	Computer Science & Engineering.	66	54		66	53		61	47	12
6	Chemical Engineering	11	29		01	18		01	16	01
7	Information Science & Engineering	25	35		33	27		30	24	06
8	M.Tech.- Digital Electronics.		4		1	2		-	07	-
9	M.Tech.- Engineering Analysis and Design		6			4		01	03	-
10	M.Tech. - Computer Aided Design of Structures.				--			-	01	-
11	MBA (Started from 2008-09)	30	30							

**No. of applications received during last two years, category wise:**

Sl.NO	Year	No of Application received/ admitted :Category wise			
		Management		Govt.- Merit Quota	Govt.- Payment Quota
		Received	Admitted		
1	2008-09	184	100		
2	2007-08	180	92		



## X. Admission Procedure :

Admission to BE course is made as per the guidelines/norms/notifications issued by Govt. of Karnataka from Time to time. The details of category wise /Quota wise admissions for the academic year 20098-10 are as below:

Sl. No	Address of the Agency including Contact phone numbers	Type of Quota for which Admission is being done	No. of seats Allotted	Web-site Address
1	CET Cell, 18 <sup>th</sup> Cross, Sampige Road, Malleshwaram, Bangalore	Govt. Quota	253	<a href="http://www.kar.nic.in">www.kar.nic.in</a>
2	COMEDK, Bangalore No.37, Ramanashri Chambers Lady Curzon Road Bangalore	COMEDK	163	<a href="http://www.kmca.info">www.kmca.info</a>
3	SDME Society, Dental College Campus, Sattur, Dharwad	Management Quota	180	<a href="http://www.sdmcet.ac.in">www.sdmcet.ac.in</a>

### Calendar for admission against management/vacant seats:

SL. No.	Admission Procedure	Date by which admission procedure is to be completed.
1	Last date for request for applications.	28-06-2009
2	Last date for submission of application.	12-07-2009
3	Interview/ Counseling	25-07-2009
4	Release of admission list (main list and waiting)-list should be announced on the same day of counseling.	25-07-2009
5	Date for admission by the candidate	30-08-2009
6	Starting of Academic Session	01-09-2009
7	The policy of refund of the fee, in case of withdrawal, should be clearly notified	Refunded if cancelled before the commencement of the session after deducting a nominal charges of Rs.1000

## XI. Criteria and Weight age for admissions:

Admission will be made in accordance with the guidelines issued by Govt. of Karnataka & VTU from time to time. Selections of students are made based on the performance in Entrance Test & 10 +2 examination conducted by CET or COMEDK. The candidates should have successfully passed 10+2 examination with the combination of subjects prescribed by Govt. of Karnataka and should have obtained minimum percentage of marks as specified by Govt. of Karnataka. Seats are reserved for candidates belonging to SC/ST / physically challenged candidates & other categories as per the guidelines issued by Govt. of Karnataka from time to time.

Average of Marks obtained in the admission test & Qualifying examination ( Physics, Chemistry, Maths ) is considered for Ranking under CET/ COMED-K Quota.

### Minimum level of acceptance, if any.

At the level of 10 + 2 examination, one must have a minimum 45% - of marks in aggregate of Physics, Mathematics and either of Chemistry, or Biology or Computer science or Bio. Tech or Electronics or Information Science to become eligible to take admission to B.E. course.

### The cut-off levels of percentage & percentile scores of the candidates in the admission test for the last three years:

Sl.NO	Department	Cut-off levels-Ranking of Students Admitted : Category wise							
		2008-09		2007-08		2006-07			
		GM	M-COM	GM	M-Com	GM	GPQ	M-Com	
1	Civil Engineering	11069	12483	16055	44153	19484	46214	27509	
2	Mechanical Engineering	7598	7608	12191	34742	13797	25705	43802	
3	Electrical & Electronics Engineering.	6046	4202	8751	25668	8755	19640	45660	
4	Electronics & communication Engineering.	769	5763	2862	37373	2816	7045	23135	
5	Computer Science & Engineering.	3384	5636	4342	40211	3948	8009	41387	
6	Chemical Engineering	10276	14621	22121	34949	22099	38029	-	
7	Information Science & Engineering	4876	9482	7475	13863	4992	13953	33035	

### Marks scored in the Test by all students under Management Quota

Candidates have been selected based on their merit and Interview conducted by the selection team for admission.

## XII. Application Form

:

Downloadable application form, with online submission Possibilities

### Application Form

Sl.No : \_\_\_\_\_  
Application No : \_\_\_\_\_  
Registration No: \_\_\_\_\_

Exam Seat No : \_\_\_\_\_  
Fee Demand. : \_\_\_\_\_

**SDME Society, Ujire**  
**SRI DHARMASTHALA MANJUNATHESHWARA**  
**COLLEGE OF ENGINEERING & TECHNOLOGY**  
**DHAVALAGIRI, DHARWAD-580 002**

To,  
The Principal  
S.D.M College of Engg. &Tech.  
Dhavalagiri, Dharwad- 580 002

**Sub** : Application for admission to first year  
B.E. Degree course for the academic year \_\_\_\_\_

**Photo**  
**(35mmX45mm)**

Dear Sir,

I request you to grant the admission for the First Year B.E degree course in the S.D.M College of Engineering and Technology, Dhavalagiri, Dharwad- 580 002 during the academic year \_\_\_\_\_

1. Name of the Applicant in block letters : \_\_\_\_\_  
(as recorded in the marks card of the  
qualifying examination) \_\_\_\_\_

2. Date of birth (as recorded in X  
Standard Marks card) and place of birth

Date	Month	Year
<input type="text"/>	<input type="text"/>	<input type="text"/>

3. Nationality : \_\_\_\_\_

4. Religion /Caste / Sub Caste : \_\_\_\_\_

5. Category : \_\_\_\_\_

6. Mother Tongue : \_\_\_\_\_

7. Name and Occupation of the father : \_\_\_\_\_

8. Name and Occupation of the Guardian: \_\_\_\_\_  
(If Father is not alive)

9. Permanent address of the Father / Guardian: \_\_\_\_\_

\_\_\_\_\_ Pin 

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Telephone No. if any : STD 

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--	--	--	--	--	--

10. Postal address of the Father / Guardian: \_\_\_\_\_

\_\_\_\_\_ Pin 

--	--	--	--	--	--

Telephone No. if any : STD 

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--	--	--	--	--	--

11. Annual income of Father / Guardian : \_\_\_\_\_

12. Extra curricular activities : \_\_\_\_\_

**13. Details of the Examination Passed by the Candidate**

Sl. No	Exam Passed	Month & Year of Passing	Institution / Board	No. of Attempts	Marks Scored and %	Remarks
1.	1 to IXth Std.					
2.	S.S.L.C / X th Std.					
3.	P.U.C / XIIth Std.				PHY: CHE: MATH: Overall % In PCM	

**14. Declaration by the Candidate**

All the particulars stated in this application are true to the best of my knowledge and belief. I hereby declare that I have carefully read the "Rules of admission" to the college and understood them. I undertake to fulfill all those rules and regulations failing which I am liable for punishment including rustication from the college.

Place: \_\_\_\_\_

Date: \_\_\_\_\_

Signature of the Applicant

**15. Undertaking by the Parent / Guardian**

In the event of the above applicant, who is son/ daughter / ward being admitted to the institution, I hereby give an undertaking to pay regularly his/her fees due to the institution. Mess bill due to the hostel, and any dues to be paid by him / her, till his/ her completion of the course of studies. I also undertake to be responsible for his/ her conduct and punctuality.

Place: \_\_\_\_\_

Date: \_\_\_\_\_

Signature of the parent / Guardian

**FOR OFFICE USE ONLY**

Approved admission to I Sem BE

Category :

Roll No :

Fee Receipt

Date

Amount

Superintendent

## XII. List of Applicants

List of applications - BE - 2009-10

Sl. No.	Name
1	Jeet Mukesh Arora
2	Md. A.A.Shaikh
3	Amrut N Kulkarni
4	Harsheet A Suryavanshi
5	C. Tulasi Manasa
6	Debasis Badhai
7	Sushant Danolli
8	Jiteshkumar N Jain
9	Sangabasav Kapali
10	Shravan S Kotekar
11	M Pavan Kumar
12	Praveen P Gaonkar
13	Johnson Fernandes
14	Akash M Molkeri
15	Aman Pathak
16	Ajith G Mongeri
17	Himalaya P Vaida
18	Gaurav S Talati
19	Denzil Santoshkumar M
20	Mohit K
21	Adish A Ambore,

22	Samuel V Dandin
23	Adarsh Sahay
24	Amith Kumar B
25	Shyam Dhulkhed,
26	Tawate Rohit S
27	Rahul R Pillai
28	Nishant Y
29	Mayur S
30	Nishant Pillai
31	Ajay T Shelke
32	Kanalil S Shoukatali
33	Amith Kumar
34	Sachin S Sukumaran
35	Anil Kumar
36	Gautam R Naik
37	Manjunath M Dasar
38	Siddesh R Raikar,
39	Kamal Kumar
40	Suchita Kulkarni
41	Amit Kumar
42	Priya R Hosur
43	Shilpa R Nayak,
44	Anupama Kulkarni
45	Biliya Vikas Prakash

46	Veera Reddy
47	Karthick Madanur
48	Raghavendra P Hulihalli
49	Shyamala Moogi
50	Rashmi D N
51	P Avinash
52	D Chetana
53	Gautam G Hegde
54	Neha Kumari
55	Shantala K Naik
56	Ashwini
57	Shubham Dosi
58	Smit Mandola
59	Megha Salonke
60	Lohit A Raikar
61	Parth N Patel
62	Kallappa I Morabad
63	Shweta N Mali Patil
64	Neelkanth Guttedar
65	Gaurav Jindal
66	Deepak S. Patil,
67	Pavan Varma
68	Vidya Rajbanshi



69	Venkat Vidyadhar K
70	Anusha D Patil
71	Akhil Ranwan
72	Lalan Kumar
73	Prashanth Kumar
74	Vasanthkumar Battikoppad
75	Suraj R
76	N. T. Raghavendra Reddy
77	Vimlesh Revankar,
78	K R Himmath
79	Arpit Jain,
80	Bashir Ahamd H
81	Vivekanad C Patil
82	Shivanand Hiremath
83	Madhuri V Koti,
84	Dreena Biswas
85	Amir N Ganihar
86	Shradha M Bhat
87	Aman Yadav
88	Palak Chavan,
89	Anuja Prakash
90	Gururaj Patil
91	Mukund Mudakavi
92	Rahul B Goudar

93	Divya P Gaonkar
94	Srividya P Deshpande,
95	Pooja Shrma
96	Ravindra Kumar Darji
97	Nandu Singh
98	Sanjay Kumar Bhosale
99	Chandra Prakash
100	Richa Madhu
101	Harish Kumar Kumbar
102	Ajay Prakash Singh
103	Mayabate S Ashwathama
104	Pavan Kumar Annigeri
105	Vikash Kumar
106	Seemab Ahamad
107	Sourabh Gupta
108	Rashmi V Kakkayanavar
109	Aditya Kumar
110	Vinod Kumar,
111	Manjoosh Kalagathgi
112	Tanya Sinha
113	Sunay Dosi
114	Shweta Kudari,
115	Kapil Sharma
116	Jinesh Jain

117	Sandip S Patilraikod
118	Nikita M Veerangoudar
119	Vijet Amarshetty
120	Mandar B Salvi
121	Karthik J Shetty
122	Vinayak Annigeri
123	Vijay Keshavan
124	Santhosh s Kademani
125	Theerth Kumar Chougale
126	Taqudas Ahamed Mir
127	Sohail Ahamad Shaikh
128	Naveen S Doddamani
129	Nikhil Caeiro
130	Saiprasad A Shelake
131	Chidambar B Kulkarni,
132	Keerthi K S
133	Sandip V Chakravarthy
134	Sakkai Dhruv Hemal
135	Tejasvini Jadhav
136	Sujith S Sheelavanthar
137	Chirag Sinari
138	Annop I Shirkol
139	Neshwin N Rodrigues
140	Pavan A Kulkarni

141	Viajayalaxmi G Lingareddi,
142	Shahanaz K Sheikh
143	Narahari Narasapur
144	Manish Kumar
145	Pranay Choudhary
146	Vivek Dev
147	Ravindra Kumar Gupta
148	Gurupreet Singh Bhoomra
149	Rehan Nawaz
150	Rasesh Kumar
151	Harsh Sandeep Parikh
152	A Praveen Kumar,
153	Pallavi Palit
154	Amogh Varsha A M
155	Sachit V Verma
156	Vipul Patel
157	Aravind Sonnad
158	Niranjan P Nadakatti
159	Anirudh Kamath
160	Shreyasi R Kulkarni,
161	Shashank I Patil
162	Suresh Gubbi
163	Vinayak G Bevinmarad,
164	Ms. S. K. Samyukta,

165	T. Venkat Kamesh Rao,
166	Vishrut Pramod Raichur
167	Prajwal Bhat
168	Niteen Malu
169	Avinash L Chavan
170	Amruta R. Bahuguni,
171	Rahul Kumar Majjagi
172	Prashant T Patil
173	Imam Nissar H. Dhalayat,
174	Paveen M.K.
175	Praveenkumar Huddar
176	Vinuta Mudengudi
177	Amitkumar Salagar
178	Avinash Kumar Jha,
179	Bharatkumar
180	Gaurish P Hegde
181	B.S.Deepak
182	Deepak Harati,
183	Mohammed Asif Peerwale
184	K.P.Srivasta
185	Sudeep Banad
186	Mohammed Zuber Belgaumwale
187	Akshay Bidkar

## XIV. Results of Admission under Management Quota

### Composition of selection team for admission under Management Quota with the brief profiles of Members (2008-09)

1. K. Jinendra Prasad, Secretary, SDMES, Dharwad.
2. Sri. R. V. Kamath, Executive Officer, SDMES, Dharwad.
3. Prof. M. N. Sudheendra Rao, Principal / Director, SDMCET, Dharwad.
4. Sri. A. M. Dibbad, O. M., SDMES, Dharwad.

Following is the list of candidates for BE course under NRI / Management for the year 2008-09 subject to the admission criteria of VTU and GOK in force. The selected candidates are requested to confirm the seats by payment of prescribed fees.

#### Mechanical :

Sl. No.	Name of the candidate
1	Jeet Mukesh Arora
2	Mohammed A A Sheikh
3	Amruth N Kulkarni
4	Harshit A Suryavanshi
5	C Tulasi Manasa
6	Debasis Badhai
7	Sushant Danavalli
8	Jiteshkumar N Jain
9	Sanganbasava Kapali
10	Shravan Koteekar
11	M Pavankumar
12	Praveen P Gaonkar
13	Johnson Feranandes
14	Akash M Molkeri
15	Aman Pathak
16	Ajit G Mongeri
17	Himalaya P Vaida
18	Gaorav S Talati
19	Denzil Santoshkumar M
20	Mohit K
21	Adish A Ambore
22	Samuel V Dandin
23	Adarsh Sahay
24	Amitkumar B
25	Tawate Rohit S

26	Rahul R Pillay
27	Nishant Y
28	Mayur S
29	Nishant Pillai
30	Ajay T Shelke
31	Kanalil S Shokath Ali
32	Amit Kumar
33	Sachin S Sukumaran
34	Anil Kumar
35	Gautam R Nayak
36	Manjunath M Dasar
37	Siddesh R Raikar
38	Kamal Kumar

**Electronics & Communication:**

Sl. No.	Name of the candidate
1	Priya R Hosur
2	Shilpa R Nayak
3	Anupama Kulkarni
4	Bliya Vikash Prakash
5	Veera Reddy
6	Karthick Madnur
7	Raghavendra P Hulhalli
8	Shyamala Moogi
9	Rashmi D N
10	P. Avinash
11	D Chetana
12	Gautam Hegde
13	Neha Kumari
14	Shantala K Naik
15	Ashwini
16	Shubham Doshi
17	Smit Mandola
18	Megha Salunki

19	Lohit A Raiker
20	Parth N Patel
21	Kallappa I Morabad
22	Shweta N Mali Patil
23	Neelkanth Guttedar
24	Garuv Jindal
25	Pavan Verma
26	Vidya Rajbanshi
27	Venkat Vdiyadhar K
28	Anusha D Patil
29	Akhil Ranwan
30	Lalan Kumar
31	Prashankumar
32	Suraj R
33	N. T. Raghavendra Reddy
34	Vimlesh M Revanker
35	K R Himmat
36	Vasantkumar Battikoppad

**Computer Science**

Sl. No.	Name of the candidate
1	Shivani S Hiremath
2	Madhuri V Koti
3	Dreena Biswas
4	Amir N Ganihar
5	Shradha M Bhat
6	Aman Yadav
7	Palak Chovan
8	Anuja Prakash
9	Gururaj Patil
10	Mukund Madhukavi
11	Rahul B Goudar
12	Divya P Bhomkar
13	Srividya P Deshpande



14	Pooja Sharma
15	Nandu Singh
16	Sanjaykumar Bhosale
17	Chandra Prakash
18	Richa Madhu
19	Harishkumar B Kumbar
20	Ajay Prakash Singh
21	Mayabete S Ashwathama
22	Pavankumar Annigeri
23	Vikash Kumar
24	Seemab Ahemad
25	Sourabh Gupta
26	Rashmi V Kakkayannavar
27	Aditya Kumar
28	Vinod Kumar
29	Manjush Kalaghatagi
30	Tanya Sinha
31	Sunay Dosi
32	Shweta V Kudri
33	Kapil Sharma
34	Jinesh Jain
35	Sandeep S Patil Raikod
36	Nikhita M Veerangoudar
37	Ravindra Kumar Darji

**Information Science:**

Sl. No.	Name of the candidate
1	Suchita Kulkarni
2	Amit Kumar

**Civil:**

<b>Sl. No.</b>	<b>Name of the candidate</b>
1	Prateek R Wantamutte
2	Vijay Amarshetty
3	Mandar B Salvi
4	Karthick J Shetty
5	Vinayak R Annigeri
6	Vijay Keshavan
7	Santosh S Kademani
8	Theerthkumar Chougule
9	Taqudas Ahmad Mir
10	Suhail Ahmad Sheikh
11	Naveen S Doddamani
12	Nikhil Caero
13	Saiprasad Shelke
14	Chidambar B Kulkarni
15	Keerti K S
16	Sandeep V Chakravarthy
17	Sakkai Dhruv Hemal
18	Tejaswini Jadhav
19	Sujith S Sheelvantar
20	Chirag Sinhari
21	Anoop I Shirkol

**Electrical & Electronics:**

Sl. No.	Name of the candidate
1	Neshwin N Rodrigues
2	Pavan N Kulkarni
3	Vijayalaxmi G Ligareddi
4	Shahnaz K Sheikh
5	Narahari Narasapur
6	Manish Kumar
7	Pranay Choudhary
8	Vivek Dev
9	Ravindra Gupta
10	Guruprit Singh Bhomra
11	Rehan Nawaz
12	Rasesh Kumar
13	Harsh Sandeep Parikh
14	A Praveen Kumar
15	Pallavi Palat
16	Amogh Varsha A M
17	Sachit Verma
18	Vipul Patel

**Chemical:**

Sl. No.	Name of the candidate
1	Arpit Jain
2	Bashir Ahmed H
3	Vivekanand C Patil

## XV. Infrastructure, facilities and other Resources

### a. Library

:



#### Books and Learning Resources

1. Total No of Books : 45812
2. Total No. of Titles : 16773

#### 2. Journals Information: Programme wise.

SI.No.	DEPARTMENT	Magazines (Print)	National Journals(Print)	International Journals(Print)	Online Journals
1	Computer Science & Engineering	7	1	3	IEL Online
2	Civil Engineering	3	4	2	ASCE Online
3	Electrical & Electronics Engineering.	2	2	--	IEL Online
4	Mechanical Engineering	1	1	--	ASME Online
5	Electronics & Communication Engineering	2	--	1	IEL Online
6	Chemical Engineering.	3	2	4	Springer Link
7	Science Departments.	4	5	1	Springer Link/IEL Online

### **3. E-Library facilities**

The Library and information centre is totally automated and has access to 800 E-Journals from IEL Online/ ASME /ASCE/Springer link/DEL under INDEST Consortia. The library information like e-catalogue (EPAC)/periodical information are accessible on the campus wide network. The Digital Archiving facility which will help in archiving e-contents and e-books etc which are accessible on the campus network.

### **4. Library Floor Area: 1016 sq.mts**

#### **READING ROOM**



**b. Equipment/Computer/Software &  
c. Laboratory wise Facilities**

Sl. No.	Name of the Course	Area	Major equipments
	<b>Civil Engg.</b>		
1	Concrete & Highway	69.35	Mentioned below
2	Geology	120.43	
3	Mechanics of Materials	187.62	
4	Transportation Engineering	66.50	
5	Environmental Engg.	114.00	
6	Soil Mechanics	160.97	
7	Irrigation Engineering	190.00	
8	Fluid Mechanics	190.00	
9	CAD Laboratory	80.72	
10	Survey Store / Lab	93.70	
	<b>TOTAL</b>	<b>1272.86</b>	
	<b>Mechanical Engg.</b>		
1	Material Testing Lab	212.87	
2	Mechanical Measurements & Metrology Lab	106.82	
3	CAD Lab	162.45	
4	Energy Conversion Lab		
	a) I. C Engine Lab	164.64	
	b) Fuels Lab	129.28	
5	Fluid Machinery	325.00	
6	Heat Transfer Lab	92.07	
7	Design Lab	140.22	
8	<b>Workshop</b>		
	Foundry & Forging Lab	261.87	
	Machine Shop	402.49	
	Smithy Lab	213.38	
	b) Fitting Section	194.83	
	c) Welding Section & Carpentry Section	197.06	
9	Aero dynamics Lab (Wind Tunneel)	117.25	
	<b>TOTAL</b>	<b>2720.23</b>	
	<b>Electrical Engg.</b>		
1	Circuits & Measurement Lab	626.14	
2	Machine Lab	399.20	
3	Microprocessor & RHV Lab	283.20	
4	Instruction Room	51.84	
5	PSS & ES Lab	205.30	
6	M. G. Set Room	113.88	
7	Store Room	47.61	
8	Electrical CAD Lab	33.75	

	<b>Electronics Engg.</b>		
1	Digital & Microprocessor Lab	235.15	
2	Communication Lab	163.63	
3	Basic / Power Electronics Lab	235.15	Mentioned below
4	Computer / Advanced Microprocessor	175.15	
5	VHDL Lab	206.30	
6	Microprocessor	168.00	
7	DSP Lab	206.30	
		<b>1389.68</b>	
	<b>Computer Science Lab</b>		
1	Basic Skills Lab	112.00	
2	Affordable Lab	81.02	
3	Software Engineering Lab	75.80	
4	Project Lab	115.95	
5	ADE Lab	56.34	
6	Computer Lab 1	211.00	
7	Computer Lab 2	92.62	
		<b>745.00</b>	
	<b>Chemical Engg.</b>		
1	MMT Lab	380.00	
2	Mechanical Operations Lab	93.30	
3	Heat Transfer Lab	91.20	
4	Instrumental & Pollution Control Lab	107.00	
5	Mass Transfer Lab	90.80	
6	Chemical Reaction Engg. Lab	67.70	
7	Computer Lab	64.58	
8	Process Control Lab	50.00	
	TOTAL	<b>944.58</b>	
	<b>Information Science</b>		
1	Information Processing and Networking Lab	161.91	
2	PSD Lab	131.91	
3	Innovation Lab	208.28	
4	Computer Lab	92.62	
	Total	<b>595</b>	
	<b>Physics</b>		
1	Physics Lab	<b>191.32</b>	
	<b>Chemistry</b>		
1	Chemistry Lab	<b>218.07</b>	
	<b>MBA</b>		
1	Computer Lab	<b>131.60</b>	

S. No	Name of the Course	Major equipment
1	Civil Engineering	Compression testing machine, Concrete mixer, Vibrator, and all equipments to do testing of cement, sand, aggregate, bricks, Cube moulds 7.06 cm x 7.06 cm x 7.06 cm, Vernier caliper mitutoyo L.C 0.02 range 300 mm, Platform digital balance 300 kg capacity with 50 gm L.C Digital balance 10 kg capacity with 1 gm L.C
2		GPS, Scanner, Computer, ERDAS Imagine 8.5 Software Arc Explorer, Polishing Machine
3		UTM, Impact, Torsion, Hardness testing machines Flexural strength of cement concrete, Etc
4		Devals Abrasion, Los Angles, Dorrays viscosity softening ,flash and fire, penetration, ductility and all equipments to do testing, of sand, aggregate, bitumen, Benkelman beam Centrifuge extractor electrical operation etc.
5		UV Visible Spectrophotometer, Calorimeter, Turbidity meter, Flame photometer, Incubator etc
6		Triaxial, Direct shear, consolidation, proctor, permeameter, CBR, vibrator, Unconfined, sieve analysis, Digital balance 10 kg capacity with 1 gm L.C, CBR moulds with extension collar Vane shear apparatus, Electronic conversion kit for 3 gang consolidation, Field California ratio test Triaxial Electronic conversion kit, Hot air oven, thermostat
7		Experimental channel on which research on flow measurement devices and sediment transport can be taken up. Flow measurement like venturimeter, orificemeter, Notches, mouthpieces, pipe friction, pipe fittings weirs flames, siphons, Bernoulli's equipment.
8		
9		<b>a) Hardware:</b> 1 Server, 13 Branded P-IV Machines, 5 Branded P-I machines, 2 Dot matrix, 2 inkjet printers, 1 Hand held scanner, 1 Flat Bed Scanner, cd writer 52x external make i- omega Transcend 128 MB pen drive Lcd multimedia projector sharp, model PG-A20X  <b>b) Software:</b> Autocad-14, Geomedia Professional-IV (GIS), Geomedia Professional-V (GIS), IDRISI(GIS), STAAD-III, NISACIVIL, EMRC(FEA), Auto Civil, Map Info, ENVI Image Processing Software, Auto-Cad Map 2004, Architectural Desktop-2004, STAAD PRO, SCADDS Series
10		Total Station, Theodolites, Dumpy levels etc.



**MECHANICAL ENGINEERING : MAJOR EQUIPMENTS AVAILABLE****01. MATERIALS TESTING LAB:**

<b>Sl. No.</b>	<b>Name of the equipment</b>	<b>Quantity</b>
01.	Metallurgical Microscope – Vardhan	01 No.
02.	Accessories for Microscope (View in arrangement)	01 No.
03.	Inclined Metallurgical Microscope	02 Nos.
04.	Trinocular Metallurgical Microscope	01 No.
05.	Accessories for Microscope	.
06.	Muffle furnace	01 No.
07.	Hardness Tester (Vicker's)	01 No.
08.	15 Nos. Standard Specimens for Study of Microstructure	01 Set.
09.	Polishing Machine a) Single Disc b) Double Disc Polishing M/c	01 No. 01 No.
10.	Hardness tester (Brinell & Rockwell) fine make	01 No.
11.	Illuminating Magnifier	01 No.
12.	Drier & Engraving Machine	01 Each
13.	Tensile and compression Machine	01 No.

**02. METROLOGY AND INSTRUMENTATION:**

<b>Sl. No.</b>	<b>Name of the equipment</b>	<b>Quantity</b>
01.	Bore Gauge or Cylinder Gauge with dial indicator	01 Set
02.	Universal Bevel Protector	01 PC
03.	Bench Centre	01 No.
04.	Comparator Stand	01 No.
05.	Dial Indicator Plunger Type	03 Nos.

06.	Dial Indicator Lever Type	03 Nos.
07.	Depth Gauge	01 No.
08.	Dial Indicator (0.01)	03. Nos.
09.	Feeler Gauge	03 Nos.
10.	Radius Gauge	04 Nos.
11.	Snape Gauge	03 Nos.
12.	Thread Gauge	02 Nos.
13.	Slip Gauge Box	03 Nos.
14.	Gauge Block Accessories	01 Set
15.	Gear tooth Vernier	01 Set
16.	Vernier Height Gauge	01 Set
17.	Spirit Level Bottle	02 Nos.
18.	Micrometer 0 to 25 mm outside	10 Nos.
19.	Micrometer 25 to 50 mm outside	02 Nos.
20.	Micrometer 50 to 75 mm outside	01 No.
21.	Micrometer 25 to 50 mm inside	01 No.
22.	Micrometer 5 to 30 mm	01No.
23.	Gear Tooth Micrometer 0 to 25 mm	02 Nos.
24.	Micrometer Stands	06 Nos.
25.	Depth Micrometer	01 No.
26.	Magnetic Stands	05 Nos.
27.	Micrometer Outside 0 to 100	01 No.
28.	Optical flats Parallel	06 Nos.
29.	Sine Bar	01 No.
30.	Plane Plug Gauge	02 Nos.

31.	Thread Gauge	04 Nos.
32.	Try Squares	06 Nos.
33.	Surface Plate	09 Nos.
34.	Granite Surface Plate (15 sq. ft.)	01 No.
35.	Vernier Callipers	12 Nos.
36.	Vernier Dial Type	01 No.
37.	Vernier Fine Adjustment	02 Nos.
38.	3 wire set	01 No.
39.	Profile Projector	01 Unit
40.	Tool Makers Microscope	01 Unit
41.	Electronic Comparator	01 No.
42.	Load Cell	01 Set
43.	Auto Collimeter	01 Unit
44.	Free Gauge tester	01 No.
45.	Vibration Sensor	01 No.
46.	Vibrator Exciter	01 No.
47.	Ten Channel Bridge	02 Nos.
48.	Digital Strain Indicator	02 Nos.
49.	Power Oscillator	01 No.
50.	Vibrator Indicator	01 No.
51.	LVDT	01 Set
52.	Pressure Measuring system	01 Set
53.	Load System	01 Set

**03. CAD / CAM Laboratory:**

Sl.No	ITEM	Qty
1	UPS - Fiskers 5KVA Online	1
2	Computer - PCL Orbit 486, 256KB,32MB RAM, 1 GB HDD,	1
3	INKJET Printer - HP 560C	1
4	Dot Matrix Printer - WIPRO Epson LQ 1050 with Multi Font.	2
5	Cartridge Tape drive – HP Colorado T-3000	1
6	Ethernet Hub 16 Port	1
7	Computers – Unicorp P166,16MB RAM, 2 GB HDD, 14” Col	10
8	Computers – HCL Busybee P-II, 333MHz, 512 KB, 64 MB , 40GB HDD, 14” SVGA Colour	10
9	16 Port Hub – HCL Bee Hub	1
10	Dot Matrix Printer - TVSE MSP 345	1
11	UPS - TVSE 500J – (500VA)	1
12	Air Conditioners – Window Type,LG Model LW F1862 (1.5 Ton)	3
13	Air Conditioners – Split Type, LG Model LS F1260 ( 1.0 Ton)	1
14	Voltage Stabilizer for A/c Units - BELLS 4 KVA	3
15	Voltage Stabilizer for A/c Unit - BELLS 3 KVA	1
16	Plotter - HP 450C A1 Size	1
17	CD RW – HP 8200I	1
18	Colour Monitor – Samtron 75E 17”	1
19	Server – Compaq Proliant 400 PIII 500MHz, 512 KB, 128 MB RAM, 9.1GB HDD, WIN NT 4.0	1
20	Scanner - UMAX Astra 2000P Colour Scanner	1
21	Compaq P-III 1 GHz,128 MB RAM,40 GB HDD,Win-98	5
22	Mercury MS 440 Ampli speakers	1
23	Gemini Multimedia Speakers	1
24	40 GB HDD Seagate	5
25.	P-IV 2.4 GHz,256 MB RAM,40 GB HDD,WIN XP	5
27.	XLTURN – CNC Training kit Make Denford	1
28	LCD Projector	1
29	HP Deskjet3325 Inkjet Printer	4
30	HP Proliant ML 350 Server	1
31	HP Workstation XW4200	18
32	HP Laserjet Printer 2420D	1

**04. ENERGY CONVERSION LAB:**

Sl. No.	Name of the equipment	Quantity
1.	Cleveland Open Cup Apparatus	02 Sets
2.	Pensky Martens Closed Cup Apparatus	02 Sets
3.	Ables Apparatus	02 Sets

4.	Grease Drop Point Apparatus	02 Sets
5.	Universal Penetrometer with grease workers	03 Sets
6.	Planimeter	02 Sets
7.	Distillation Test Apparatus	01 Set
8.	Saybolt Viscometer	02 Sets
9.	Redwood Viscometer	02 Sets
10.	Carbon Residue Test by Conradson Apparatus	03 Sets
11.	Junkers Gas Calorimeter with Gas Plant	01 Set
12.	Bomb Calorimeter	01 Set
13.	Ring & Ball Apparatus	01 Set
14.	Cloud & Pour Point Apparatus	01 Set
15.	Digital Electronics Balance	01 No.
16.	Orsat Apparatus	01 Set
17.	Solar lantern with charge regulator cable and accessories P. V. Model 10 W Battery 12V x 7 AH	01 No.
18.	Solar pump set capacity 800 LPD TATA make	01 No.
19.	Solar Dryer Cabinet Type Size 3.5 'x 2.5' x 2" with compartment each	01 No.
20.	Solar Still capacity 2.5 - 3 liters per day size 1.5 meter x 1 meter x 0.5 meter	01 No.
21.	Solar Water Heatig System Capacity 100 liters per day	01 No.
22.	Luxmeter Digital Display, Range 0-100000	01 No.
23.	Thermo Anemometer Digital Display range 0.4	01 No.
24.	Sun shine recorder	01 No.
25.	Digital Energy Meter	01 No.
26.	Water Tank Stand size 38" x 27" x 66"	01 No.
27.	MS Ladder 40 x 40 x 6 mm angle 25 x 25 x 45 mm angle 1.2 inch dia	01 No.

**I.C. ENGINE LAB:**

Sl. No.	Name of the equipment	Quantity
01.	Diesel Engine Four Stroke 5 HP with Mech. Brake	01 Set
02.	Diesel Engine Two Stroke 4 HP with Mech. Brake	01 Set
03.	Petrol Engine Four Stroke Multi Cylinder Test Rig with Hydraulic dynamometer	01 No.
04.	Single Cylinder Two Stroke Petrol Engine With DC Electrical Dynamometer	01 No.
05.	Air Compressor Two stage test rig	01 No.
06.	Horizontal Diesel Engine with lower speed engine indicator	01 No.
07.	Refrigeration Equipment of 0.25 Ton at 40°C ¼ HP with test rig	01 No.
08.	DT 2001 A Digital Tachometer	06 Nos.
09.	Hand Tachometer Type 630	10 Nos.
10.	Variable Compression ratio Engine Test Rig	01 No
11.	Sterling Engine	01 No
12.	4 Cylinder 4- Stroke Diesel Engine	01 No

**05. FLUID MACHINERY LAB:**

<b>Sl. No.</b>	<b>Name of the equipment</b>	<b>Quantity</b>
01.	Jet on Vanes Apparatus	01 No.
02.	Pelton Wheel Turbine	01 Set
03.	Hydraulic Ram Set	01 No.
04.	Pump Set	01 No.
05.	Variable Speed Centrifugal Pump	01 Set
06.	Two stage centrifugal Pump Test Rig	01 No.
07.	Francis Turbine Test Rig	01 No.
08.	Self Priming Pump Test Rig	01 No.
09.	Gear Pump Test Rig.	01 No.
10.	Vertical Shaft Kaplan Turbine Test Rig	01 No.
11.	Rotameter	01 No.
12	Wind Tunnel(1m x 1m)	01 No.
13	Hot wire anemometer	01 No
14	Notch Apparatus	01 No
15	Venturimeter and Orifice Meter	01 No
16	Reciprocating Pump Test Rig	01 No
17	Pipe Friction Apparatus	01 No
18	Minor Loss Apparatus	01 No

**06. HEAT TRANSFER LAB:**

<b>Sl. No.</b>	<b>Name of the equipment</b>	<b>Quantity</b>
01.	Heat Transfer through plane composite wall	01 No.
02.	Heat Transfer through lagged pipe	01 No.

03.	Verification of Stefan Boltzmann's law	01 No.
04.	Heat Transfer by natural convection	01 No.
05.	Heat Transfer by forced convection	01 No.
06.	Heat Exchanger (Parallel & Counter Flow)	01 No.
07.	Determination Thermal conductivity	01 No.
08.	Heat Transfer from a pins	01 No.
09.	Heat Transfer through longitudinal fin	01 No.
10.	Heat Transfer through annular fin	01 No.
11.	Milli-Volt Meter	06 Nos.
12.	Variable Auto Transformer	03 Nos.
13.	Variable Auto Transformer 4A	08 Nos.
14.	Century Digital Temperature Indicator	04 Nos.
15	Critical Heat flux apparatus	01 No
16	Boiling and condensation apparatus	01 No
17	Heat Exchanger	01 No
18	Composite wall apparatus	01 No

**07. DESIGN LAB :**

<b>Sl. No.</b>	<b>Name of the equipment</b>	<b>Quantity</b>
01.	Gyroscope	01 No.
02.	Balancing Apparatus	02 No.
03.	Universal governor Apparatus	01 No.
04.	Whirling of Shaft Apparatus	01 No.
05.	Vibration Experimental Rig (with CAM dynamic)	01 No.
06.	Mass Moment inertia	01 No.
07.	Hydraulic Trainer (fluid power trainer)	01 No.
08.	Pneumatic Servo System	01 No.
09.	Stroboscope	01 No.
10.	Strain Indicator	02 No
11.	Polaris cope 12”	01 No
12.	Governor Test Rig Lab Set up	01 No
13.	Hand held vibrometre with accelerometer	01 No
14.	Vibrometer with built in FFT Analyzer	01 No

**08. WORKSHOP FOUNDRY LABORATORY**

<b>Sl. No.</b>	<b>Name of the equipment</b>	<b>Qty</b>	<b>Test Conducted</b>
01	Sand Testing Equipment	1	Tensile, compressive and shear strength of sand
02	Rapid Moisture Teller	1	% of Moisture
03	Permeability Tester	1	Permeability of the sand
04	Clay Content Determination Apparatus	1	Quantity of Clay
05	Sieve shaker	1	Grain fineness determination of Sand.
06	Moulding Boxes	9	Preparation of Mould
07	Sand Muller	1	Blending of Sand with water
08	Shatter Index Determination Apparatus	1	Overall quality of foundry sand



09	Carbon content determination in cast iron	1	Determination of Carbon Content in Cast Iron
10	Oven	1	Sand dryer
11	Cupola	1	Melting of Metal
12	Pit Furnace	1	Melting of Metal
13	Oil fired furnace with 60kg Al)	1	Melting of Metal

**MACHINE SHOP:**

Sl.No.	Name of the equipment		Quantity
1	Centre lathes	a) Enterprises 1330	10
		b) Enterprises 10	5
		c) Shimoga 0-5	5
		d) Madras GD-1	1
2	Hacksaw Machine – Cobra Model		1
3	Tools and Cutter Grinder Addison		1
4	Pillar Drilling Machine – EIFCO $\phi \frac{3}{4}$ “		1
5	Cylindrical Grinding Machine HHU-45-S Harris		1
6	Shaping Machine	a) Cooper make CSM-630mm	1
		b) DMK petter 18	1
7	Milling Machine	a) BFW 1(U)	1
		b) Praga 221 T	1
8	Bench Grinder – Sahakar		1
9	Surface Plate - VTG 18”x 18” B grade Granite		1
10	Weighing Machine Avery 300 kg		1
11	Do all unit with attachments		11
12	Wolf Bench Grinder		1
13	Chain Pulley Block		1
14	Portable drilling Machine		3
15	Heavy Duty Planing Machine Sagar Make		1
16	Two speed hand Drill		1
17	Grinding Attachment for Lathe		1
18	Internal Grinding attachment for Lathe		1
19	Bench Drilling Machine		1
20	CNC Milling Machine		1

**SMITHY SHOP:**

Sl.No.	Name of the equipment	Quantity
1	Open Hearths	12
2	Blowers	2
3	Anvils	16
4	Swage blocks	2

**FITTING SHOP:**

Sl.No.	Name of the equipment		Quantity
1	Fitting Tables		8
2	Vices		32
3	Surface blocks	a) Granite	1
4		b) Cast Iron	2
5	Height marking gauges		6
6	V blocks		4
7	Drilling Machines		1

**WELDING SHOP:**

Sl. No.	Name of the equipment	Quantity
1	Welding machines	3
2	Bench Grinders	1
3	Hand Grinder	1
4	Bench Drilling machine	1
5	Acetylene	1
6	Angle Grinder	1
7	High Speed Angle Grinder	1

**CARPENTRY SHOP :**

Sl.No.	Name of the equipment	Quantity
1	Carpentry Tables	7
2	Vices	26
3	Home made circular Saws	3
4	Drilling Machine	1
5	Wood turning lathes	1
6	Sand paper wood polishing attachment to lathe	1

S. No	Name of the Course	Major equipment	Qty
1	Electrical & Electronics Engineering	AE Servo voltage stabilizer, I/P 360-450V	1
2		Main motor generator set 30KVA	1
3		20 KVA control Panel	1
4		Kirloskar motor generator set (Compound motor co generator 3Kw 230V	1
5		Kirloskar motor generator set shunt motor series generator coupled	1
6		Kirloskar motor generator set compound motor AC generator	1
7		Kirloskar make alternator set 3phase 7.5KVA shunt motor AC generator	1
8		Kirloskar motor generator set shunt motor shunt generator	1
9		Schrage motor with starter & accessories	1

10		1 Phase bridge inverter without firing circuit	1
11		3 Phase Mc Murray Bedford inverter	1
12		High voltage transformer 10KVA, 100KV	1
13		Capacitance divider with peak voltmeter	1
14		High voltage shering bridge	1
15		Cyme Power Software	1
16		Mi-Power software 6.0 Version	1
17		Orcad computer software	1
18		Circuit maker 2000 software	1
19		Compaq, Prosignia 300 with automatic server	1
20		Diskless nodes unicom	5
21		HP Brio computer 2.1 GB	3
22		HP Brio computer 400 MHz	2
23		HP Brio computer 400 MHz	1
24		Systronics (Powerscope)	1
25		Digital of linear combined IC tester model MME ADIT 40	1
26		1.5KVA TVS make UPS	1
27		Digital storage oscilloscope, 20MHz	1
28		100Mz, 2 channel oscilloscope, HP make	1
29		Digital storage oscilloscope	1
30		Digital storage oscilloscope & accessories	1
31		Militia media projector	2
32		60 MHz Digital storage oscilloscope	1
33		Smart Board	1
34		Computers (Each)	16
35		Hand Held Oscilloscope	1

## ELECTRONICS AND COMMUNICATION ENGINEERING : MAJOR EQUIPMENT

### 1) Digital Electronics & Microprocessor Lab

Sl.No	Name of the Item	Quantity	Amount
1	Microprocessor Kits	61	2,78,966.00
2	Microcontroller Kits	12	52,000.00
3	IC-Trainers	08	42,577.00
4	IC-Tester	03	47,800.00
5	EPROM Programmers	04	5,000.00
6	EPROM Eraser	03	5,077.74
7	Digital Multimeter	15	17,750.00
8	Oscilloscope	10	1,23,900.00
		Total Rs	5,73,070.74

### 2) Communication Lab:

Sl.No	Name of the Item	Quantity	Amount
1	Spectrum Analyzer	01	6,26,288.00
2	Digital Storage Oscilloscopes	05	6,17,120.00
3	Oscilloscopes	14	3,01,044.00
4	Communication Package	02	18,200.00

5	Power supplies	27	1,27,409.00
6	Function Generators	31	2,08,466.00
7	Microwave Benches	05	5,17,271.00
8	Digital Communication Trainer Kits	04	1,68,000.00
9	Fiber Optic Kits	05	2,44,553.00
10	Radar Demonstration Kits	01	
11	Digital Transmission Analyzer	01	3,29,688.00
12	Power Meters	04	11,783.00
13	Pattern Generator	03	10,215.00
14	Pulse Generator	02	8,700.00
15	Decade Resistance Box	30	40,100.00
16	Decade Inductance Box	30	87,800.00
17	Decade Capacitance Box	22	47,800.00
18	Digital Multimeter	15	17,750.00
19	DB Step Attenuator	01	2,400.00
20	Frequency Counter	03	29,000.00
21	LCR Meter	02	30,700.00
22	Microstrip Antenna with accessories	01	1, 24,157.00
		Total Rs	35,20,625.00

### 3) Basic/Power Electronics Laboratories

Sl.No	Name of the Item	Quantity	Amount
1	Thyristor Modules (Inverter & Converter)	44	57,900.00
2	Rectifier Diode Modules	20	20,600.00
3	Fast Recovery Diode Modules	10	12,400.00
4	Three Phase Firing Circuit Modules	03	29,250.00
5	Single Phase Firing Circuit Modules	08	20,800.00
6	Single Phase Transistorized PWM Converter	01	9,740.00
7	Power MOSFET Chopper	01	6,420.00
8	Power MOSFET Module	10	10,900.00
9	RC Network Module	10	3,600.00
10	LC Commutation Module	03	4,425.00
11	GTO Thyristorised Chopper	01	12,680.00
12	GTO Thyristor Module	06	21,590.00
13	PID Controller	01	18,270.00
14	DC Position Control unit	01	14,200.00
15	Power Scopes	06	1,33,807.00
16	Differential Module	01	8,291.00
17	Dimmer Starts	13	49,404.00
18	Transforms	16	51,763.00
19	Power Supplies	15	51,354.00
20	Oscilloscopes	10	1,03,294.00
21	Decade Capacitance Box	17	43,000.00
22	Digital Multimeter	16	22,000.00
23	Decade Inductance Box	15	21,700.00
24	Decade Resistance Box	15	40,000.00
25	Analog Multimeters	16	53,000.00
26	Rheostats (All ranges)	50	32,400.00
27	Ammeters	28	17,000.00
28	LCR Meter	02	15,700.00
		Total Rs	8,85,488.00

**4) Computer Advanced Micro Processor Lab (Softwares)**

Sl.No	Name of the Item	Quantity	Amount
1	Turbo C Ver 7.00	01	3,100.00
2	Borland C	01	10,200.00
3	NOVEL Netware V 5.1	01	55,450.00
4	IE3D Professional package	01	3,55,000.00
		Total Rs	4,23,750.00

**5) DSP/VHDL Lab (Softwares)**

Sl.No	Name of the Item	Quantity	Amount
1	XILINX Software Foundation Series University including Model Sim	01	42,750.00
2	MAT LAB V 6.0	01	4,25,000.00
3	TMS C5402 With Code Composer Studio	04	91,800.00
4	TMS C5416 With Code Composer Studio	08	2,10,080.00
5	TMS C5416 With Code Composer Studio	02	56,500.00
6	Active VHDL (Single User)	01	5,06,000.00
7	FPGA Advantage (5 User)	01	2,25,000.00
8	DSP Kits TMS 320C50	03	33,022.40
		Total Rs	15,90,102.40

S.No	Name of the Course	Major equipment
1	<b>Computer Science and Engineering</b>	VXL Thin Clients – 25
		Server-02, Desktops-25
		Server-03, Desktops-37
		Desktops-26
		PHY 8230, PHY-102M, PC-DT-0C, DIGITAL IC TESTER, DMM

S.No	Name of the Course	Major equipment
1	<b>Information Science and Engineering</b>	I. Servers - 04 1. Sun Fire Solaris – 01 2. HP Net Server E 800 -01 3. HP TC 2110 - 01 4. Compaq Proliant ML330 – 01
		II. Desktops - 52
		III Thin Clients - 20

S. No	Name of the Course	Major equipment
01	<b>Chemical Engineering</b>	Ball Mill Thickner/Clarifer Temperature Control trainer Control Valve Characteristics Pressure Control Trainer Level Control Trainer Heat Exchanger Computerized Flow Control Trainer Ion pH Meter Bench top Isothermal Semi Batch Reactor Bomb Calorimeter Heavy Duty Air Compressor Reciprocating Pump Test Rig. Vapour Liquid Equilibm. (VLE)

S. No	Name of the Course	Major equipment
	<b>Physics</b>	Cathetometer
		Optical Bench
		Power Supply Regulated
		Spectrometer
		Fuction Generator
		Multimeter Dig.
		OH Projector
		LCD Projector

S.No	Name of the Course	Major equipment
1	<b>Chemistry</b>	Demineraliser Vacuum pump Electronic balance Hot air oven Hot plate Steam bath
2		Conductivity meter, pH-meter, Potentiometer Colorimeter
3		Digital Abbe Refractometer; Make: Atago, Japan (Model - DR-A1) Electronic Analytical Balance Make: Sartorius, Germany (Model – BP 211 D) UV Visible Spectrophotometer Make: Secomam, France (Model Anthelie – Light II) Pervaporation Unit Constant Temperature Water Bath Make: RAAGA, Madras Vacuum Pump Make: Toshniwal, Madras Nitrogen container Make: IBP, Nasik Voltage stabilizer Make: KRYKARD, Madras Incubator

S.No	Name of the Course	Major equipment	Qty
	<b>Mathematics</b>	Computers, P-4, 40 GB	07
		Printers (Laserjet 1020, Dotmatrix 745)	02

## Computer Facilities

S.No	Particulars	Requirements as per Norms (1:4 all undergraduate UG Programmes and 1:2 for MBA/MCA/ PGDM/ PGDBM)	Availability (including MBA)
1.	No of Computer terminals	575 + 30 (MBA)	<b>672</b>
2.	Hardware Specification	----	<b>P-IV : 559, P-III : 05 , Others: 70, Laptop : 38</b>
3.	No of terminals of LAN/WAN	303	<b>600</b>
4.	Relevant Legal Software	----	<b>Application software – 65 System Software - 25</b>
5.	Peripheral(s)/ Printers	60	<b>64</b>
6.	Internet Accessibility (in kbps & hrs)	----	<b>4 MBPS</b>



## d. Sports

### (01) INDOOR GAME FACILITY:

- a) Table Tennis
- b) Carrom
- c) Chess
- d) Badminton Courts at Boys/Girls Hostels
- e) 16 Station multi gym

### (02) OUTDOOR GAME FACILITY:

- a) Cricket
- b) Foot ball
- c) Hockey
- d) Volley Ball
- e) Basket Ball
- f) Kabaddi
- g) Kho Kho
- h) Ball Badminton
- i) Throw ball
- j) Athletic (400 mtrs, 8 lines standard Track)
- k) Tennis

### (03) INDOOR GAME BUILT UP AREA: 1000 Sft.

### (04) OUTDOOR GAMES GROUND AREA: 3.50 Lakhs Sft.

### (05) SPORTS BUDGET ( Last three years):

Year	Budget allotted in Rs.	Spent
2004-05	1,00,000	1,00,000
2005-06	1,00,000	1,00,000
2006-07	1,00,000	1,00,000
2007-08	1,20,000	1,30,000
2008-09	1,00,000	1,50,000

**(06) MAJOR SPORTS EVENT CONDUCTED**

- (01)** During 2003, SDMCET hosted the VTU State Level Cross Country race for Men and Women.
- (02)** During 2004 – 05, our institution hosted the VTU State level Athletic Meet for Men and Women.
- (03)** During 2005-06, SDMCET hosted the VTU State level Kabaddi Tournament for Men.
- (04)** During 2006-07 & 2007-08, SDMCET hosted the State Level Men & Women Volley Ball Tournaments.
- (05)** During 2008 – 09 SDMCET hosted the State Level Flood Light Volleyball (Men and Women) and Cricket Tournament (20-20).

**(07) ANNUAL SPORTS MEET :**

Since 1994 onwards SDMCET is conducting the Annual Sports Meet for our College students.

**(08) LIST OF UNUNIVERSITY BLUES :**

Sl.No	Name	Dept.	Sports		Year
1.	Satyanarayana	CSE	Chess	VTU Blue	1998
2.	Harjeevan Shetty	Mech.	Athletic	VTU Blue	1999
3.	Vidyasagar	MCA	Volley Ball	VTU Blue	2000
4.	Sishir Shetty	ISE	Volley Ball	VTU Blue	2000
5.	Suraj Shetty	CSE	Volley Ball	VTU Blue	2000
6.	Nikhil Koushik	E&C	Basket Ball	VTU Blue	2000
7.	Llood	Mech.	Basket Ball	VTU Blue	2000
8.	Nithin Jadar	Mech.	Cricket	VTU Blue	2004
9.	Subramanya Bhat	Mech.	Cricket	VTU Blue	2004
10.	Seema Navle		Basket Ball	VTU Blue	2006
11.	Reetesh Hegde	Mech.	Kabaddi	VTU Blue	2005
12.	Rathis Hegde	Mech.	Weight Lift	VTU Blue	2005
13.	Shashidhar	CSE	Volley Ball	VTU Blue	2006
14.	Vinay S	Mech.	Volley Ball	VTU Blue	2006
15.	Sharanappa Gouda Patil		Basket Ball	VTU Blue	2006
16.	Karthik Yadiur	Mech.	Volley Ball	VTU Blue	2005
17.	Prakash M. N		Kabaddi	VTU Blue	2006
18.	Pratik H	2/Sem	Table Tennis	VTU Blue	2006
19.	Tanu B.	Mech.	Cricket	VTU Blue	2008
20.	Prasanna Prabhu	E&C	Volley Ball	VTU Blue	2008
21.	Anant Shastri	CSE	Volley Ball	VTU Blue	2008
22.	Pratik H	E&E	Table Tennis	VTU Blue	2008
23.	Rohit N R	Mech	Table Tennis	VTU Blue	2008

### e. Extra curricular activities

Following are the annual regular extra/Co curricular activities conducted in various departments of the college. Apart from these each department organizes guest lectures, invited talks from industries and reputed academic institutes.

Sl.No	Name	Nature of Activity
01	Fantasia	State level intercollegiate Cultural Competition held for two day every year- College level Activity.
02	Techno scope	State level inter collegiate students technical paper presentation, Quiz and innovative ideas (ISTE , students chapter sponsored event) - College level Activity.
03	Automata	State level 'C' & Linux proficiency Contest. (Industry Sponsored).- Activity of the CSE & ISE Departments.
04	Troubleshoot	State level inter collegiate Electrical / Electronics Circuit hardware debugging competition. Activity of the Electrical Department.
05	Spring fest/ Fiesta	In-home cultural competition.

## f. Soft Skill development facilities

The facilities available in the Institution are

- ❖ English Language Lab
- ❖ Infosys trained faculty soft skill development
- ❖ A comprehensive soft skill development program

## g. Training & Placement :

Total no. of students placed by the Institution through its Placement Cell  
(Discipline wise)

Year	Department	Total no. of students passed out (last 3 years)			Total no. of students placed through placement cell No of Offers Made			
		2007	2008	2009	2007	2008	2009	Total
2007-2009	Civil	26	28	40	21	20	6	47
	Mechanical	79	73	96	51	35	17	103
	E&E	49	55	71	17	25	8	50
	E&C	115	112	129	91	115	31	237
	CSE	97	97	96	76	77	35	188
	Chem	21	12	17	8	9	2	19
	ISE	26	31	33	11	29	5	45
	TOTAL				275	310	104	689

**Details of companies / Industries, which visited the institute for placement since the last three years.**

Sl.no	Name of the company/Industry	Year Number of Students placed		
		2009	2008	2007
1	iGATE		1	1
2	Novellus Technologies	2	1	1
3	Neil soft pune		1	1
4	Areva T&D India Ltd		1	1
5	Divgi Warner Pune		1	3
6	S7 Software	2	1	
7	Ahluwalia Constructions		1	
8	Grasim Industries		1	
9	GINA Engineering		1	
10	Vayavya Tech Labs		1	
11	TMI Infotech		1	
12	Chougule,s GOA		1	
13	JMC Project		2	1
14	Robosoft Ltd.		2	2
15	Mangalore Chemical Fertilizers	2	2	4
16	PSPL		2	12
17	Sapient		2	
18	SNC Corporations		2	
19	T-Systems, Pune		2	
20	EMCO Thane		2	
21	Binary Spectrum Bangalore		2	
22	Tata Elxsi		3	1
23	Confident Group		3	1
24	Suvidha Engineers Pune	1	3	
25	L&T Infotech		4	3
26	Mphasis Ltd		4	
27	L&T ECC	8	5	2
28	Sonata Software		5	
29	QUEST Global Tech	3	6	1
30	Acuvate		6	
31	Vishal Infrastructures		6	
32	Infosys	46	7	24
33	Siemens		7	
34	Union Signal & Switches		9	

35	IBM		10	
36	KPIT Cummins Infosystems Pune		12	5
37	Accenture		13	
38	MindTree Consulting	10	18	40
39	Wipro BPO		24	
40	Caritor		34	4
41	Wipro		43	3
42	Cognizant Technologies	2	58	59
43	Rishi Laser Cutting			0
44	B.L Kashyap & Sons			1
45	Purvankar Projects Ltd, Bangalore			1
46	Honeywell			1
47	SOBHA Developers			1
48	SUBEX Technologies Bangalore			1
49	Mahindra Engineering			1
50	Torsteel			1
51	UKN Properties pvt ltd			1
52	Shankara Narayan Constructions			1
53	Brigade Group			1
54	Lifetree convergence			1
55	TVS Harita			1
56	Able Design Technologies			1
57	SLK Soft			2
58	Sankalp Semi Conductor	1		2
59	THBS			2
60	AGILE Software			2
61	SATYAM COMPUTERS			3
62	Karnatak State Police hsg			3
63	Enercon India Bargaalre			3
64	Jindal Vijaynagar Steel			3
65	AFCON Mumbai			4
66	J.K Cement			4
67	GCI Solutions			5
68	GATI Logistics			5
69	Sycone Group			5
70	Toyoda Kirloskar			5
71	Aztec computers			9
72	Levino-Kapur Cotton Mills Mumbai			9
73	HCL Technologies			27

74	Tesco HSC	9		
75	Spicer India	2		
76	TEBMA Shipyard	1		
77	Renuka Sugars	4		
78	Cambridge Solutions	11		
	<b>Grand Total</b>	<b>104</b>	<b>310</b>	<b>275</b>

## h. Transportation

:

**For the Year-2008-09**

SI-No.	Vehicle Type	Date of Purchase	Capacity	Usage/Remarks
1	CAR	26-02-2007	3+1	Principals official usage
2	Chevrolet Trevera	2008	8+1	For MBA office use
2	TEMPO	22-02-2007	12+1	For Community Services
3	BUS	21-02-2007	48+2	For Students transportation
4	BUS	31-05-2006	48+2	For Students transportation
5	BUS	07-11-2005	48+2	For Students transportation
6	BUS	16-10-2002	48+2	For Students transportation
7	BUS	14-10-1991	48+2	For Students transportation
8	SCORPIO	19-08-2005	8+1	For official purpose
9	TATASUMO	27-04-2000	8+1	For official purpose
10	3 Wheeler	02-04-2004	-	For Goods Transportation

**Policies:** Round the clock the vehicle is available for any medical emergency

## **i. Medical**

:

All the employees of SDMCET and their family members and students are covered under “SDM Health Care Scheme” of the SDM College of Medical Sciences & Hospital Dharwad at the minimal premium. Members are covered to the extent of Rupees 25,000 to 1 lakh.

### **Benefits under SDM health Care Scheme are as below:**

#### **A. Out-patient benefits:**

1. Consultation, Examination
2. Investigations – 80% free except drug & material cost
3. Physiotherapy treatment

#### **B. In-patient benefits:**

1. Admission fee, Consultation, Examination, Advice, Nursing Services, Physiotherapy treatment – free of cost.
2. All investigation except CT & MRI
3. Operations, Procedures, Bed, All ICU Charges, Casualty, Pre & Post operative charges, Labor Theatre charges and all non consumable charges – free.
4. CT scan, MRI, Dialysis, Dental, Ayurveda & Cosmetics Procedures – 30% concession.
5. No Discount on Pharmacy & drugs, Blood, Diet, Medical Gases , Ventilator, Mortuary, Anaesthesia, Radiation therapy and other consumables.
6. Maternity benefit available for the first two deliveries provided both spouses are enrolled.  
For plan Single – M.T.P and maternity benefit excluded.
7. In case health care card holder occupies a higher type of ward than his/her grade, he/she has to pay the difference in the bill of the ward he occupies.



**j. Hostel**

:

Sl- No.	Hostel Name	Capacity : No. of Beds	Area in Sq Mt.	Usage: Boys/Girls
1	Neetravati	300	4975	Boys
2	Sharavati	252	4210	Girls
3	Shalmala	234	3988	Boys
<b>TOTAL</b>		<b>776</b>	<b>13,173</b>	

**Admission Policies:**

1. Preference given to outstation students.
2. For senior students, past performance in the hostels is the criterion.
3. More no of seats for first year students.
4. Many a times, merit is the criteria for hostel admission.
5. Students are given liberty to choose their room mates.
6. Admission on first come first served basis.

**Rules and Regulations:**

1. Ragging of any kind is strictly prohibited.
2. Smoking, consumption of drugs and alcohol not allowed.
3. No entry to hostels after the stipulated time during night.
4. Students penalized for violating hostel rules.

**Facilities:**

1. 24 hour water and electricity.
2. Hot water in the morning and in evening for bathing purpose.
3. Spacious dining hall, clean and hygienic food.
4. Furnished students rooms.
5. Color TV with cable connection at each hostel.
6. Guest rooms for the benefit of alumni, parents, guests & examiners.
7. Aqua guard water purifier, water cooler at each hostel.
8. MultiGym at Netravati Hostel.
9. Internet facilities through Wi-Fi connectivity.

**k. Quarters**

:

Principal's Quarters is available in the campus with the area of 270.42 sq.mts.

**Quarters for Staff**

:

- Land is earmarked.
- 95% of the staff members are from local and they stay in their own house.

**l. Recreation**

:

Separate recreation room is available with the following facilities.

1. Reading room.
2. Kannada & English news papers and magazines.
3. Indoor and Outdoor game facilities

**m. Class Rooms, Seminar Halls/ Reading rooms**

:

a) Available Built – Up Area per students : 11.72 sq. mtrs

b) Total Built up area for the existing programme(s)

Particulars	Area required as per norms (sq.m / student)	Building with RCC Roof (Sq.m.)	Building with Sheet Roof (if suitable for Ednl. Institution) (Sq.M)	Total sanctioned Intake (last 4 years for Engg.)	Built Up area per student	Total Area (Sq.M.)
Instruction Area (Carpet Area)	6	14657	--	2354	6.22	14657
Administrative Area (Carpet Area)	1	3027	--	2354	1.28	3027
Amenities Area (Carpet Area)	2	4808	--	2354	2.04	4808
Circulation & Other Area (*)	2.7	7128	1849	2354	3.81	8977
Total	11.7	29620	1849	2354	13.35	31469

**Note: 1. Building under construction : 1392.91**

**SUMMARY:**

Sl. No.	Facility Description	Numbers/Remarks.
1	Class Rooms	46
2	Reading Rooms	02
3	Seminar Halls	02
4	Conference Halls	02
5	Auditoriums	02
6	Recreation Room	01
7	Administrative Block	Sufficient space available. It also includes space for Deans, Public Relation Officer, and Examinations.
8	Common Computing Facility- CCF	Separate Block is built for computer center
9	HOD & Staff Rooms	Sufficient space available
10	Training & Placement Cell	Separate Block with the provision to conduct meeting, Interview and Test is available.
11	Library	01 @ college level + Every Department has its own library setup
12	Laboratory Space	Every Department has sufficient Laboratory space required as per curriculum-
13	Browsing Center	With capacity of 35 Machines.
14	Space for Science Departments: Physics, Chemistry & Maths	Sufficient Space for: HOD, Staff & Laboratory available.
15	Post Office	01
16	Bank	01
17	Canteen/Fast Food	02
18	Bakery	01
19	Hostels	03
20	Cooperative Store	01
21	Sports room	01
22	Power House- Generator Room	01
23	Electrical Maintenance Room	01
24	Vehicle Parking Place	03
25	Xerox Room	01
26	Rest Room- Ladies	01

## **n. Auditorium**

:

Two Auditorium blocks having the Seating Capacity of 800 and 200 are used for various activities at the college / department levels. The activities includes the following:

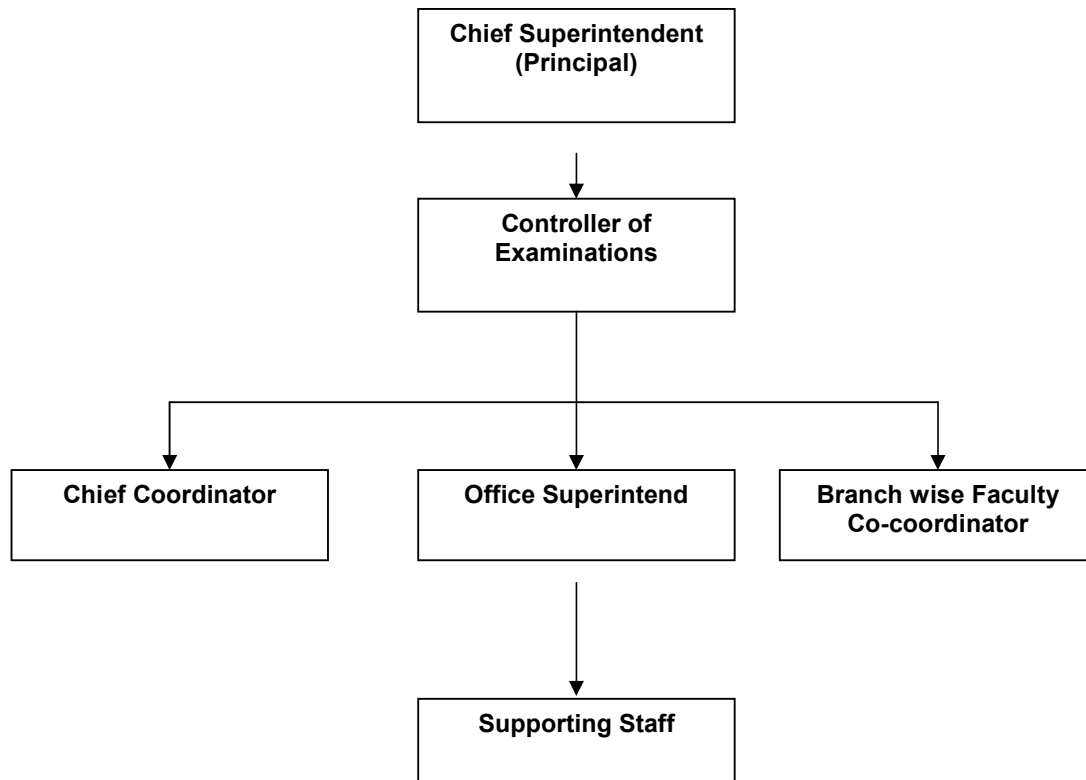
- Student and Parents meet – First year students welcome function.
- Technical competitions.
- Social gatherings.
- Conferences.
- Student's farewell.
- Extra curricular activities etc.

The Auditorium also includes green room facility and a few guest rooms with AC facility.

**o. Examination Facilities**

:

Sl.No	Resource Type	Details
1	Office Room-1	150 Sq. mtrs
2	Strong Room-1	60 Sq. mtrs
3	Meeting Room-1	30 sq. mtrs
4	Store Room-1	30 sq. mtrs
5	Paper Valuation Rooms.	60 sq. mtrs
6	Xerox Machines.	2 Nos
7	Fax Machines	1 Nos
8	Computers	03 – P4 machines with IBM Server 10 - Laptop
9	Laser Printers	01 No
10	Dot Matrix	01 No
11	Deputy Controller Room	25 sq. mtrs
12	Controller of Examinations	30 sq. mtrs
13	Confidential Room	50 sq. mtrs.

**Organizational Chart:**

**Other Facilities Available:**

- Centre for Industry Institute Interface (CIII) – Under this cell we conduct regular training for the students and guest lectures from experts (Industry).
- Entrepreneurial Development Cell (EDC)
- Intellectual Property Right Cell (IPR)
- Guidance & Counseling Cell (GCC)
- NSS Activities
- Internet Facility

**Teaching Learning Process**

- **Academic Calendar** :

- **Syllabus** : } Enclosed Syllabus
- **Internal Evaluation Scheme** : } & Brochure

- **Teaching Load** :

SI- No.	Cadre	Teaching Load in Hours per week
1	Principal / Director	4
2	Professor	8
3	Asst. Professor	12
4	Lecturer	16

**Post graduation Programme :**

Title of the Programme & Curriculam

1. M.Tech (Digital Electronics)
2. M.Tech (Engg. Analysis & Design)
3. M.Tech (Structural analysis & Design)

Faculty Profile : submitted under Compliance Report

Laboratory facilities : submitted under Compliance Report