

Mandatory Disclosure

Engineering Programmes

I. NAME OF THE INSTITUTION

- Address including telephone, Fax, e-mail.

**VIGNAN'S FOUNDATION FOR
SCIENCE, TECHNOLOGY & RESEARCH**

Guntur Dist – 522 213.A.P.

Ph: 0863 – 2534646, 2534645

Fax: 0863 – 2534468

Email: info@vignanuniversity.org

II. NAME & ADDRESS OF THE CHANCELLOR

Dr. L. Rathaiah

5-37-213, 4/7 Brodipet

Guntur

- Address including telephone, Fax, e-mail.

Ph: 0863 – 2231326, 2234805

Fax: 0863 – 2534468

Email: lrathaiah@yahoo.com

III. NAME OF THE AFFILIATING UNIVERSITY

NA

IV. GOVERNANCE

- ❖ Members of the Board and their brief background

(a) Board of Management

- i. Chairman of the University

Dr. L. Rathaiah

- ii. Vice Chancellor of the University

Dr. K. Vizaya Kumar

- iii. Director of Faculty by rotation and seniority

Dr. K.V.N. Srinivasa Rao, Director, Directorate of Engineering & Technology

- iv. Three nominees of the Chairman of the Institute

1. P. Koteswara Rao,
Executive Director, Vignan Group.

2. N. Chowdhary
Chairman, NATCO.

3. Dr. Y. Sarat,
Director, Allatus, Hyderabad.

- v. One nominee of the Chairman, UGC

Dr. S.C. Sharma,

Vice-Chancellor,

Tumkur University,
1st Floor, Dr.B.R. Ambedkar Bhawan,
M.G.Road, Tumkur-572101 (Karnataka)

vi. One nominee of the MHRD, Government of India

vii. Two members nominated by Board of Governors

1. Dr. PVGD Prasad Reddy
Registrar, AU, Visakhapatnam.

2. L. Krishna Deva Rayalu
Member, BOG, Vignan University.

viii. Three members to be co-opted by the Board of Management

1. Prof. R. V. Rajakumar,
IIT, Kharagpur,
2. A. Bapanna,
MD, Kalajyothi Prints & Publishers.
3. Dr. T. Hanuman Chowdhary
Director, CTMS, Hyderabad.

ix. Three Faculty members (Professor, Associate Professor, Assistant Professor)

1. Dr. K.Venkata Rao
2. Ms. A.Sharada
3. Mr.C. Bharadwaj Kumar

x. The Registrar (Member Secretary)

Dr. C. Narendar Reddy

❖ Members of Academic Council

(b) Academic Council

1. Vice-Chancellor of the University - **Chairman**

Dr. K. Vizaya Kumar

2. Directors of the University.

4. Dr. K. V. N. Srinivasa Rao - Director, Directorate of
Engineering and Technology
- Director, Academics & HRD
5. Dr. B. Seetharamnjaneyulu - Director, Research & Consultancy
6. Dr. R. Venkatnath - Director, Admissions

7. Dr. D. Venkata Rao - Director of Registration & Evaluation
3. Heads of the Departments of the University.
 1. Dr. G. Radhakrishna Murthy - HOD, EEE
 2. Dr. D. Venkata Rao - HOD, ECE
 3. Dr. R. Venkatanath - HOD, Biotechnology
 4. Dr. M. Srinivasulu - HOD, BS&H
 5. Dr. P. Srinivasa Reddy - HOD, MBA
 6. Prof. K.V. Krishna Kishore - HOD, CSE
 7. Mr. P. Ashok Kumar - HOD, Chemical
 8. Mr. P.B.G.S.N. Murthy - HOD, Mechanical
 9. Mr. A. Raghu Nath - HOD, IT
 10. Mr. A. Prasad - HOD, MCA
4. Ten Professors other than the Heads of the Departments
 1. Dr. G. Kesava Rao
 2. Dr. K. Venkat Rao
 3. Dr. Puvvada Ramesh
 4. Dr. M. Ramjee
 5. Dr. K. Alice Mary
 6. Dr. K. Thammi Reddy
 7. Dr. Y. Srinivas
 8. Dr. A. Suresh
 9. Dr. P. Sudharka Rao
 10. Dr. M. Venkata Rao
5. Three Associate Professors from the Departments other than the Heads of the Department.
 1. Mr. K. Phaneendra Kumar
 2. Mr. K. Hemantha Kumar
 3. Mr. T. Pitchaiah
6. Three persons from amongst educationists university of repute or persons from any other field related to the activities of the university who are not in the service of the Institute.
 1. Prof. SC. Bose, IIT, Bombay
 2. Dr. G. S. Raju,
Former Director, IT, B.H.U, Varanasi

7. Three persons who are not members of the teaching staff co-opted by Academic Council

1. Dr. K. Babu Rao
Director, NAVAYUGA INFOTECH
2. Dr. M. N Rao,
Former Director, NITTTR, Chennai.
3. Sri A. N. Dave,
Regional Executive Director (South),
N. T. P. C. Ltd., SECUNDRABAD.

8. Registrar (Member Secretary)

Dr. C. Narendar Reddy

(c) Planning & Monitoring Board

1. Vice Chancellor – **Chairman**
Dr. K. Vizaya Kumar
2. All Directors of the University
 1. Dr. K. V. N. Srinivasa Rao - Director, Directorate of Engineering & Technology and Director, Academics & HRD
 2. Dr. B. Seetharamjaneyulu - Director, Research & Consultancy
 3. Dr. R. Venkatnath - Director, Admissions
 4. Dr. D. Venkata Rao - Director of Registration & Evaluation
3. Nominee of the UGC.
Dr. R.G. Sonkawade,
Scientist,
Inter University Accelerator Centre (IUAC),
Aruna Asaf Ali Marg, Near Vasant Kunj,
Post Box No.10502, New Delhi-110067.
4. External Experts.
 1. Dr. P. V. D. Somasekhar
Director (R&D) JNTU, HYDERABAD.
 2. Prof. R. K. Mishra,
Director, APE, Hyderabad.
5. Registrar (Member Secretary)

Dr. C. Narendar Reddy

(d) Finance Committee

The Finance Committee shall consist of:

1. Chairman of the Institute - **Chairman**

Dr. L. Rathaiah

2. Vice Chancellor

Dr. K. Vizaya Kumar

3. One nominee of the Chairman

1. L. Krishna Deva Rayalu

Member, BOG, Vignan University

4. Two nominees of the Board of Management, one of whom shall be a member of the Board.

1. Mr. Punnaiah Chowdary, Chartered Accountant,

2. Dr. Y. Sarat, Director, Allatus, Hyderabad.

5. One nominee of the UGC

Dr.K.C. Pathak,

Joint Secretary,

University Grants Commission,

Bahadur Shah Zafar Marg,

New Delhi-110 002.

6. One nominee of the Central Government / State Government.

7. The Registrar (Member Secretary)

Dr. C. Narendar Reddy

8. Finance Officer - Deputy Secretary

Mr. K.Gopala Rao

- ❖ Organizational chart and processes

Enclosed in Exhibit -1

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

Director, Directorate of Engineering and Technology conducts meetings

HODs conduct departmental review meeting and involve faculty and students in academic affairs.

- ❖ Mechanism/Norms & Procedure for democratic/good Governance
Academic decisions are taken in HODs meeting in a democratic way
- ❖ Student Feedback on Institutional Governance/faculty performance
There is a student feedback mechanism based on which faculty performance is assessed and improvements made.
- ❖ Grievance redressal mechanism for faculty, staff and students
There is a grievance redressal mechanism installed in the college to redress the grievance of faculty staff and students

V. PROGRAMMES

- ❖ Name of the Programmes approved by the AICTE / UGC
Under Graduate Programmes

1. Chemical Engineering
2. Computer Science and Engineering
3. Electronics & Communication Engineering
4. Electrical and Electronics Engineering
5. Information Technology
6. Mechanical Engineering
7. Bio-Technology
8. Civil Engineering
9. Mechatronics

Post Graduate Programmes

1. M.Tech (Chemical Engineering)
2. M.Tech (Machine Design)
3. M.Tech (Power Electronics & Electric Drives)
4. M. Tech (Computer Science and Engineering)
5. M.Tech (Information Technology)
6. M.Tech (Embedded Systems)
7. M.Tech (VLSI)
8. M.Tech (Bio-Technology & Bio-Process Engineering)
9. Master of Computer Applications (MCA)
10. Master of Business Administration (MBA)

- ❖ Name of the Programmes accredited by the AICTE / UGC

B. Tech Programmes with Six specializations in CHEM, CSE, ECE, EEE, IT and MECH are Accredited by AICTE

- ❖ For each Programme the following details are to be given:
 - Name : **Bio-Technology**
 - Number of seats : **20**

- Duration : **4 Years**
- Cut off mark/rank for admission during the last three years **General category**
2008-09 : 90671; 2007 – 08 ; 94680; 2006 – 07 : 99631;
- Fee : **As approved by State Government**
(‘A’ Category - Rs. 86200/- ‘B’ Category – Rs.1,75,000/-)
- Placement Facilities - **placement cell is functioning**
- Campus placement in last three years with minimum salary, maximum salary and average salary -
Nil

- Name : **Civil Engineering**
- Number of seats : **40**
- Duration : **4 Years**
- Cut off mark/rank for admission during the last three years **General category**
2008-09 : 35024;
- Fee : **As approved by State Government**
(Convenor - Rs. 30200/- Management – Rs.91700/-)
- Placement Facilities - **placement cell is functioning**
- Campus placement in last three years with minimum salary, maximum salary and average salary -
running from the academic year 2008-09 only

- Name : **Chemical Engineering**
- Number of seats : **20**
- Duration : **4 Years**
- Cut off mark/rank for admission during the last three years **General category**
2008-09 : 69403; 2007 – 08: 89885; 2006 – 07 : 45303;
- Fee : **Approved by State Government**
(Convenor - Rs. 33200/- Management – Rs.94700/-)
- Placement Facilities - **placement cell is functioning**
- Campus placement in last three years with minimum salary, maximum salary and average salary
Minimum Salary – 7000, Maximum Salary – 22,000, Average Salary - 14500
57 were placed through placement cell

- Name : **Computer Science and Engineering**
- Number of seats : **120**
- Duration : **4 Years**
- Cut off mark/rank for admission during the last three years
2008-09 :8624; 2007 – 08 : 9523; 2006 – 07 : 9554;
- Fee : **Approved by State Government**
(Convenor - Rs. 33200/- Management – Rs.94700/-)
- Placement Facilities - **One placement cell is functioning**
- Campus placement in last three years with minimum salary, maximum salary and
average salary
Minimum Salary – 14000, Maximum Salary – 25,000, Average Salary - 14500
147 were placed through placement cell

- Name : **Electronics and Communication Engineering**
- Number of seats : **420**
- Duration : **4 Years**
- Cut off mark/rank for admission during the last three years

- **2008 – 09 :4329 ; 2007 – 08 : 9375; 2006 – 07 : 7408;**
- **Fee : Approved by State Government**
(Convenor - Rs. 33200/- Management – Rs.94700/-)
- **Placement Facilities - One placement cell is functioning**
Campus placement in last three years with minimum salary, maximum salary and average salary
215 were placed through placement cell
- **Name : Electrical and Electronics Engineering**
- **Number of seats : 120**
- **Duration : 4 Years**
- **Cut off mark/rank for admission during the last three years**
2008 – 09 :13718 ; 2007 –08 : 15187; 2006 – 07 : 14751;
- **Fee : Approved by State Government**
(Convenor - Rs. 33200/- Management – Rs.94700/-)
- **Placement Facilities - One placement cell is functioning**
Campus placement in last three years with minimum salary, maximum salary and average salary
84 were placed through placement cell
- **Name : Information Technology**
- **Number of seats : 60**
- **Duration : 4 Years**
- **Cut off mark/rank for admission during the last three years**
2008 – 09 : 21849 ; 2007 – 08 : 19286; 2006 – 07 : 22418;
- **Fee : Approved by State Government**
(Convenor - Rs. 33200/- Management – Rs.94700/-)
- **Placement Facilities - One placement cell is functioning**
Campus placement in last three years with minimum salary, maximum salary and average salary
160 were placed through placement cell
- **Name : Mechanical Engineering**
- **Number of seats : 180**
- **Duration : 4 Years**
- **Cut off mark/rank for admission during the last three years**
2008-09 :19318; 2007 – 08 : 77989; 2006 – 07 : 32503;
- **Fee : Approved by State Government**
(Convenor - Rs. 33200/- Management – Rs.94700/-)
- **Placement Facilities - One placement cell is functioning**
Campus placement in last three years with minimum salary, maximum salary and average salary
84 were placed through placement cell
- **Name : Mechatronics**
- **Number of seats : 60**
- **Duration : 4 Years**
- **Cut off mark/rank for admission during the last three years**
Course is running from the academic year 2009-10.
- **Fee : Approved by University**
(‘A’ & ‘B’ category – Rs. 86,000/-)
- **Placement Facilities - One placement cell is functioning**

Campus placement in last three years with minimum salary, maximum salary and average salary

- ❖ 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:
Details of the Foreign Institution/University:
 - Name of the University/Institution
 - Address
 - Website **Not applicable**
 - Is the Institution/University Accredited in its Home Country
 - Ranking of the Institution/University in the Home Country
 - Whether the degree offered is equivalent to an Indian Degree? If yes, the name of the agency which has approved equivalence. If no, implications for students in terms of pursuit of higher studies in India and abroad and job both within and outside the country.
 - Nature of Collaboration
 - Conditions of Collaboration
 - Complete details of payment a student has to make to get the full benefit of collaboration.
- ❖ For each Collaborative/affiliated Programme give the following:
 - Programme Focus
 - Number of seats **Not applicable**
 - Admission Procedure
 - Fee
 - Placement Facility
 - Placement Records for last three years with minimum salary, maximum salary and average salary
- ❖ Whether the Collaborative Programme is approved by AICTE? If not whether the Domestic/Foreign Institution has applied to AICTE for approval as required under notification no. 37-3/Legal/2005 dated 16th May, 2005

VI. FACULTY

- ❖ Branch wise list faculty members:


Permanent Faculty: Student Ratio **1: 15**

Enclosed at Annexure

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

Year	Employed	Left
2005-06	31	21
2006 07	65	25
2007-08	115	55

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

Name	Vizayakumar Karumanchi 
Designation	Vice - Chancellor
Department	-
Date of Birth	15-07-1948
Educational Qualification	Ph.D
Work Experience	
Teaching	32 Years
Research	4 Years
Industry	-
Administration	7 ½ Years
Area of Specialization	Strategic planning, Operations Management, Technical and Environmental Management, quality Management, Systems Modeling and Decision Analysis, System Dynamics
Subjects teaching at Under Graduate Level	Industrial Management, work system Design and Human factors Engg. Work Measurement and Compensation Schemes, Production Planning and Control, Engineering Economics, Technology Impact Analysis, Management & Productivity
Subjects teaching at Post Graduate Level	Production Planning and Inventory Control, work system design, system Dynamics and policy Planning, Technology Forecasting and Assessment, Environmental Impact Analysis and Management, Technology Management, Total Quality Management.
Research guidance	7 Completed – 5 ongoing
No. of papers published in International Journals	17
No. of papers published in National Journals	5
No. of papers presented in Conferences	55
Projects Carried out	12
Patents	-
Technology Transfer	-
Research Publications	12
No. of Books published with details	1 book + 5 Monographs.
e-mail address	vc@vignanuniversity.org
Date of Appointment	05.06.2009.

VIII. FEE

❖ Details of fee,

**Tuition Fee: Rs. 86,000/- for 'A' Category seat (Counseling) and
Rs. 1,75,000/- for 'B' category seat (Management)**

- ❖ Time schedule for payment of fee for the entire programme.

At the time of commencement of academic year

- ❖ No. of Fee waivers granted with amount and name of students.

Nil

- ❖ Number of scholarship offered by the institute, duration and amount

Fee waiver for B.Tech students

First Year – Fee waiver			
Marks Range	No. of Students	Fee waiver per student	Total
Above 300	1	86,000	86000
275 to 299	2	43,000	86000
250 to 274	3	21,500	64500
225 to 249	7	10,750	75,250
Total			3,11,750

II, III and IV year – Fee waiver		
Branch	Total Intake	No. of Students for Fee waiver
ECE	420	21
EEE	120	6
Mechanical	180	9
CSE	120	6
Civil	40	2
Mechatronics	60	3
IT	60	3
Chemical	20	1
Bio-Tech	20	1
Total		52

- For top 5% of each class are eligible for 100% fee waiver during II, III and IV
- * fee waiver for 52 students during II, III and IV years = $52 \times 3 \times 86,000 = 1,34,16,000/-$
- * Total Fee waiver = First year + II, III and IV year fee waiver = Rs. 3,11,750 + 1,34,16,000 = Rs. 1,37,27,750/-

- ❖ Criteria for fee waivers/scholarship. **Not applicable.**
- ❖ Estimated cost of Boarding and Lodging in Hostels. Rs. 35,000/- P/a.

IX. ADMISSION

- ❖ Number of seats sanctioned with the year of approval.

Total 810 seats sanctioned for the academic year 2008 – 09 (PG & UG courses)

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

Sl.No	Discipline	Sanctioned intake	Enrolment during 2008 – 09														
			Men					Women					Total				
			SC	ST	BC	OTH	NRI	SC	ST	BC	OTH	NRI	SC	ST	BC	OTH	NRI
1	CHEM	30	1	-	-	12	1	-	-	1	9	-	1	-	1	21	1
2	CSE	120	7	3	17	32	14	7	2	8	18	8	14	5	25	52	22
3	ECE	120	10	4	17	31	15	4	1	13	14	7	14	5	30	47	22
4	EEE	30	2	1	6	7	3	1	-	3	7	3	3	1	9	14	6
5	IT	90	7	1	15	21	9	6	-	9	11	6	13	1	24	32	15
6	MEC	60	9	-	20	11	4	1	-	-	6	-	10	-	20	17	4
7	Bio-Tech	60	-	-	2	17	-	2	-	-	15	-	2	-	2	32	-
8	Civil	60	-	-	3	1	10	3	-	7	12	5					

Sl.No	Discipline	Sanctioned intake	Enrolment during 2007 – 08														
			Men					Women					Total				
			SC	ST	BC	OTH	NRI	SC	ST	BC	OTH	NRI	SC	ST	BC	OTH	NRI
1	CHEM	60	3	-	1	18	1	-	-	2	17	2	5	1	7	31	3
2	CSE	90	-	1	21	31		1	1	8	14	6	14	3	21	31	14
3	ECE	120	11	3	24	40		4	2	16	19	3	17	5	31	47	18
4	EEE	60	4	1	11		2	-	1	-	5	2	8	3	15	25	6
5	IT	90	8	2	3	24	5	1	-	3	17	7	1	-	6	41	12
6	MEC	60	6	-	5	37	8	-	-	-	8	-	5	-	5	45	8

Sl.No	Discipline	Sanctioned intake	Enrolment during 2006 – 07														
			Men					Women					Total				
			SC	ST	BC	OTH	NRI	SC	ST	BC	OTH	NRI	SC	ST	BC	OTH	NRI
1	CHEM	60	4	-	5	19	1	1	1	2	12	2	5	1	7	31	3
2	CSE	90	10	1	15	21	8	4	2	6	10	6	14	3	21	31	14
3	ECE	120	11	4	21	30	15	6	1	10	17	3	17	5	31	47	18
4	EEE	60	5	3	10	17	4	3	-	5	8	2	8	3	15	25	6
5	IT	90	-	-	3	24	5	1	-	3	17	7	1	-	6	41	12
6	MEC	60	5	5	5	37	8	-	-	-	8	-	5	-	5	45	8

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

For the academic year 2008– 09 -application received 100 and filled – 90

For the academic year 2007 – 08 – application received 90 and filled – 70

❖ Calendar for admission against management/vacant seats:

- Last date for request for applications.

- Last date for submission of application.
 - Dates for announcing final results.
 - Release of admission list (main list and waiting list should be announced on the same day)
 - Date for acceptance by the candidate (time given should in no case be less than 15 days)
 - Last date for closing of admission.
 - Starting of the Academic session.
 - The waiting list should be activated only on the expiry of date of main list.
 - The policy of refund of the fee, in case of withdrawal, should be clearly notified.
- ❖ Describe each criteria with its respective weightages i.e. Admission Test, marks in qualifying examination etc.
 - ❖ Mention the minimum level of acceptance, if any.
 - ❖ Mention the cut-off levels of percentage & percentile scores of the candidates in the admission test for the last three years.
- 40 % is the cut off Mark for the admission test**
- Display marks scored in Test etc. and in aggregate for all candidates who were admitted.

X. Admission Procedure

In tune with the stated Vision of making Vignan University into a Center of Excellence, it was resolved, in one of the first of Governing Body meetings, that the top most priority would be given for merit while granting admissions into the University.

To fulfill this objective the following was agreed upon

FOR U.G. COURSES

- 50% of the total intake is to be made through All India Engineering Entrance Examination (AIEEE).
- 80% of admissions of the latter 50% of the seats (into 'A' Category) would be carried out in the order of merit through V-SAT.
- 20% of admissions of the remaining 50% seats ('B' Category) would be carried out based on the eligibility criteria of a minimum of 60 marks in V- SAT, 60% in the qualifying +2 level examination.

Conduction of V-SAT

Phase I: On-line Test

1. Notification for On-line test with complete information about courses offered, fee particulars and eligibility criteria is issued in the print media on 21-03-2009 as well as posted on Vignan University website.
2. Applications are downloadable from University website **www.vignanuniversity.org**
3. Submission of Applications either Online, by post or in person.
4. Application Form was made available at all Branches of Vignan Institutions in Andhra Pradesh.
5. Last date for receipt of filled-in applications was 24th April 2009.
6. Online Test conducted at 16 centers across India from 2nd May to 10th May 2009. (Online Test conducted by Eduquity Technologies Pvt. Ltd., Bangalore.)
7. Results were declared on 20th May 2009 (Both Qualified and Wait-listed Candidates)

Phase II: Written Test

1. Notification for V-SAT Written Test was issued in the leading dailies on 10th May 2009.
2. Application forms were made available on the Net as well as at all HDFC Branches and also at all Vignan Campuses.
3. Last date for receipt of filled-in applications was 25th May 2009.
4. Written Test was conducted at 18 centers across the State of A.P.
5. Results were declared on 2nd June 2009.

Short-listing of Qualified Candidates

Owing to the high standard of V-SAT on-line as well as written test, only 30-35% of the total number of appeared candidates could qualify in the entrance test. The qualified candidates were short listed in the order of merit and the list was displayed on the notice boards of the University campus and also put up in the University website. The dates for admission counseling were finalized and intimated to the short-listed candidates.

Counseling:

1. 3rd to 5th June 2009 for Qualified Candidates in Online Test.
2. 13th to 14th June 2009 for Qualified Candidates in Written Test.
3. 17th & 18th June 2009 for Wait listed Candidates of both Tests.

Declaration of Admission list:

1. First list Displayed on 20th June 2009.

Note: Last date for Cancellation of Admission was extended till the afternoon of 24th June 2009. The results of the state held EAMCET, i.e., Engineering & Medical Common Entrance Test were declared on 22nd June 2009. The time given, therefore, was more than sufficient for the students to weigh their options & decide on cancellation, should they secure a good rank in the EAMCET.

For P.G. Courses

- 75% of the intake into the M.Tech course is to be based on the order of merit ('A' Category) for the students who qualified through GATE / PGCET or who secured a B.Tech degree with distinction (70%). Remaining 25% of the admissions into the 'B' Category would be based on the eligibility criteria of 50% marks in the qualifying examination.

Resarding MBA Admission Procedure

- 80% of the intake into the MBA course is to be based on the order of merit ('A' Category). The admission procedure involved three phases. **I Phase-** Based on test scores in CAT/XAT/ MAT/ICET, the applicants were short listed. **II Phase-** Group Discussions were conducted for the short-listed candidates by a panel comprising internal & external experts. **III phase** – Qualified candidates of Round –II were interviewed by the panel. The final selections were made based on the cumulative assessment of the three phases. To encourage merit, 50% fee waiver was offered to those who secured a rank within 15000 in ICET / or its equivalent in the other

entrance tests. Admissions for the remaining 20% seats were based on the eligibility criteria of 50% marks in the qualifying examination.

Resarding MCA Admission Procedure

- 80% of the intake into the MCA course is to be based on the order of merit ('A' Category). The merit is to be determined into by account the presiors academic record of the student as well as the ICET. The aggregate of X, +2 level & Degree marks is to be given 50% weightage whereas the remaining 50% weightage would be given to the ICET marks. Based on it, students merit list was prepared & displayed on the University Notice board.
1. Notification for Admissions issued on 26th May 2009.
 2. Application forms were made available on the InterNet / selected HDFC Branches in A.P and also at Vignan Campuses.
 3. Last date for receipt of Applications was 30th June 2009.
 4. Display of Eligible candidates list was made on 4th June 2009.
 5. Counseling Schedule:
 - (a) M.Tech – 10th June 2009.
 - (b) MCA - 10th June 2009.
 - (c) MBA - 12th & 13th June 2009.

XII. APPLICATION FORM

- ❖ Downloadable application form, with online submission possibilities.
www.vignanuniversity.org

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.

Not applicable

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)
- ❖ Score of the individual candidates admitted arranged in order of merit.
- ❖ List of candidates who have been offered admission.
- ❖ Waiting list of the candidates in order of merit to be operative from the last date of joining of the first list candidates.
- ❖ List of the candidates who joined within the date, vacancy position in each category before operation of waiting list.

XV. INFORMATION ON INFRASTRUCTURE AND OTHER RESOURCES AVAILABLE

LIBRARY:

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

S.No	Course(s)	Number of titles of the books	Number of volumes	Journals	
				National	International
1	CHEM	962	2479	10	4
2	CSE	1734	4556	2	16
3	ECE	1200	6200	4	48
4	EEE	750	3400	2	14
5	IT	1529	3882	3	15
6	MECH	970	3800	8	9
7	BSH	1729	4526	5	13
8	MBA	700	2791	12	3
9	MCA	277	1338	2	6
10	Bio-Technology	610	1600	7	5
	Civil Engineering	250	1200	4	2
	Mechatronics	250	1000	2	2
	Interdisciplinary	660	828	5	10

➤ List of online National/International Journals subscribed.

S.No

TITLE OF THE JOURNAL / MAGAZINE

I CSE

A. ONLINE JOURNALS

- 1 COMPUTATIONAL BIOLOGY AND BIOINFORMATICS, IEEE/ACM TRANSACTIONS ON
- 2 COMPUTERS, IEEE TRANSACTIONS ON
- 3 DEPENDABLE AND SECURE COMPUTING, IEEE TRANSACTIONS ON
- 4 EVOLUTIONARY COMPUTATION, IEEE TRANSACTIONS ON
- 5 IMAGE PROCESSING, IEEE TRANSACTIONS ON
- 6 KNOWLEDGE AND DATA ENGINEERING, IEEE TRANSACTIONS ON
- 7 MULTIMEDIA, IEEE TRANSACTIONS ON
- 8 NANOTECHNOLOGY, IEEE TRANSACTIONS ON
- 9 PARALLEL AND DISTRIBUTED SYSTEMS, IEEE TRANSACTIONS ON
- 10 PATTERN ANALYSIS AND MACHINE INTELLIGENCE, IEEE TRANSACTIONS ON
- 11 DESIGN & TEST OF COMPUTERS, IEEE
- 12 INTELLIGENT SYSTEMS, IEEE [SEE ALSO IEEE INTELLIGENT SYSTEMS AND THEIR APPLICATIONS]
- 13 MULTIMEDIA, IEEE
- 14 PERVASIVE COMPUTING, IEEE
- 15 SECURITY & PRIVACY MAGAZINE, IEEE
- 16 COMPUTER

B. INDIAN JOURNALS

- 17 JOURNAL OF COMPUTER SCIENCE
- 18 COMPUTER ENGINEERING (CP) (IE)

II IT

A. ONLINE JOURNALS

- 19 INFORMATION FORENSICS AND SECURITY, IEEE TRANSACTIONS ON
- 20 INFORMATION TECHNOLOGY IN BIOMEDICINE, IEEE TRANSACTIONS ON
- 21 NETWORKING, IEEE/ACM TRANSACTIONS ON
- 22 NEURAL NETWORKS, IEEE TRANSACTIONS ON
- 23 NEURAL SYSTEMS AND REHABILITATION ENGINEERING, IEEE TRANSACTIONS ON [SEE ALSO IEEE TRANS. ON REHABILITATION ENGINEERING]
- 24 SOFTWARE ENGINEERING, IEEE TRANSACTIONS ON
- 25 SYSTEMS, MAN AND CYBERNETICS, PART A, IEEE TRANSACTIONS ON
- 26 SYSTEMS, MAN AND CYBERNETICS, PART B, IEEE TRANSACTIONS ON
- 27 SYSTEMS, MAN AND CYBERNETICS, PART C, IEEE TRANSACTIONS ON
- 28 VISUALIZATION AND COMPUTER GRAPHICS, IEEE TRANSACTIONS ON
- 29 ANNALS OF THE HISTORY OF COMPUTING, IEEE
- 30 DISTRIBUTED SYSTEMS ONLINE, IEEE
- 31 INTERNET COMPUTING, IEEE
- 32 NETWORK, IEEE
- 33 SOFTWARE, IEEE

B. INDIAN JOURNALS

- 34 I - MANAGER'S JOURNAL OF SOFTWARE ENGINEERING
- 35 ICFAI JOURNAL OF INFORMATION TECHNOLOGY (ICFAI PRESS)
- 36 GITAM JOURNAL OF INFORMATION COMMUNICATION TECHNOLOGY

III

A. ONLINE JOURNALS

- 37 ADVANCED PACKAGING, IEEE TRANSACTIONS ON [SEE ALSO COMPONENTS, PACKAGING AND MANUFACTURING TECHNOLOGY, PART B: ADVANCED PACKAGING, IEEE TRANSACTIONS ON]
- 38 AEROSPACE AND ELECTRONIC SYSTEMS, IEEE TRANSACTIONS ON
- 39 ANTENNAS AND PROPAGATION, IEEE TRANSACTIONS ON
- 40 APPLIED SUPERCONDUCTIVITY, IEEE TRANSACTIONS ON
- 41 AUDIO, SPEECH AND LANGUAGE PROCESSING, IEEE TRANSACTIONS ON [SEE ALSO SPEECH AND AUDIO PROCESSING, IEEE TRANSACTIONS ON]
- 42 AUTOMATION SCIENCE AND ENGINEERING, IEEE TRANSACTIONS ON [SEE ALSO ROBOTICS AND AUTOMATION, IEEE TRANSACTIONS ON]
- 43 BROADCASTING, IEEE TRANSACTIONS ON
- 44 CIRCUITS AND SYSTEMS FOR VIDEO TECHNOLOGY, IEEE TRANSACTIONS ON
- 45 CIRCUITS AND SYSTEMS I: REGULAR PAPERS, IEEE TRANSACTIONS ON [SEE ALSO CIRCUITS AND SYSTEMS I: FUNDAMENTAL THEORY AND APPLICATIONS, IEEE TRANSACTIONS ON]
- 46 CIRCUITS AND SYSTEMS II: EXPRESS BRIEFS, IEEE TRANSACTIONS ON [SEE ALSO CIRCUITS AND SYSTEMS II: ANALOG AND DIGITAL SIGNAL PROCESSING, IEEE TRANSACTIONS ON]
- 47 COMMUNICATIONS, IEEE TRANSACTIONS ON
- 48 COMPONENT PARTS, IEEE TRANSACTIONS ON
- 49 COMPONENTS AND PACKAGING TECHNOLOGIES, IEEE TRANSACTIONS ON [SEE ALSO COMPONENTS, PACKAGING AND MANUFACTURING TECHNOLOGY, PART A: PACKAGING TECHNOLOGIES, IEEE TRANSACTIONS ON]

- 50 COMPUTER-AIDED DESIGN OF INTEGRATED CIRCUITS AND SYSTEMS, IEEE TRANSACTIONS ON
- 51 DEVICE AND MATERIALS RELIABILITY, IEEE TRANSACTIONS ON
- 52 ELECTROMAGNETIC COMPATIBILITY, IEEE TRANSACTIONS ON
- 53 ELECTRON DEVICES, IEEE TRANSACTIONS ON
- 54 ELECTRONICS PACKAGING MANUFACTURING, IEEE TRANSACTIONS ON [SEE ALSO COMPONENTS, PACKAGING AND MANUFACTURING TECHNOLOGY, PART C: MANUFACTURING, IEEE TRANSACTIONS ON]
- 55 INDUSTRIAL ELECTRONICS, IEEE TRANSACTIONS ON
- 56 INFORMATION THEORY, IEEE TRANSACTIONS ON
- 57 INSTRUMENTATION AND MEASUREMENT, IEEE TRANSACTIONS ON
- 58 MAGNETICS, IEEE TRANSACTIONS ON
- 59 MICROWAVE THEORY AND TECHNIQUES, IEEE TRANSACTIONS ON
- 60 SEMICONDUCTOR MANUFACTURING, IEEE TRANSACTIONS ON
- 61 SIGNAL PROCESSING, IEEE TRANSACTIONS ON [SEE ALSO ACOUSTICS, SPEECH, AND SIGNAL PROCESSING, IEEE TRANSACTIONS ON]
- 62 VERY LARGE SCALE INTEGRATION (VLSI) SYSTEMS, IEEE TRANSACTIONS ON
- 63 WIRELESS COMMUNICATIONS, IEEE TRANSACTIONS ON
- 64 DISPLAY TECHNOLOGY, JOURNAL OF
- 65 ELECTRONICS & COMMUNICATION ENGINEERING JOURNAL
- 66 LIGHTWAVE TECHNOLOGY, JOURNAL OF
- 67 QUANTUM ELECTRONICS, IEEE JOURNAL OF
- 68 SELECTED AREAS IN COMMUNICATIONS, IEEE JOURNAL ON
- 69 SELECTED TOPICS IN QUANTUM ELECTRONICS, IEEE JOURNAL OF
- 70 SENSORS JOURNAL, IEEE
- 71 SOLID-STATE CIRCUITS, IEEE JOURNAL OF
- 72 AEROSPACE AND ELECTRONIC SYSTEMS MAGAZINE, IEEE
- 73 ANTENNAS AND PROPAGATION MAGAZINE, IEEE
- 74 CIRCUITS AND DEVICES MAGAZINE, IEEE
- 75 COMMUNICATIONS ENGINEER
- 76 COMMUNICATIONS MAGAZINE, IEEE
- 77 COMMUNICATIONS SURVEYS & TUTORIALS, IEEE
- 78 INSTRUMENTATION & MEASUREMENT MAGAZINE, IEEE
- 79 MICRO, IEEE
- 80 MICROWAVE MAGAZINE, IEEE
- 81 POTENTIALS, IEEE
- 82 SIGNAL PROCESSING MAGAZINE, IEEE
- 83 WIRELESS COMMUNICATIONS, IEEE [SEE ALSO IEEE PERSONAL COMMUNICATIONS]
- 84 ELECTRONICS SYSTEMS AND SOFTWARE
- INDIAN JOURNALS**
- 85 ELECTRONICS AND TELECOMMUNICATION ENGG.(ET) (IE)
- 86 IETE JOURNAL OF EDUCATION
- 87 IETE JOURNAL OF RESEARCH
- 88 IETE TECHNICAL REVIEW

IV

A. ONLINE JOURNALS

- 89 AUTOMATIC CONTROL, IEEE TRANSACTIONS ON
- 90 DIELECTRICS AND ELECTRICAL INSULATION, IEEE TRANSACTIONS ON [SEE ALSO ELECTRICAL INSULATION, IEEE TRANSACTIONS ON]
- 91 ENERGY CONVERSION, IEEE TRANSACTIONS ON
- 92 INTELLIGENT TRANSPORTATION SYSTEMS, IEEE TRANSACTIONS ON
- 93 POWER APPARATUS AND SYSTEMS, IEEE TRANSACTIONS ON
- 94 POWER DELIVERY, IEEE TRANSACTIONS ON
- 95 POWER ELECTRONICS, IEEE TRANSACTIONS ON
- 96 POWER SYSTEMS, IEEE TRANSACTIONS ON
- 97 ULTRASONICS, FERROELECTRICS AND FREQUENCY CONTROL, IEEE TRANSACTIONS ON
- 98 COMPUTING & CONTROL ENGINEERING JOURNAL
- 99 ELECTRICAL AND COMPUTER ENGINEERING, CANADIAN JOURNAL OF
- 100 POWER ENGINEER [SEE ALSO POWER ENGINEERING JOURNAL]
- 101 ELECTRICAL INSULATION MAGAZINE, IEEE
- 102 POWER AND ENERGY MAGAZINE, IEEE

B. INDIAN JOURNALS

- 103 ELECTRICAL ENGINEERING DIVISION (EL) (IE)
- 104 IEEMA JOURNAL

V CHEMICAL ENGINEERING

A. FOREIGN JOURNALS

- 105 IEEE TRANSACTIONS ON SEMICONDUCTOR MANUFACTURING
- 106 AIChE JOURNAL
- 107 CANADIAN CHEMICAL NEWS
- 108 CHEMICAL ENGINEERING WORLD
- 109 CHEMICAL ENGINEERING PROGRESS (CEP)

INDIAN JOURNALS

- 110 NANDINI CHEMICAL JOURNAL
- 111 PROCEEDINGS CHEMICAL SCIENCES
- 112 JOURNAL OF SCIENTIFIC & INDUSTRIAL RESEARCH
- 113 INDIAN JOURNAL OF CHEMISTRY SECTION - A
- 114 INDIAN JOURNAL OF CHEMISTRY SECTION - B
- 115 INDIAN JOURNAL OF CHEMICAL TECHNOLOGY
- 116 CHEMICAL ENGINEERING DIVISION (CH) (IE)
- 117 INDIAN CHEMICAL ENGINEER

VI MECHANICAL ENGINEERING

A. ONLINE JOURNALS

- 118 MANUFACTURING TECHNOLOGY, IEEE TRANSACTIONS ON
- 119 MECHATRONICS, IEEE/ASME TRANSACTIONS ON
- 120 PRODUCT ENGINEERING AND PRODUCTION, IEEE TRANSACTIONS ON
- 121 ROBOTICS, IEEE TRANSACTIONS ON [SEE ALSO ROBOTICS AND AUTOMATION, IEEE TRANSACTIONS ON]
- 122 VEHICULAR TECHNOLOGY, IEEE TRANSACTIONS ON
- 123 COMPUTER-AIDED ENGINEERING JOURNAL

- 124 MICROELECTROMECHANICAL SYSTEMS, JOURNAL OF
- 125 INDUSTRY APPLICATIONS MAGAZINE, IEEE
- 126 ROBOTICS & AUTOMATION MAGAZINE, IEEE
- 127 VEHICULAR TECHNOLOGY MAGAZINE, IEEE
- 128 MANUFACTURING ENGINEER

B. INDIAN JOURNALS

- 129 MECHANICAL ENGINEERING DIVISION (MC) (IE)
- 130 PRODUCTION ENGINEERING DIVISION (PR) (IE)
- 131 TECHNORAMA
- 132 OPSEARCH
- 133 METALLURGICAL & MATERIALS (MM)
- 134 TIDEE (TERI Information Digest on Energy and Environment)
- 135 INDIAN FOUNDRY JOURNAL
- 136 INDUSTRIAL ENGINEERING JOURNAL
- 137 JOURNAL OF COOPERATION AMONG UNIVERSITY RESEARCH AND INDUSTRIAL ENTERPRISES

VII BIO-TECHNOLOGY

A. ONLINE JOURNALS

- 138 BIOMEDICAL ENGINEERING, IEEE TRANSACTIONS ON
- 139 BIOMEDICAL CIRCUITS AND SYSTEMS IEEE TRANSACTIONS ON
- 140 BIOMEDICAL ENGINEERING, IEEE REVIEW IN
- 141 NANOBIOSCIENCE, IEEE TRANSACTIONS ON
- 142 MEDICAL IMAGING, IEEE TRANSACTIONS ON

B. NATIONAL JOURNALS

- 143 CURRENT TRENDS IN BIOTECHNOLOGY AND PHARMACY
- 144 JOURNAL OF BIOSCIENCES (2 Copies)
- 145 JOURNAL OF GENETICS
- 146 INDIAN JOURNAL OF ANIMAL SCIENCES
- 147 THE INDIAN JOURNAL OF AGRICULTURE SCIENCES
- 148 INDIAN JOURNAL OF TRADITIONAL KNOWLEDGE (IJTK)
- 149 INDIAN JOURNAL OF BIO-TECHNOLOGY
- 150 ICFAI JOURNAL OF BIOTECHNOLOGY

VIII CIVIL ENGINEERING

A. ONLINE JOURNALS

- 151 GEOSCIENCE AND REMOTE SENSING, IEEE TRANSACTIONS ON

NATIONAL JOURNALS

- 152 INDIAN JOURNAL OF ENGINEERING AND MATERIAL SCIENCE
- 153 SADHANA (ENGINEERING SCIENCE)
- 154 ENVIRONMENT SCIENCE & ENGINEERING
- 155 ICFAI JOURNAL OF ENVIRONMENTAL SCIENCES

IX MBA

A. ONLINE JOURNALS

- 156 ENGINEERING MANAGEMENT, IEEE TRANSACTIONS ON

- 157 ENGINEERING MANAGEMENT JOURNAL, IEEE
 158 HARVARD BUSINESS REVIEW
NATIONAL JOURNALS
 158 CASE FOLIO
 159 CONSUMER BEHAVIOUR
 160 CORPORATE AND SECURITY LAW
 161 DERIVATIVES MARKETS
 162 MANAGERIAL ECONOMICS
 163 MERGERS AND ACQUISITIONS
 164 ORGANIZATIONAL BEHAVIOUR
 165 SUPPLY CHAIN MANAGEMENT
 166 JOURNAL OF SYSTEMS MANAGEMENT
 167 THE ICFAI JOURNAL OF KNOWLEDGE MANAGEMENT
 168 GITAM JOURNAL OF MANAGEMENT
 169 Indian Journal of Training and Development
 170 Finance India
 171 International Journal of Rural Management
 172 Asia Journal of Management Cases
 173 Global Business Review
 174 The Journal of Entrepreneurship
 175 Asian Management Review
 176 Indian Journal of Marketing
 177 Asia Pacific Journal of Human Resources
 178 Leadership
 179 Journal of Human Values

X

ONLINE JOURNALS

- 180 FUZZY SYSTEMS, IEEE TRANSACTIONS ON
 181 MOBILE COMPUTING, IEEE TRANSACTIONS ON
 182 COMPUTATIONAL INTELLIGENCE MAGAZINE, IEEE
 183 INDUSTRIAL INFORMATICS, IEEE TRANSACTIONS ON
 184 RELIABILITY, IEEE TRANSACTIONS ON
 185 COMPUTER GRAPHICS AND APPLICATIONS, IEEE

NATIONAL JOURNALS

- 186 ICFAI JOURNAL OF COMPUTER SCIENCES
 187 ICFAI JOURNAL OF SCIENCE & TECHNOLOGY

XI SCIENCE & HUMANITIES

ONLINE JOURNALS

- 188 NUCLEAR SCIENCE, IEEE TRANSACTIONS ON
 189 PLASMA SCIENCE, IEEE TRANSACTIONS ON

INDIAN JOURNALS

- 190 PRAMANA - JOURNAL OF PHYSICS

- 191 JOURNAL OF ASTROPHYSICS AND ASTRONOMY
- 192 PROCEEDINGS MATHEMATICAL SCIENCES
- 193 RESONANCE (JOURNAL OF SCIENCE EDUCATION)
- 194 JOURNAL OF EARTH SYSTEM SCIENCE
- 195 ENVIRONMENTAL ENGINEERING DIVISION (EN) (IE)
- 196 ICFAI JOURNAL OF SOFT SKILLS
- 197 CURRENT LITERATURE ON SCIENCE OF SCIENCE

XII MANAGEMENT JOURNALS

ONLINE JOURNALS

- 199 ENGINEERING MANAGEMENT REVIEW, IEEE

INDIAN JOURNALS

- 200 NICMAR: JOURNAL OF CONSTRUCTION MANAGEMENT
- 201 VIKALPA (JOURNAL OF DECISION MAKERS)
- 202 JOURNAL OF SCIENCE TECHNOLOGY AND MANAGEMENT
- 203 VISION

XIII GENERAL

A. ONLINE JOURNALS

- 204 EDUCATION, IEEE TRANSACTIONS ON
- 205 INDUSTRY APPLICATIONS, IEEE TRANSACTIONS ON
- 206 PROFESSIONAL COMMUNICATION, IEEE TRANSACTIONS ON
- 207 OCEANIC ENGINEERING, IEEE JOURNAL OF
- 208 ENGINEERING SCIENCE AND EDUCATION JOURNAL
- 209 ENGINEERING IN MEDICINE AND BIOLOGY MAGAZINE, IEEE
- 210 LATIN AMERICA TRANSACTIONS, IEEE (REVISTA IEEE AMERICA LATINA)
- 211 LTS, IEEE [SEE ALSO IEEE LCS]
- 212 TECHNOLOGY AND SOCIETY MAGAZINE, IEEE
- 213 ENGINEERING & TECHNOLOGY

B. INDIAN JOURNALS

- 214 i-MANAGER'S: JOURNAL OF EDUCATIONAL TECHNOLOGY
- 215 INDIAN JOURNAL OF TECHNICAL EDUCATION

XIV MAGAZINES & PERIODICALS

- 216 LIVING DIGITAL
- 217 COMPUTERS FOR YOU
- 218 DATA QUEST
- 219 PC QUEST
- 220 DIGIT
- 221 LINUX FOR YOU
- 222 INFORMATION TECHNOLOGY WITH CD
- 223 CHIP
- 224 COMPUTER VIGNANAM
- 225 ELECTRONICS FOR YOU
- 226 EMBEDDED FOR YOU

227 LAB EXPERIMENTS
228 ELECTRONICS TODAY
229 e-POWER MAGAZINE
230 ELECTRICAL INDIA
231 CHEMICAL INDUSTRY DIGEST
232 CHEMICAL BUSINESS
233 PAINT INDIA MAGAZINE
234 MANUFACTURING TECHNOLOGY & MANAGEMENT
235 MANUFACTURING TECHNOLOGY TODAY
236 BULLETIN OF MATERIAL SCIENCE
237 PRODUCTIVITY NEWS
238 INDUSTRIAL AUTOMATION
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240 THE INNOVATIVE ACR & cool-n-conductive enviro
241 CURRENT SCIENCE
242 TECHNICIANS (TC) (IE)
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246 BUSINESS WORLD
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248 UDYOG PRAGATI
249 BUSINESS VISION
250 CHARTED FINANCIAL ANALYST
251 E-BUSINESS
252 GLOBAL CEO
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254 INTER DISCIPLINARY (ID) (IE)
255 CSIR NEWS
256 IEI NEWS (SUPPLEMENT) (IN) (IE)
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264 JAYANTHI (TELUGU)
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- 272 VIJETHA COMPETITION
- 273 SPAN
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- 275 INDIA TODAY (ENGLISH)
- 276 INDIA TODAY (ENGLISH)
- 277 INDIA TODAY (TELUGU)
- 278 THE WEEK
- 279 THE WEEK
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- 283 OUT LOOK
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- 288 DISCOVERY

➤ E-Library facilities – **Available**

LABORATORY:

For each Laboratory

Enclosed in the Compliance Report

➤ List of Major Equipment/Facilities

Department of Chemical Engineering

S.No	Name of the course	Name of the laboratory	Total area of Lab (Sq.m)	Major equipment
1	CHEM	Physical Chemistry Laboratory	85	Electric Balance Potentiometer Polarimeter Conductivity Meter Colorimeter UV Visible Spectro Photometer Spectro Photometer pH Meter
2		Organic Chemistry/ Chemical Technology Laboratory	170	CHEMICALS GLASS WARE

3	Mechanical Unit Operations Laboratory	170	Jaw Crusher Vibrating Screens Cyclone Separator Roll crusher Forth Flotation cell Sieve Shaker (Gyratory) Ball Mill Plate & Frame Filter Press Leaf Filter ICI Sedimentation
4	Heat Transfer Laboratory	170	Heat transfer through composite wall Heat transfer in natural convection Flow through double pipe Heat transfer through coils Heat transfer through forced convection Heat transfer through Pin – Fin Stefan Boltzman Apparatus Emissivity Measurement Apparatus Shell and Tube Heat Exchanger Thermal Conductivity of Metal Rod Thermal Conductivity of Liquids Surface Evaporator Critical Heat Flex
5	Fluid Mechanics Laboratory	170	Bernoulli's Expt Flow through packed bed column Flow through fluidized bed column Orifice Meter & Venturi Meter Flow through Pipes and Fittings Flow through centrifugal pump
6	Chemical Reaction Engineering Laboratory	170	Rtd Studies Mixed Flow Reactor Rtd Studies Plug Flow Reactor Mixed In Series Flow Reactor Continous Stirred Tank Reactor Combined Reactor Iso-Thermal Batch Reactor
7	Mass Transfer Operations Laboratory	212	Liquid Liquid Extraction Bubble Cap Distillation Column Simple Distillation Column Surface Evaporation Steam Distillation Column Soxhelet Extraction Aparatus Gaseous Diffusion Operator Tray Dryer Vaccum Dryer Packed Bed Column Adsorption Column
8	Process Control Lab	170	Pressure Control Trainer Level Control Trainer Interacting and Non Interacting System Temperature Control Trainer Flow Control Trainer Computer Systems(15) Cascade Control Control Valves

9		Process Modeling & Simulation Lab	85	Binary Distillation Column Adsorption Catalytic Reactor Dryer Filtration Multi Component Flash Column Computer Systems (10)
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Department of Mechanical Engineering

S.No	Name of the Course	Name of the Laboratory	Total Area of Lab (Sq.m)	Major Equipment
1	Mechanical Engineering	Fluid Mechanics & Hydraulic Machines & Mechanics of Solids	196	1. Pelton Turbine test rig 2. Francis turbine test rig 3. Universal testing machine 4. Impact testing machine 5. Torsion testing machine 6. Vicker's Hardness testing machine 7. Spring testing machine
2		Machine Tools & Metrology	196	1. Precision Lathe 2. Lathe trainer 3. Milling machine 4. Surface grinder 5. Universal radial drilling machine 6. Capstan Lathe 7. Shaper 8. Slotting machine 9. NG box type Lathe machine 10. Talysurf
3		Thermal Engineering	196	1. 4-stroke, single cylinder low speed diesel engine – 6 H.P. 2. 4-stroke, single cylinder High speed diesel engine – 5 H.P. 3. 3-cylinder, 4-stroke petrol engine – 12 H.P. 4. A.C. Test rig. 5. 2-stage air-compressor test rig.
4		Production Technology	196	1. Pneumatic blow moulding machine 2. Hydraulic Plastic Injection moulding 3. Spot welding machine 4. Welding machine
5		CAD/CAM & Simulation	112	1. CNC lathe machine 2. Ansys Soft ware 3. CADian Mech Soft ware 4. Computer Systems –32 5. Pro-E Software 6. Iron CAD Software
6		Metallurgy & Instrumentation Lab	78	1. Metallurgical Microscope with photography attachment 2. Metallurgical Microscope 3. Muffle Furnace 4. Strain gauge 5. Photo Magnetic speed pickup 6. LVDT Transducer

7		Fuels & Lubricants Lab	78	<ol style="list-style-type: none"> 1. Bomb Calorimeter 2. Junker's Calorimeter 3. Pensky Marten's Closed apparatus 4. Orsat's Gas Analysis apparatus 5. Redwood Viscometer – I
8		Workshop	750	<ol style="list-style-type: none"> 1. Pillar type drilling machines 2. Power Hack-saw 3. Bench Grinder 4. Welding Machine
9		Machine Dynamics Lab	20	<ol style="list-style-type: none"> 1. Viscous Damping equipment 2. Dynamic Balancing equipment 3. Gyroscope 4. Vibration Analysis equipment

Department of Computer Science and Engineering and Information Technology

Sl.No	Name of the Course	Name of the Laboratory / Workshop	Total Area of Lab / Workshop	Major Equipment
1	CSE	Oops through Java lab, UML Lab, CN Lab,	204 sqm	No of Systems – 54 50 → P – IV 2.4 GHz 9Prescot) 256 MB RAM, 40 GBSATA HDD, 10/1000 NIC, 15' CRT 4 → 1.5 GHz, 256 MB RAM, 40 GB HDD, 10/100 NIC, 14" CRT CD Writer, CANON 2960 Laser Printer – 1 6 KVA online UPS with 1 hour backup (Libert) - 2
2		OOPs, DBMS, UML, Multimedia Labs	176 sqm	No of Systems – 45 40 → P – III 3.0 HT (EM64 T0, 512 MB DDR2, 80 GB SATA, 15 " IBM CRT, CD ROM, CD Writer, 5 → PI – V 1.5 GHz CANON 2960 Laser Printer – 1 6 KVA online UPS with 1 hour backup (Libert) – 2
3		Internet Lab	68 sqm	No. of Systems – 20, Celeron 600/500 MHz, 20 GB, 10 Mbps 14" colour monitor
4	Information Technology	Information Technology Lab	204 sqmts	45 → P – IV 2.4 GHz 9Prescot) 256 MB Ram, 40 GB SATA HDD, 15" Monitor, 10/100 Mbps NIC 5 → 1.5 GHz, 256 MB RAM, 40 GB HDD, 10/100 mbps, 14' Monitor Laser 2960 Canon Printer – 1 6 KVA online UPS with 1 hour backup (Libert) - 2

Department of Electronics and Communication Engineering

Sl. No	Name of the Course	Name of the Laboratory / Workshop	Total Area of Lab / Workshop	Major Equipment

1	ECE	Electronic Devices & Circuits Lab	937.5	<ol style="list-style-type: none"> 1. Cathode Ray oscilloscope 2. Function Generators 3. Regulate Power Supply <ol style="list-style-type: none"> 1. TS30-1, ITL make 2. Future Tech make 3. Dual channel regulated power supply (Future tech make) 4. Digital Multimeters (CE – 122) 5. FT 13310 decade resistance boxes 6. FT 1311 decade inductance boxes 7. FT 1331 decade capacitance boxes 8. Trainer Boards
2		Networks Lab	937.5	<ol style="list-style-type: none"> 1. Cathode Ray oscilloscope, 20 MHz 2. Function Generators 3. Regulated Power Supply 4. Trainer Boards 5. Digital Multimeters (CE – 122) 6. FT 1310 decade resistance boxes 7. FT 1310 decade inductance boxes 8. FT 1310 decade capacitance boxes 9. Analog Multimeters (Sanyo)
3		PDC& IC Lab	1125	<ol style="list-style-type: none"> 1. Cathode ray oscilloscope : 20 MHz 2. Function generators 3. Multi output I.C. regulated power supplies 4. Single channel Regulated Power Supplies 5. Digital IC Trainer 6. Component Development System 7. Digital Multimeters 8. Servi Stabilizer 5 KVA 9. MHz pulse Generator 10. MME – DIT – 240 IC Tester
4		Communication Lab	1125	<ol style="list-style-type: none"> 1. 30 MHz Cathode ray oscilloscopes scientific make 2. Pulse code Modulation & Demodulation trainer – FT 1509 3. Delta Modulation * Demodulation Trainer – FT 1511 4. Frequency shift keying modulation & demodulation trainer – FT 1507 5. Phase shift keying modulation & Demodulation – FT 1508 6. Differential phase shift keying modulation & Demodulation – FT 1508 7. Function Generators 8. Regulated Power supplies (Single channel) 9. Pulse amplitude Modulation & Demodulation Trainer Kits 10. Pulse position Modulation & Demodulation Trainer Kits 11. Pulse Position & width Demodulation Trainer Kits 12. Time division Multiplexer 13. Servo Stagbilizer 5 KVA 14. PCM Kit 15. DPSK 16. FBT Jolly 12A Speakers 17. FBT MCF – 5042 Mike 18. Phonic 12/2 Ch. Mixer 19. FBT – 5042 Base of Mike 20. Public address system accessories 21. FT- 1514 DSB Balanced Modulator and sync detector 22. FT – 1559 Single side Band Modulation & Demodulation Trainer

5		Micro Processors and Micro Controller Lab	937.5	<ol style="list-style-type: none"> 1. PC Systems Pentium – 200 MHz 2GB, 32 MB RAM 2. 8085 Micro Processors Kits 3. 8086 Microprocessor Kits 8086/8088 Microprocessor trainer kit 4. LC Version 8051 Micro Controller Trainer 5. Micro Processor Interfacing modules 6. Multi output Microprocessor regulated power supplies 7. Stepper motor 8. Flat core cables 9. RS – 232 cables for serial communication 10. 26 core Ribbon cable connector set (1ft.) 11. Elevator Interface modules : IF - ELV 12. Dual slope ADC Interface with power supply 13. Dual DAC Interface Model 14. Realtime clock interface model : IF – RTC 15. Traffic light interface model : IF – TRL 16. Temperature controller, ADC & DAC measurement of control module (VBMB – 030) 17. Switch and display controller 18. Keyboard and display controller 19. Servo stabilizer 5 KVA 20. TASM & MASM Software
6		Microwave & Optical Lab	1125	<ol style="list-style-type: none"> 1. Solid State Klystron Power supply 2. Klystron Mount with Klystron tube 3. Isolators 4. Frequency Meters 5. Variable attenuators 6. Slotted sections 7. Tunable probes 8. Detector mounts 9. Movable shorts 10. Matched Terminations XL-400 11. VSWR meters 12. Universal wave guide stands 13. Slide Screw Tuners 14. Gunn Power supply 15. Gunn Oscillators 16. Pin Modulators 17. BNC cable 18. BNC Cable (one end Open) 19. TNC Cables 20. Attenuator Fixed type 21. Magic Tee 22. MHD Couplers 23. T Circulators 24. Y Circulators 25. Laser Diode Intensity Modulation trainer – FT 2107 26. Design of fiber optic digital communication trainer (Micro controller based – FT 2106) 27. Crompton All Purpose fan 28. Analog MW / UHF & Testing Instruments 29. KU band Antenna and Accessories

				<p>30. Laser Diode Intensity Modulation trainer – FT 2107</p> <p>31. Design of fiber optic digital communication trainer (Micro controller based – FT 2106</p> <p>32. Solid State Klystron Power supply</p> <p>33. Klystron Mount with Klystron tube</p> <p>34. Isolators</p> <p>35. Frequency meters</p> <p>36. Variable attenuators</p> <p>37. Slotted sections</p> <p>38. Tunable probes</p> <p>39. Detector mounts</p> <p>40. Movable shorts</p> <p>41. Matched Terminators XL-400</p> <p>42. VSWR meters</p> <p>43. Universal wave guide stands</p> <p>44. Slide Screw Tuners</p> <p>45. Gunn Power supply</p> <p>46. Gunn Oscillators</p> <p>47. Pin Modulators</p> <p>48. BMC cable</p> <p>49. BNC Cable (one end open)</p> <p>50. TNC cables</p> <p>51. Attenuator Fixed type 3db, 6dB, 10 dB</p> <p>52. Magic Tee</p> <p>53. MHD Couplers, 3db, 6dB, 10 dB</p> <p>54. T circulators</p> <p>55. Y Circulators</p> <p>56. Analog MW/UHF & Testing Instruments</p> <p>57. KU band Antenna and Accessories</p> <p>58. Optical Fiber Trainer Kit. (Analog)</p> <p>59. Cooling fan</p> <p>60. Crompton All purpose fan</p>
7		E-Cad / DSP Lab	937.5	<p>1. P IV 1.9 GHz</p> <p>2. PSPICE Software Orcad Capture – 5 users Orcad Pspice A/D – 1 User</p> <p>3. FPGA Advantage Software – 5 user</p> <p>4. FPGA trainer Kit</p> <p>5. Mentor Graphics – VHDL Software</p> <p>6. Xilinx VLSI Design Software: Both Front and Back end. ISE software for VLSI Design consists of design entry using VHDL</p> <p>7. SE-SCR-BRD=Xilinx CPLD Demo Boards</p> <p>8. SE-SP2-BRD-Xilinx FPGA Demo Boards</p> <p>9. TMS Starter Kits-6713</p> <p>10. 12 KVA UPS</p> <p>11. MATLAB Software – 10 users</p> <p>12. SIMULINK- 10 Users</p> <p>13. Sim Power Systems Tool Box - 5 Users</p> <p>14. Control Systems Tool Box – 5 Users</p> <p>15. Signal Processing Tool Box – 5 Users</p> <p>16. Signal Processing Blockset – 5 Users</p> <p>17. Communication Tool Box – 5 users</p> <p>18. Communication Blockset – 5 users</p> <p>19. Filter Design Tool Box – 5 users</p> <p>20. Fixed Point Tool Box – 5 users</p>

8		Research Lab		Digital Storage Oscilloscope (60 MHz)
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Department of Electrical & Electronics Engineering

S.No	Name of the course	Name of the laboratory	Total area of Lab (Sq.m)	Major equipment
1	B.Tech EEE	Electro Mechanics Lab – I	215	<ol style="list-style-type: none"> 1. 3 HP 220V DC Compound motor 2. 2 KW 220V DC Compound M.G. set 3. DC compound motor with brake drum arrangement 3HP, 220V, 1500 R.P.M 4. Identical DC series machine set 3KW, 220V, 1500 R.P.M D.C. series machine coupled to each other 5. Identical DC shunt machine set 3KW, 220V, 1500 R.P.M shunt D.C. machines coupled to each other 6. 3HP, 220V, 1500 R.P.M shunt motor with brake drum arrangements 7. 3HP, 220V, 1500 R.P.M compound motor coupled to 1.5 KW, 220V, 1500 R.P.M compound generator 8. 3HP, 220V, 1500 R.P.M shunt motor coupled to 1.5 KW, 220V, 1500 R.P.M series generator 9. Identical machine set consisting of 3KW, 220V, 1500 R.P.M shunt D.C. machines with bedplate and coupling 10. Rectifier 3ϕ, 415V: input 0-230V, 100A, O/P 11. Rectifier 1ϕ, 230V: input 0-50V, 5A, O/P
2		Electro Mechanics Lab – II	215	<ol style="list-style-type: none"> 1. 5 Hp, 3ϕ, 415V, 1500 R.P.M. auto, synchronous motor with brakedrum 2. 5 Hp, 3ϕ, 415V, 1500 R.P.M. A.C. slip ring induction motor with brakedrum 3. A.C. capacitor start & run induction motor: 1ϕ, 230V, 1440 R.P.M. auto, synchronous motor with brakedrum 4. 7.5 Hp, 220V, 1500 R.P.M. D.C. shunt motor + 5 Hp, 5KVA, 415V, 1500 R.P.M. alternator 5. 1ϕ, 3 KVA, 440V/220V, 50HZ Isolation transformer closed type 6. Scott Transformers 1ϕ, 3 KVA, 440V/230V, 50HZ with Scott tapings, at 50%, 86.6% on H.V. side (closed type) 7. 2 KVA, 230/115V, 50HZ 1ϕ transformer closed type 3 Hp, 415V, 1440 R.P.M. Squirrel cage, A.C. motor with brakedrum arrangement

3		Control System Lab	129	<ol style="list-style-type: none"> 1. Simulation of transfer function by using op-amp 2. Programmable Logic Controller 3. Process Control Simulator 4. DC Servomotor Controller 5. DC Speed Control System 6. Temperature Control System 7. Potentiometric Error Detector 8. Synchro Transmitter & Receiver Trainer 9. PLC trainer for verification of truth table for digital 10. AC servo speed torque characteristics trainer unit 11. Linear system simulator for time response of second order system 12. DC position control mechanisms for study of transfer function of DC motor 13. PID controller 14. Lag-Lead compensation magnitude & phase plot (compensation design) 15. Characteristics of Magnetic amplifier
4		Power Electronics Lab	108	<ol style="list-style-type: none"> 1. SCR, MOSFET, IGBT & TRIAC 2. Dual trace oscilloscopes 3. Single phase AC voltage controller with R & RL load 4. Single phase parallel inverter 5. Single phase cyclo converter 6. Single phase series inverter 7. Single phase dual converter 8. Commutation circuits Trainer 9. Gate firing Circuit for SCR Trainer Kit 10. Single phase Triac Controller 11. Single phase full controlled bridge converter 12. DC Jones Chopper 13. Single Phase half controlled Bridge converter 14. DC Shunt motor 1 h.p
5		Electrical Measurements Lab	215	<ol style="list-style-type: none"> 1. C.T. Testing Silsee's method 2. L.V.D.T. Kit 3. Resistance Strain Guage 4. Transformer Oil Testing Kit 5. Choke Coils 6. Crompton's Potentiometer & Accessories 7. Booster Transformer 8. Kelvin's double bridge & Accessories 9. Anderson's Bridge & Accessories 10. Schering Bridge & Accessories 11. Portable Power factor meter and 1ϕ power factor meter 12. 1ϕ, 250V, 50Hz Energy meter & Accessories
6		Simulation of Electrical Systems Lab	86	<ol style="list-style-type: none"> 1. 10 PCs with P4, 512 RAM, 80 GB hard disk 2. 10 PCs with P4, 256 RAM, 40 GB hard disk
7	M.Tech	Power Converters Lab	107	<ol style="list-style-type: none"> 1. Thyristorised drive for PMDC motor with speed measurement and closed loop control 2. 3 phase input IGBT, 4 quadrant chopper drive for DC motor with closed loop control 3. Cycloconverter based AC induction motor control equipment 4. Speed control of 3 phase wound rotor induction motor

Department of Bio-Technology

S.No	Name of the course	Name of the laboratory	Total area of Lab (Sq.m)	Major equipment
1	B.Tech	Bio-Chemistry / Instrumentation Lab	110	Hot air oven , Colori meter, Clinical Centrifuge , Distilled water plant, Spectrophotometer Metrer, UV-Visible Spectrophoto meter, Turbidimeter Flurometer, Water bath , Digital Balance, Heating Mantles
2		Microbiology Lab	110	Orbital shaking incubator, Portable autoclave Incubators, Vertical Autoclave , Laminar Air flow cabinete, Water bath Refrigerator, Vortex Mixer , P ^H Meters Digital Balance, Compound Monocular Microscopes,
3		Genetic Engineering Lab	110	Laminar flow cabinete, Vertical autoclave; Incubator, Hot air oven, Vaccum Pump, Rotary Shaker, Cooling Centrifuge , Water bath, Digital Balance, Defreezer, Magnetic Stirrer , Electrophoresis Kit (Mini Model Gel), Electrophoresis Kit (Mini Model Duel Gel), Electrophoresis Kit (Mini Submarine Gel), UV Trans Illuminator
4		Tissue culture Lab	36	Hot air oven, Laminar flow cabinete Vertical autoclave, Water bath
5		Immunology Lab	74	Double Platform Gel Rocker

Department of MCA & MBA

S.No	Name of the course	Name of the laboratory	Total area of Lab (Sq.m)	Major equipment
1	MCA / MBA	Computer Lab / V	150	61 – P-IV

Department Basic Sciences & Engineering

S.No	Name of the course	Name of the laboratory	Total area of Lab (Sq.m)	Major equipment
1	I B.Tech	English language and communication skills lab	180	1. H I- class Software- 35+1user 2. Rosette Stone(Multimedia software) 3. Samsung DVD player 4. Hard Ware (60 - P4 computers)
2	I B.Tech	Physics Lab	78	1. Laser Kit 2. Fiber optic kit 3. Spectrometers – 3 no 4. Travelling Microscopes – 3 no

1.	No of Computer terminals	713	917
2.	Hardware Specification	P – IV	287 Systems: 3.06 GHz, 512 MB RAM, 80 GB hard Disk, 10/100 Mbps, 17” Monitor 120 Systems: 3.06 GHz, 512 MB RAM, 80 GB hard Disk, 10/100 Mbps, 15” Monitor 100 Systems: 2.4GHz, 256 MB RAM, 40 GB Hard Disk, 10/100 Mbps, 15” Monitor 65 Systems: 1.9 GHz, 256 MB RAM, 40 GB Hard disk, 10/100 Mbps, 15” Monitor 60 Systems: 1.5GHz, 128 MB RAM, 40 GB Hard Disk, 10/100 Mbps, 14” Monitor 60 Systems: 3.06 GHz, 512 MB RAM, 80 GB hard Disk, 10/100 Mbps, 15” Monitor 55 IBM Systems: 3.0 HT, 512 MB RAM and 80 GB HDD 62 Systems: 1 GHz, 128 MB RAM, 20 GB Hard Disk, 10/100 Mbps, NIC 14 “ Monitor 108 Systems: 600 /500 64 mb, 10/20 GB 10/100 mbps 14” Monitor
3.	No of terminals of LAN/WAN	50% of No. of Terminals	570
4.	Relevant Legal Software	At least 8 application software packages.	At least 2 system software packages Windows 2003 Server (EP) 100 user license., MS Windows – 98, ORACLE – 9i, Visual studio- 6.0 (with MSDN) Borland Turbo Suite, Rational Rose, Xilinx ISE, ORCAD PSPICE, ANSYS 8, CADian Mech, Mentor Graphics VHDL Software, TMS 3206713 with code composer studio, PRO – E , Iron CAD, Office 2003, Windows XP Professional, Dot – net, Matlab 7.3 with tool boxes 10 users licensed. Unix 5, Novel Netware 5, windows NT 4.0
5.	Peripheral(s) / Printers	1 : 15	48 Printers
6.	Internet Accessibility (in kbps & hrs)		8Mbps - 24 Hrs (wire less)

- Total number of systems connected to WAN
570 systems connected by LAN and WAN
- Internet bandwidth
8 Mbps - 24 Hrs (wire less)

Major software packages available

Name of the School	Name(s) of Software available in the Dept.	Supplier	Amount	Use for Teaching & Learning Process
School of Electronics	PSPICE software	Future Tech Instrument Ltd., Secbad	1,04,000	Used to design and analyze electronic circuits
	VHDL software	CG Corel Programmable solutions Pvt Ltd, Bangalore.	1,65,000	For synthesizing various logic circuits
	Xilinx VLSI design software	SITEC Electronics Bangalore	60,000	For design and simulation of logic circuits
	Code composer studio	Cranes software International, Bangalore.	2, 47,775	For design and analysis of digital signal processing systems
	MATLAB 7.0	Cranes software International Ltd, Bangalore	8,22,885	Useful for simulation of various signal processing, communications
School of Mechanical	Cadian Mech – 2004	CAM Technologies Vizag	3,78,560	Design and Drafting Package
	ANSYS – 8	ANSYS Software Pvt. Ltd, Bangalore	3,80,000	Analysis Package
	PRO-Engineer Wild Fire 3.0	Adroitec Information Systems Ltd.,Sec.bad	2,25,000	Modeling and Analysis
	IRON CAD – 8 TSPL Simulation Software (8 modules)	Tr) Pvt. Ltd, Mumbai iangle Simulation	1,65,000	Modeling Package Provides the chance to learn and practice plant operating
School of Chemical	CHEM–CAD	Software Axiom Engineers Pvt. Ltd, Mumbai	2,96,000	Useful for simulation, and scheduling the product
TOTAL			28,44,220	

a) Details of software's:

MS Visual Studio 6.0 (A.E.) Enterprise W98 CD
 NW 5.1 Server +5 Connection
 Netware 5.1 Server + 5 Connection
 NW 5.1-5 Connection Add. Lic.
 Netware 5.1-5 Connection Additive License
 Inprise Borland Turbo C++ Suite WIN/DOS (A.E.)
 ORACLE Server 9.0.1 (5 user) WNT CD
 MS WINDOWS NT Server 4.0 (5 user) (A.E.) SP4 CD
 SCO OPENSERVR 5.0.6 (A.E.) Enterprise (15 users) CD
 Rational Suite Enterprise Edition (30 Lic.)

Microsoft Campus Agreement - Softwares (Through SONET) :

- 1) Desktop Operating System upgrade like Microsoft Windows XP
- 2) Microsoft Office Professional
- 3) Visual Studio.NET

Client Access Licenses for Windows 2003, Exchanger Server, Share Point Portal Server

- 1) Windows XP Professional
 - 2) Windows XP Prof., x64 Ed.
 - 3) Office XP Suites
 - 4) Office 2003 Suites
 - 5) Dsktp Campus All Languages Lic/SA Pack MVL
 - 6) Visual Studio Pro All Lng Lic/SA Pack MVL
1. Hi Class SW - 35+1 User.
 2. ROSETTA STONE - English Learning Educational CD.

➤ **Special purpose facilities available**

Facilities for students

Internet Facility

Three Internet centers, each with a 25-user facility provides for wide vistas of on-line learning. Resident students on the campus can avail the internet center till 8.00 p.m. in the evening. **The campus is wi-fi enabled with a bandwidth of 8mbps.**

Recreation & Sports facility

The campus is equipped with facilities for outdoor games like Cricket, Football, Volleyball, Tennis, Basketball and 400 Meter track athletics. An indoor sports complex offers provision for indoor games like table tennis, badminton etc. To keep the students motivated, the physical education department under the supervision of a well qualified Physical Director conducts intramurals round the year for keeping the sports persons well practiced and ready to participate whenever there is a state level or national level event.

The sports facilities on the campus are:-

Out door Games

Athletics Track (400mts) -

1

Indoor Games

Table Tennis Boards -

2

Volley Ball Courts	-	7	Carroms and Chess	-	6
Lawn Tennis	-	1			
Girls Play Arena					
Ball Badminton	-	2	Tennicoit	-	6
Foot Ball Field	-	1	Throw Ball	-	3
Basket Ball Court	-	1			

Medical Facilities

A dispensary is in place on the campus attended by a Doctor and a Nurse. It has facility for administering first-aid and treating minor ailments.

Hostels

Well-maintained hostels with all amenities and facilities are available for 600 Boys and 300 girls. Boys and girls hostel are located on the campus. A chief warden, assisted by four assistant wardens, guides and monitors.

Parking Facility

This facility for both 2 wheelers and cars is provided on the campus to accommodate about 150 vehicles.

Mineral Water Plant

Reverse Osmosis Plant of Capacity 400 lts per hour is in operation to cater drinking water needs of whole campus.

Bank

Situated in the close vicinity of the University is a UCO Bank, Vadlamudi, a full fledged Bank which

Central Library

An artistically designed octagonal and air-conditioned library with more than 37,500 volumes, plenty of audio-visual materials and about 250 national and international journals, offers a rich repository of knowledge for carrying out self study and taking up advanced research. It has a seating capacity for more than 600 students, with a separate enclave for faculty and research students. In addition, a reading room facility is provided for the convenience of undergraduate students. Apart from the regular books relevant to the curriculum, a rich collection of books and Journals, useful for general study and research activities, are accessible to the faculty and students.

The library automation system has been indigenously designed and developed by the Computer Science & Engineering students as a part of student research programme. This helps to reduce congestion at

the counters during the peak hours and helps in the efficient management of library procedures for convenience of the increased number of students.

The Library surveillance system, consisting of closed circuit cameras with its randomly timed video footing, helps to control possible pilferage of library resources.

Digital Section

The 25 user digital section helps staff and students not only to use the Internet but also enables them to use the 159 online international journals. Multimedia systems have been installed in the library to enable learning through digital resources like CDs, Internet. More than 1500 multimedia CDs are made available for reference.

The digital library, with its high speed internet connection and access to on-line Journals, is indeed a shot in the arm for the students preparing for competitive exams like GATE, GRE, CAT and TOEFL besides helping them to collect and compile material for paper presentation, seminars and related academic engagements.

Departmental Libraries

A separate library for each department has been arranged in order to provide the specialized books exclusive to the concerned departments. Each and every departmental library holds around 300 books and B.Tech and M.Tech project reports as also previous examination papers. Some advanced books for research purpose and latest issues of the journals are also made available in these libraries.

Library Software

Java Technologies: Servlets, JSP

Database: MySQL

Web Server: Apache Tomcat

Software has been developed, tested and implemented in tune with any professional software.

The library subscribes to a host of online IEEE journals which fosters research zeal, among both the faculty & students.

The students are encouraged to participate in various college events, Inter college competitions, students

Short Term courses , VIGNAN Quest & Vignan Mahotsav were conducted annually.

Soft Skill Development Facilities – PDP classroom instruction
Language laboratory
Internet Laboratory

Number of Classrooms and size of each

52 Class rooms available total area of 6050 sqm

Number of Tutorial rooms and size of each

12 Tutorial rooms available each 960 sqm

Number of laboratories and size of each

37 laboratories total area of 7071 sqm .

Number of drawing halls and size of each

One drawing Hall size 122 sqm

Number of Computer Centres with capacity of each

10 computer center with total area equal to 1531 sqm

Central Examination Facility, Number of rooms and capacity of each.
Teaching Learning process

- Curricula and syllabi for each of the programmes as approved by the University.

As per the JNTU rules

- Academic Calendar of the University
- Academic Time Table
- Teaching Load of each Faculty: 2 theory subjects and laboratory class or 1 theory subject and 3 laboratory classes
- Internal Continuous Evaluation :
 1. online examination conducted by JNTU
 2. written test conducted by the college.
- Students' assessment of Faculty: Student feed back is taken twice in each semester. – one at the beginning and the other at the end of the each semester.

We provide a detailed lecture plan for every course to the students at the beginning of academic session. This lecture plan consists of objectives of the course, prerequisites, downstream courses and topic(s) to be covered in each period and assignments. This prepares the students to learn the course with an integrated approach. Theory classes supplemented by industrial visits to local industries and 6-week industrial training provide the students the much needed hands-on-experience.

Slow learners are identified at the beginning of the session itself by way of class tests and are given extensive coaching through audio-visual aids after regular college hours.

Each staff member is allotted 15-20 students for counseling, so as to solve their psychological and academic problems.

For each Post Graduate programme give the following:

i. Title of the programme

M.Tech (Machine Design)

M.Tech (Chemical Engg.)

M.Tech (Power Electronics and Drives)

M.Tech (Computer Science and Engineering)

M.Tech (Information Technology)

M. Tech –(Embedded Systems)

M.Tech (VLSI)

M.Tech (Bio-Technology)

ii. Curricula and Syllabi

As per University Prescribed Syllabus

iii. Faculty Profile **Enclosed in Compliance Report**

Machine Design Programme

SI	Name	DESIGNATION	Qualification	Subject Teaching
1.	Mr. P.B.G.S.N. Murthy	Asso. Prof. & HOD	M.E	Creep Fatigue Fracture Mechanics
2.	Mr. P.M.V. Rao	Asso. Prof	M.Sc (Engg)	Experimental Stress Analysis
3.	Mr. T. Sunil Kumar	Asst. Prof	M.Tech	Advanced Mechanisms

Chemical Engg. Programme

SI	Name	DESIGNATION	Qualification	Subject Teaching
1	Dr. Y. Prasanna Kumar	Associate Professor	Ph.D.,	Advanced Bio – Chemical Engineering
2	Mr. P. Ashok Kumar	Asst. Prof	M.Tech	Advanced Numerical Methods

M.Tech - Power Electronics and Drives

SI	Name	DESIGNATION	Qualification	Subject Teaching
1	Dr. G. Kesava Rao	Professor	Ph.D	High Voltage DC Transmission
2	Mr. P.V. Subrahmanya Sobhan	Associate Professor	M.E	Programmable Logic Controllers and their applicants Flexible AC Transmission Systems
3	Mr. Y.R. Tagore	Associate Professor	M.E	

M.Tech - Embedded Systems

SI	Name	DESIGNATION	Qualification	Subject Teaching
1	Dr. D. Venkat Rao	Professor	Ph.D	RTOS
2	Ms. N. Usha Rani	Associate Professor	M.Tech	DSP Processors and Architectures CPLD & FPGA Architecture and Applications
3	Mr. T. Pithaiah	Associate Professor	M.Tech	

M.Tech – Computer Science and Engineering.

SI	Name	DESIGNATION	Qualification	Subject Teaching
1	Dr. M. Seetharamnajaneyulu	Professor	M.Tech	Embedded Systems
2	Mr.K.V.K. Kishore	Professor	M.Tech	OOAD
3	Mr. S. Azaghuvel	Assoc. Prof	M.Tech	DWM

M.Tech – Information Technology.

SI	Name	DESIGNATION	Qualification	Subject Teaching
1	Dr. K. Venkat Rao	Professor	M.Tech	Embedded Systems
2	Mr. A. Raghu Nadh	Associate Professor	M.Tech	OOAD
3	Mr. Prakasa Rao	Assist. Prof	M.Tech	DWM

➤ Brief profile of each faculty.

Enclosed in Compliance Report

- Laboratory facilities exclusive to the PG programme

M.Tech Machine Design

Machine Dynamics Lab

S. No.	Name of the Equipment
1	Viscous Damping equipment
2	Forced vibration equipment
3	Static Balancing equipment
4	Dynamic Balancing equipment
5	Gyroscope
6	Vibration Analysis equipment

Simulation Lab

S. No.	Name of the Equipment
1	CNC lathe machine
2	Ansys Soft ware
3	CADian Mech Soft ware
4	Computer Systems –32
5	Pro-E Software
6	Iron CAD Software

M.Tech Chemical Engineering :

Process Modeling & Simulation Lab (Advanced chemical Engineering Lab – I)	1. Binary Distillation Column 2. Adsorption 3. Catalytic Reactor 4. Dryer 5. Filtration 6. Multi Component Flash Column 7. Computer Systems (20) 8. CHEMCAD Simulation Software
Advanced chemical Engineering Lab – II	9. Single effect evaporator 10. Shell & Tube Heat Exchanger 11. Liquid Liquid Extraction (Packed Column) 12. Bubble Cap Distillation Column 13. Adsorption in Silica Gel 14. Cascade Control 15. Flow Control Trainer 16. Packed absorption column 17. Vacuum Dryer 18. RTD Studies in Plug Flow Reactor

M.Tech - Power Electronics and Drives

Power Converters Lab	1. Thyristorised drive for PMDC motor with speed measurement and closed loop control 2. 3 phase input IGBT, 4 quadrant chopper drive for DC motor with closed loop control 3. Cycloconverter based AC induction motor control equipment 4. Speed control of 3 phase wound rotor induction motor
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Dept, of Electronics & Communication Engineering

HDL Simulation & FPGA Synthesis Lab (M.Tech.)

Sl.NO	Equipment	Qty	Date of Purchase	Total Cost (Rs.)
1.	Intel D930 Systems Mother Board – 945 GZ RAM – 512 MB Hard Disk – 80 GB NIC – 10/100 MBPS VGA – On board Monitor – CRT 17 Key board – Multimedia 110 Keys Mouse – Optical CD – CDR / W & DVD Reader	20	24-07-07	3,20,000

Embedded Systems Lab

Sl.NO	Equipment	Qty	Date of Purchase	Total Cost (Rs.)
1.	Software: C51, Professional Developer's Kit, Version 8.0, Educational License Make: Keil PK51-ED	04	07-07-2008	1,35,000
2.	Software: Real View Microcontroller Development Kit, Educational License Make: Keil MDK-ARM-ED	04	07-07-2008	2,16,000
3.	USB/JTAG Adapter Make: Keil ULINK2-ED	02	07-07-2008	19,800
4.	Single Board Computer/Evaluation Board for STM STR 91 x series Make: Keil MCBSTR9	02	07-07-2008	32,000
5.	Single Chip MCU Trainer Model: ESA MCB – 51	12	11-07-2008	36,840
6.	Power Supply, <u>+5V@3A</u> , <u>± 5V@3A</u> ; <u>± 12V@250mA</u> ; <u>± 30V@100mA</u> Model: ESA PS M2	12	11-07-2008	15,000
7.	Single Board Computer / Evaluation Board for Philips LPC21 4x series Model: ESA Keil MCB2140	04	11-07-2008	39,600
8.	8 Channel 12 Bit ADC Interface with MUX Model: IF-8ADC12M	02	11-07-2008	6,860
9.	DAC for ADC & Temp. Sensor Interface Model: IF-DADC	02	11-07-2008	1,460
10.	Real Time Clock Interface; Model: IF-RTC	02	11-07-2008	1,460
11.	Stepper Motor Interface with Stepper Motor (3k gem) & Power Adapter Model: IF=STEP	02	11-07-2008	6,030
12.	4x4 Matrix hex key board Interface, Model: IF-HEX KBD	02	11-07-2008	1,660
Total Amount				5,11,710

(M.Tech.) VLSI Lab

Sl. No	Name of the Equipment	Qty	Date of Purchase	Price(Rs)
1	Xilinx Vlsi Design Software : Both Front end & Back end. ISE software for VLSI Design consists of design entry using VHDL.	10 users	03-01-2005	60,000
2	SE – XCR – BRD- Xilinx CPLD Demo Board	2	03-01-2005	30,000
3	SE-SP2-BRD-Xilinx FPGA Demo Board	2	03-01-2005	36,000
Total				1,26,000

M.Tech – Embedded systems

HDL Simulation Lab	VHDL & Very log Code Composer Studio DSP Trainer Kits.s
FPGA Synthesis Lab	

M.Tech – Computer Science and Engineering

Designed Analysis of algorithm through C++	P – IV IMB Make , 512 MBDDr2, 80 GB Rational Suite Enterprise Edition
OOAD through UML	P – IV IMB Make , 512 MBDDr2, 80 GB Imp rise Borland Turboc ++ Suite

Special Purpose

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

The M.Tech programme has gone through only two semester since its inception

- Contact address of co-ordinator of the PG programme
Name: Dr. K.V.N. Srinivasa Rao
Address: Director, PG Studies , R&D
Telephone: 0863 - 2534643
E-mail: kvnsrao@yahoo.com