

Details of infrastructure in the Deemed to be University:

(i) Building (Master Plan of the Deemed University shall be enclosed)

Name of the Building	Owner ship	Plinth Area	Covered area	Cost / estimated	Status of building i.e. complete / incomplete	Whether plans & estimates approved by competent authority.
Visweswaraiah Block (H)	VFSTR	12267 sqm	12,267 sqm	730 Lakhs	Completed.	Approved
Aryabhata Orbit (U)	VFSTR	18250 sqm	18250 sqm	1080 Lakhs	14600 sqm Completed. 3650 sqm Under construction	Approved
NTR Vignan Library	VFSTR	2760 sqm	2760 sqm	165 Lakhs	1380 sqm Completed. 1380 sqm Under construction	Approved
Other built up area	VFSTR	9100 sqm	9100 sqm	540 Lakhs	6100 sqm Completed. 3000 sqm Under construction	Approved
Green Area	VFSTR	1,28,746 sqm	1,28,746 sqm	-	Completed.	Approved
Boys Hostel	VFSTR	6000 sqm	6000 sqm	355 Lakhs	Completed.	Approved
Girls Hostel	VFSTR	8364 sqm	8364 sqm	500 Lakhs	5576 sqm Completed. 2788 sqm Under construction	Approved
Guest House	VFSTR	4088 sqm	4088 sqm	300 Lakhs	2044 sqm Completed. 2044 sqm Under construction	Approved

Administrative Office

Administrative Office, equipped with all necessary arrangements, is established in the main block to enable quick day-to-day decision making and to facilitate the multifarious activities of the institution. It consists of a Vice-Chancellor's Chamber, Registrar's Office, Main Office, Reception Counters and Examination Cell. The examination cell contains facilities for online examination and for data processing. This is the place where academic work is monitored, major policy decisions are taken and monitoring of students progress is carried out. Administrative Office is supported by a number of skilled non-teaching staff and reprographic facilities.

Reprographic facilities

Creating an ergonomically designed work place to enhance productivity is the ultimate goal of the organization. It is the only objective of the university not to provide the necessary paraphernalia but also to make optimum utilization of the same. These facilities are accessible to both students and staff

No. of Printers	-	40
No. of Xerox Machines	-	2
No. of Scanners	-	5
Designer Jet Printer	-	1

Class Rooms

The institution has adequate number of well furnished, well ventilated and spacious classrooms having 20 – 25% more space than prescribed by AICTE norms.

About 30% of classrooms are equipped with ICT learning equipment like LCD & OH

Projectors.

All the classrooms are furnished with chairs and dual desks to inculcate professional approach.

Some of the rooms have specially designed gallery and furnished with modern furniture.

Open Air Theatres

Two spacious open air theatres are constructed with a seating capacity for 1500 to 2000 students for the use at different co-curricular and extra curricular activities and also to conduct mega events like Vignan Mahostav (A National Level Youth Festival), which is a regular annual event at Vignan.

Seminar Halls

Two well-furnished and spacious (250 sq.m. and 250 seating capacity each) *centrally air-conditioned seminar halls* are in place to conduct co-curricular and extra curricular activities. Each seminar hall is fitted with LCD Projector and public address system. These seminar halls are also used to conduct cultural programs like Dance, Drama and Music.

Usage :

- i. Group Discussions
- ii. Personality Development Programmes
- iii. Guest Lectures
- iv. Cultural Activities

Laboratories

All laboratories are well equipped, well maintained and enable not only conduction of curriculum – oriented experiments but also to carry out project and research oriented works. **The worth of the equipment in the laboratories is about Rs. 542 Lakhs.**

Major Hardware / Equipment

S.No	Title	Qty	Amount	Usage
1	Computers (P – IV)	893	2,25,00,000	High end computers for both day-to-day practicals and research activities.
2	Servers	7	7,70,000	Application & file servers for academics & administration.
3	Printers	48	4,81,000	For producing hard copies of both academic & administrative records.
4	LCD Projectors	20	9,00,000	For e-class rooms and for presentations.
5	CISCO Router	1	1,75,000	Bandwidth, Internet Controlling

6	Internet 8mbps (Convertor)		3,00,000	24 x 7 utility
TOTAL			2,51,26,000	

900 computers are placed in various laboratories as against 700 required by AICTE norms. The student to computer ratio of 3:1 is maintained to facilitate easy access and availability of more time for students to use as ICT tool.

Major Software

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
School of Chemical	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
	CHEM–CAD	Software Axiom Engineers Pvt. Ltd, Mumbai	2,96,000	Useful for simulation, and scheduling the product
TOTAL			28,44,220	

Major Equipments (Costing more than Rs. One lakh)

Name of the School	Name of the Equipment	Cost	Make	Date of Purchase	Whether in working condition
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School of Chemical Engineering	Cascade Control Drier	1,07,000	VI Micro Systems	30-04-2003	Working
	CHEM CAD Software	2,96,000	Axiom Engineers Pvt, Ltd	04-10-2006	Working
	TSPL Simulation Software	1,65,000	Triangle Simulation Pvt, Ltd.	24-11-2004	Working
	HPLC	7,00,000	Shimadzu	15-03-2008	Working
School of Computing (CSE, IT, MCA)	Computer Science and Engineering				
	Computers	04,00,000	Intel	01-09-1997	Working
	Computers	04,95,000	Intel	05-06-1998	Working
	Computers	05,82,500	Intel	02-06-2000	Working
	Computers	02,15,000	Intel	02-06-2000	Working
	Computers	02,64,715	Intel	13-09-2002	Working
	Server	1,43,000	IBM	05-01-2004	Working
	Computers	02,00,000	Acer	08-10-2004	Working
	Other Hardware	01,00,000		11-12-2004	Working
	AC	02,41,499	Voltas	29-08-2005	Working
	Software	04,60,000	Hi-Class	17-10-2005	Working
	Other Software	02,98,593		17-10-2005	Working
	UPS	02,34,000	Liebert	13-03-2006	Working
	Computers	14,73,360	IBM	14-06-2006	Working
	UPS	02,21,154	Liebert	01-09-2006	Working
	Servers	03,43,200	IBM	04-10-2006	Working
	AC	02,00,000			Working
	Computers	15,91,304	IBM	16-10-2006	Working
	Computers	02,08,000	HCL	24-07-2007	Working
	Computers	13,68,000.	HP	26-05-2008	Working
	Software	03,00,000.	Rational Suite	31-12-2004	Working
	Information Technology				
	CLIENT SYSTEMS (20)	3,90,800	IBM	16-10-2006	Working
	CLIENT SYSTEMS (41)	17,69,200	IBM	12-06-2007	Working
	1 SERVER SYSTEM	1,14,000	IBM	15-11-2006	Working
	3 AIR CONDITIONERS	2,41,500	VENTURE	16-10-2006	Working
	2 UPS (6KVA)	2,25,000		12-12-2006	Working
	SOFTWARES	3,98,710			Working
	OTHER HARDWARE PARTS	19,20,952			Working
	IBM SYSTEMS (20)	3,90,800	IBM	16-10-2006	Working
	CLIENT SYSTEMS (60)	15,30,000	IBM	31-10-2005	Working
	CLIENT SYSTEMS (14)	2,73,560	IBM	16-10-2006	Working
	1 SERVER	1,14,000	IBM	4-10-2006	Working
	3 UPS (7KVA)	2,80,000	MERCURY	29-11-2006	Working
	3 CENTRALIZED AIR CONDITIONERS	1,95,000	VENTURE	10-11-2005	Working
	CLIENT SYSTEMS (30)	4,80,000	HCL	24-7-2007	Working
	Master of Computer Applications				
	62 Systems	10,00,500	HCL – 61 IBM – 1	24-07-2007	Working

School of Electronics and Communication Engineering	PSPICE software Orcad Capture – 5 Users Orcad Pspice A/D – 1 User a) Hardware Dongle Key – 1 No. b) Cadence Licensed Files CD –1 No. c) Electronic Design Software Release PSD 14.2 – 3 Nos. d) Electronic Design Software Update Release PSD 14.2 QSRI – 2 Nos.	1,04,000	PSPICE	27-01-2004	Working
	VHDL Software HDL, designer series – Modelsim SE Mixed HDLs Leonardo spectrums	1,65,000	Mentor Graphs	20-08-2003	Working
	Online UPS Systems with 1 Hour Battery back up	1,15,000	Liebert make 6 KVA	01-09-2006	Working
	MATLAB (10 Users)	8,22,885	Crane	05-12-2006	Working
	Xilinx VLSI Design Software	1,19,070	Xilinx	03-01-2005	Working
	Micro wave benches	1,97,030	Sico, Hi-Q	30-12-2000	Working
	DSP Trainer Kits with CCS	2,47,775	Crane	07-07-2005	Working
	School of Electrical and Electronics Engineering	Rectifier 3 ϕ , 415V: input 0-230V, 100A, O/P	1,29,344	Kosi Controls, Mumbai	02-08-1999
MAT LAB		5,00,950	Cranes software International Ltd, Bangalore	01-08-2006	Working
3 ϕ input IGBT, 4 quadrant chopper drive for DC motor with closed loop control		1,47,765	Vi Micro Systems Pvt. Ltd., Chennai	24-10-2006	Working
Speed control of 3 phase wound rotor induction motor		1,15,250	Vi Micro Systems Pvt. Ltd., Chennai	24-10-2006	Working
School of Mechanical Engineering	Namratha student Lathe	1,14,910	Namratha	09-05-2000	Working
	Panther Lathe Machine	1,58,530	Panther	15-05-2000	Working
	Milling Machine	1,26,500	master model Suraj	15-05-2000	Working
	Francis turbine Test Rig	1,05,000	Consolidated Equipment and Services, Chennai.	05-02-2001	Working
	Universal Testing Machine	2,69,115	Blue Star, Chennai	10-09-1999	Working
	Multi Cylinder Petrol Engine	2,00,000	Maruthi, supplied by Tech-ed, Bangalore.	26-11-2006	Working
	Re-circulating type Air Conditioning test rig.	1,30,000	Tech-ed, Bangalore.	26-11-2006	Working

	CADian Mech (32 user) CAFEEM + FEMAP	3,78,560	CAAM Technologies, Visakhapatnam	03-09-2003	Working
	ANSYS 8 (5 Licenses)	3,80,000	Ansys Software Pvt. Ltd, Bangalore.	12-09-2003	Working
	Pro – E (3 user) + Iron CAD (32 user)	2,25,000	Adroitech Information Systems Ltd. Pondicherry	14-09-2006	Working
	CNC Lathe Trainer	5,60,000	MTAB Engineers Pvt. Ltd., Chennai.	24-08-2002	Working
School of Bio- Technology	UV-Visible Spectrophotometer With PC Based software	1,41,000	ELICO Ltd., Hyderabd.	08-12-2007	Working
School of Civil Engineering	Surveying Lab	2,19,180	Lawrence & Mayo (India) Pvt.Ltd.	15-07-2009	---
School of Management Studies	41 Systems	10,25,000	Acer Computers	22-09-2004	Working
TOTAL		2,66,28,211			

Common Facilities

All the Professors and Heads of Departments are provided with well furnished Office rooms supported with attached bathrooms. An individual computer facility with latest configuration is provided to the faculty at the rank of Assoc. Professor and above. In addition to this, each staff cabin is provided with a computer system with Internet facility. All personal computers are connected to INTRANET and Internet.

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
Volley Ball Courts - 7
Lawn Tennis - 1

Indoor Games

Table Tennis Boards - 2
Carroms and Chess - 6

Girls Play Arena

Ball Badminton - 2
Foot Ball Field - 1
Basket Ball Court - 1

Tennicoit - 6
Throw Ball - 3

Medical Facilities

A dispensary 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 serves the needs of the students and the staff.

Library

Central Library

An artistically designed octagonal and centrally 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 further 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 project reports and 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.

(iii) Books and Journals pertaining to the programmes of the University

Name of the Department	Total No. of books purchased	No. of Journals subscribed		Total Cost	
		National	International	Books	Journals
CSE	4556	2	16	1463322.00	152135
IT	3882	2	16	1303019.02	147455
ECE	6200	4	51	1838012.00	405843
EEE	3400	2	14	917642.38	129010
CHEMICAL	2479	10	4	1073069.00	140630
MECHANICAL	3800	8	9	974872.68	119278
BIOTECHNOLOGY	1600	7	2	835040.87	24398
CIVIL	1200	4	2	363606.00	7450
MECHATRONICS	1000	2	2	256545.17	6578
MBA	2791	12	2	988049.77	38135
MCA	1338	2	6	478101.90	42754
SCIENCE&HUMANITIES	4523	5	13	1019584.00	75295
INTERDISCIPLINARY	828	5	10	123399.78	78561
TECHNICAL MAGZINES	-	39	-		140880
COMPETITIVE MAGZINES	-	7	-		14842
POPULAR MAGZINE	-	16	-		50955
Total	37597	127	147	11634264.57	1574199

14. Details of students enrolled

Despite being a Self financed, Private Institution, the overall student composition is more or less in accordance with the norms of admission prescribed by UGC / AICTE. The student matrix is as follows:

Name of the course	Students enrolled									
	Gen		SC		ST		OBC		Total	
	M	F	M	F	M	F	M	F	M	F
B.Tech	650	169	5	0	12	1	87	17	754	187
M.Tech	61	44	1	3	0	0	33	5	95	52
MBA	69	52	0	0	1	0	18	7	88	59
MCA	27	20					1	2	28	22

Total	807	285	6	3	13	1	139	31	965	320
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15. Teaching staff

Name of the Department	Name of the Teacher	Designation	Age	Educational Qualifications (whether qualified as per UGC regulations)	Teaching experience in years	Date of appointment	Whether full time part time	Regular ad-hoc	Scale of Pay	Trained Yes / No. if yes details	No. of publications
<p>We have a rich mix of Young and experienced faculty, good research abilities catering to the needs of the students. Senior Professors are sourced from institutes of National repute like BHU, NITs etc</p> <p style="text-align: center;">Enclosed at Annexure - VII</p>											

16. Research publications of the faculty

- **International**
- **National**

S.No	Department	National	International
1	CHEM	20	55
2	CSE	1	5
3	ECE	32	15
4	EEE	16	27
5	IT	20	20
6	MECH	14	16
7	Bio-Tech	14	10
8	MBA	-	-
9	MCA	3	3
10	BSH	30	17

(Details at Annexure – VIII)

17. Non-teaching staff

Sl. No	Name	Designation	Age	Qualification	Scale of Pay	Date of Appointment	Trained Yes / No if yes details
<p>We have adequate number of Non-teaching staff, both Technical and Secretarial with Diplomas / Degrees in their respective domains.</p> <p style="text-align: center;">Enclosed at Annexure - IX</p>							

18. Seminar / Conferences / Symposia organized by the Institute

- **International**
- **National**

S.No	Department	National	International
1	CHEM	4	-
2	CSE	3	-

3	ECE	5	-
4	EEE	4	-
5	IT	-	-
6	MECH	5	-
7	Bio-Tech	-	-
8	MBA	-	-
9	MCA	5	-
10	BSH	1	-

(Details at Annexure – X)

19. Seminar / Conferences / Symposia attended by the faculty

- International
- National

S.No	Department	National	International
1	CHEM	12	-
2	CSE	39	12
3	ECE	50	2
4	EEE	53	7
5	IT	11	2
6	MECH	9	13
7	Bio-Tech	36	8
8	MBA	6	3
9	MCA	11	-
10	BSH	156	7

(Details at Annexure XI)

20. No. of Books published by the Faculty

S.No	Department	No. of Books
1	CHEM	-
2	CSE	-
3	ECE	-
4	EEE	-
5	IT	-
6	MECH	1
7	Bio-Tech	4
8	MBA	-
9	MCA	9
10	BSH	2

(Details at Annexure – XII)

21. Estimated expenditure during the next three years

Head	(Rupees in Lakhs)	(Rupees in Lakhs)	(Rupees in Lakhs)
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	Budget	Expenditure Incurred	Budget	Expenditure Incurred	Budget	Expenditure Incurred
	2009 - 10	2009 - 10	2010 - 11	2010 - 11	2011 - 12	2011 - 12
1 Fee Collection	1,564.00	-	3,232.00	-	5,362.00	-
Donations Received	-	-	-	-	-	-
Grant - in - Aid	-	-	-	-	-	-
Any other Source:						
Funds from the Society	-	-	-	-	-	-
Total	1,564.00	-	3,232.00	-	5,362.00	-

Recurring Expenditure						
A Salaries						
* Salary of Teaching Staff	632.00	-	1527.00	-	2,735.00	-
* Salary of Non-Teaching Staff	130.00	-	185.00	-	215.00	-
* Guest Lecturers	5.20	-	9.50	-	15.00	-
* Services	2.00	-	3.00	-	5.00	-
* Students Activities	14.25	-	18.00	-	22.50	-
Total A	783.45	-	1,742.50	-	2,992.50	-

B Any Other, please specify						
* Bank Charges	2.00	-	2.40	-	3.00	-
* Telephone & Internet Charges	34.50	-	40.25	-	60.00	-
* Advertisement Charges	65.00	-	90.00	-	125.00	-
* Audit Fee	1.00	-	2.00	-	5.00	-
* Affiliation, Registration, Inspection	2.50	-	4.00	-	5.00	-
* R & D Expenses	125.00	-	175.00	-	225.20	-
* Administrative Expenses	46.50	-	60.25	-	75.50	-
* Short Term Programmes / Work Shops	10.50	-	16.75	-	23.00	-
* Industrial Visit	2.50	-	4.25	-	6.50	-
Miscellaneous Expenses						
* Interest / Rent payments	6.00	-	7.20	-	9.00	-
Total B	295.50	-	402.10	-	537.00	-

Head	(Rupees in Lakhs)		(Rupees in Lakhs)		(Rupees in Lakhs)	
	Budget	Expenditure Incurred	Budget	Expenditure Incurred	Budget	Expenditure Incurred
	2009 - 2010	2009 - 2010	2009 - 2010	2009 - 2010	2009 - 2010	2009 - 2010
Non - Recurring Expenditure						
C Academic Buildings						
* Construction Cost	204.80	-	671.40	-	1,192.50	-
D Laboratories / Computing Centre						
* New Equipment	170.00	-	250.00	-	400.00	-
* Furniture	20.00	-	35.00	-	50.00	-

* Other Assets	23.50	-	35.00	-	50.00	-
* Operation & Maintenance	39.25	-	50.00	-	60.00	-
Library						
* Books	20.00	-	30.00	-	50.00	-
* Journals	4.50	-	10.00	-	20.00	-
* E – Resources	3.00	-	6.00	-	10.00	-
Total	280.25	-	416.00	-	640.00	-
Grand Total (A+B+C+D)	1,564.00	-	3,232.00	-	5,362.00	-

22. Whether employability of Pass-outs has been ensured

Though the Deemed University status has been conferred on us only recently, Vignan University has taken proactive steps to ensure future employability of its pass-outs. The curriculum as a whole and the syllabus in particular has been designed after carrying out extensive deliberations in the Board of Studies (BOS) meetings. The BOS of each School in the University has been constituted by selecting veterans from the industry and senior professors as well as researchers from premier academic and research institutions like IITs, NITs, etc. Besides adopting innovative teaching learning processes for quality instruction of the subject, Vignan University follows diversified curriculum, which incorporates the study of Management & Humanities courses as well as industry recommended add-on courses. This integrated course enables students to plan for multiple career options like Civil Services, MBA or MS besides seeking jobs in the industry. Frequent industry tours and summer practice school from II year B.Tech and II semester for PG students has been planned to give them hands on experience and make them readily employable on completion of the course.

The fully functional Training & Placement Cell caters to the needs of students aspiring for employment. The T & P cell has a Placement Officer of Professor cadre and a Training Officer of Associate Professor cadre. There are Five Assistant Professors, besides a DEO, to support the Training & Placement functions of the Department.

The T & P Cell explores every possible opportunity to strengthen the Industry-Academia relationship. The in-house trainers of the institution in collaboration with other departments as well as external training agencies, conduct continuous training programmes to impart soft skills and domain skills, specially sought by the industry. Besides generating awareness among the outgoing students about the job prospects in various sectors of the industry, the T&P cell organizes recruitment drives, arranges for guest lectures by leading Professionals from the Industry, organizes Work-shops in

collaboration with Industry and carries out liaison with Industry for sending students for Summer Practice Schools. Also the T&P Cell continues to support students even after they graduate and leave the college. It maintains contact with the recruiting personnel of various companies and arranges campus drives for passed-out students.

On an average 65% of students have been placed during the last 5 years and another 25% have gone on to pursue higher studies. In recognition of the Training & Placement Services rendered by Vignan's Engineering College (before being conferred with the University status) the Chief Minister of A.P presented a special award of appreciation to the institution in the academic year 2005-06 for securing the highest number of placements among all the JNTU affiliated colleges.

23. New Courses started / Courses at the time of Conferment:

(a) Courses offered at the time of conferment of Deemed to be University status

Name of the Course	Intake capacity	Corresponding Infrastructure					
		Building (Covered area)	Equipment (Worth in Rs.)	Books & Journals (Worth in Rs.)	Faculty		
					Prof	Reader	Lecturer
School of Chemical	60	2179 sqm	51,91,155	18 Lakhs	2	5	12
School of Computing (CSE, IT, MCA)	120	1920 sqm	1,03,96,810	15 Lakhs	8	15	60
	120	1654 sqm	91,07,182	13.5 Lakhs			
	60	2106 sqm	11,63,400	7.5 Lakhs			
School of Electronics	120	2500 sqm	69,82,760	15 Lakhs	3	11	49
School of Electrical	120	1919 sqm	34,12,136	10 Lakhs	3	6	18
School of Mechanical	60	2358 sqm	64,11,889	10 Lakhs	4	7	12
School of Bio-Technology	60	1900 sqm	7,85,490	8 Lakhs	2	3	13
School of Management	60	1936 sqm	11,63,400	7 Lakhs	3	3	12
School of Civil	60	900 sqm	2,19,000	3.5 Lakhs	1	3	5
BS & H	-	-	-	23 Lakhs	-	-	-
Total	780	18,472	4,44,50,822	130.5 Lakhs	26	53	181
Total Faculty					260		

(b) Courses introduced after becoming Deemed to be University or courses where intake has been increased

One UG course on Mechatronics and three PG courses in M. Tech (VLSI), M. Tech (Information Technology) and M. Tech (Bio-Technology and Bioprocessing Engg.) have been newly introduced.

1. Mechatronics

Mechatronics, discipline being a hybrid course, with course components from Mechanical and Electronics streams is having great employment potential in the industry. The institution with its established schools of Electronics and Mechanical Engineering, is well equipped with all the necessary laboratories, required faculty and domain expertise to conduct the course effectively. This stream is already being offered by a few other institutions in the state.

2. VLSI

The school of Electronics has been offering the Masters Programme in Embedded Systems over the last three years. Responding to the Industry demand for VLSI Professionals, the specialization in VLSI is being offered from the current academic year.

3. IT

The school of Computing has been offering Post Graduate Degree in Computer Science and Engineering over the last three years. The introduction of M.Tech, Information Technology is only an offshoot of an existing programme. We have the required laboratory and softwares to run this programme.

4. Bio-Technology / Bio-Process Engineering

The Masters in Bio-Technology and Bio-Processing Engineering has been started in response to the growing demand by Industry / Research institution. India is viewed on one of the potential geographic location ideally suited for research in Biotechnology.

Proposed additional programmes

Name of courses (Newly introduced)	Intake	Date of introduction	Corresponding additions in infrastructure (only additional facility created shall be indicated)	Whether approval of statutory council taken (if yes, give approval letter no. & date)	Whether approval of UGC taken	Whether accredited by NAAC / NBA

			Building (covered area)	Equipment (worth in Rs.)	Books & Journals (worth in Rs.)	Faculty					
						Prof.	Reader	Lecturers			
B.Tech Mechatronics	60	July 2009	700 sqm	37 Lakhs	3.5 Lakhs	1	2	2	Approval awaited	Approval awaited	NO
M. Tech (VLSI)	36	July 2009	420 sqm	22 Lakhs	2 Lakhs	1	2	1			
M. Tech (Information Technology)	36	July 2009	420 sqm	22 Lakhs	2 Lakhs	1	2	1			
M. Tech (Bio-Technology & Bioprocessing Engg.)	36	July 2009	420 sqm	22 Lakhs	2.5 Lakhs	1	2	1			

Modified intake

Owing to the global recession and the market forces, this academic year there has seen a significant change in the student preferences in this academic year while opting for Engineering courses. There has been a sharp fall in the demand for U.G programmes like Bio-Technology, Chemical Engineering and Information Technology and even Computer Science & Engineering streams. On the other hand, it is observed, that more number of students are opting for the stream of Electronics & Communications Engineering. **To meet the changed demand, the Institution has made a change in seat distribution within the branches, conforming to the proposed intake submitted to UGC & AIEEE while keeping the overall student intake unchanged.**

Proposed increase / decrease in intake (w.e.f. Academic Year 2009-2010):

Sl. No.	Course	Programme	Existing Intake	Increase in intake	Reduction in intake	Total
1	UG	Chemical Engineering	60	-	20	40
2		Civil Engineering	60	30	-	90
3		Computer Science and Engineering	120	60	-	180
4		Electronics and Communication Engg.	120	330	-	450
5		Electrical and Electronics Engineering	120	90	-	210
6		Mechanical Engineering	60	130	-	190
7		Bio-Technology	60	-	20	40
8	PG	M.Tech (Embedded Systems)	18	18	-	36
9		M.Tech (Computer Science and Engg.)	18	18	-	36
10		Master of Business Administration (MBA)	60	120	-	180
Total			696	796	40	1452

Future Developments

The infrastructure that has been developed by the Institute over the last 10 years is on par with colleges of 20 - 30 years standing. Though, almost all the basic requirements of the institute have been met, we still have to add many things to make this institute a

center of excellence and to realize our vision of developing socially conscious and globally accepted engineers.

With the financial background, the institution can meet the future requirements comfortably. This can be done by involving the following agencies:

- a. Govt. funding agencies like UGC, DST, AICTE.
- b. Collaboration with the reputed labs.
- c. Collaboration with the industry both in financial and technical exchange.
- d. Partnership with Universities abroad.

Also, the Deemed to be University status makes it possible for this institution to incorporate the changes needed in curriculum in real time to meet the rapidly changing technological requirements.