

UNIVERSITY GRANTS COMMISSION
BAHADUR SHAH ZAFAR MARG
NEW DELHI – 110 002

EXPERT COMMITTEE REPORT WHICH VISITED VIGNAN'S FOUNDATION FOR SCIENCE, TECHNOLOGY AND RESEARCH, VADLAMUDI, GUNTUR DT., ANDHRA PRADESH FOR CONFERMENT OF DEEMED TO BE UNIVERSITY STATUS ON 12TH & 13TH APRIL, 2008

I. INTRODUCTION

Vignan's Foundation for Science, Technology and Research, Vadlamudi, Dt. Guntur, Andhra Pradesh applied for deemed to be university status under general category through Ministry of Human Resource Development, Government of India. Accordingly, the Chairman, UGC constituted an Expert Committee, comprising of the following, to make an on the spot assessment of the existing infrastructure and academic facilities and also of its future potential for considering conferment of deemed to be university status under Section 3 of the UGC Act, 1956:

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|----|---|----------|
| 1. | Prof. D. Singh Chauhan
Member, UGC
Vice-Chancellor
Jaypee University of Information Technology
Waknaghat, PO Tumherbani, Tehsil – Kandaghat
Dt. Solan – 173 215, HP. | Chairman |
| 2. | Prof. Raja Gopal
Vice-Chancellor
Jawaharlal Nehru Technological University,
Hyderabad, AP. | Member |
| 3. | Prof. Ranjit Singh
Director
Netaji Subhash Institute of Technology
Dwarka, New Delhi. | Member |
| 4. | Prof. N.C. Shivaprakash
Dept. of Instrumentation
Indian Institute of Science
Bangalore – 560 012 | Member |

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Shivaprakash

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Ranjit Singh

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D. Singh Chauhan

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Raja Gopal

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| 5. | Prof. K. N. Tripathi
Vice-Chancellor
Dr. B. R. Ambedkar Agra University
Agra – 282 004, UP. | Member |
| 6. | Prof. (Ms). Anu Singh Lather
Head, Dept. of Management Studies.
Guru Govind Singh Indraprastha University
Old Delhi College of Engineering Campus
Kashmere Gate, Delhi – 110 006 | Member |
| 7. | Prof. M.B.A. Khan
Dept. of Management Studies
Pondicherry University
R. Venkataraman Nagar, Kalapet,
Pondicherry – 605 014 | Member |
| 8. | Prof. R.P. Bajpai
Vice-Chancellor
Kurukshetra University,
Kurukshetra, Haryana. | Member
&
Representative of
AICTE |

Prof. Raja Gopal could not attend the meeting. Sh. S.C. Chadha, Deputy Secretary, UGC coordinated the visit. The Expert Committee visited the Institute on 12th & 13th March, 2008.

As per the directions received from Government of India, Ministry of Human Resource Development vide letter No. F. 1-31/2006-TS II dated 7th March, 2007, an AICTE team, comprising of the following, also visited the College on the same dates:

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|----|--|----------|
| a. | Prof. R.P. Bajpai
Vice-Chancellor
Kurukshetra University,
Kurukshetra, Haryana. | Chairman |
| b. | Prof. B. Ramamoorthy
Dept. of Mechanical Engineering
Indian Institute of Technology
Madras, Chennai. | Member |
| c. | Prof. Ramesh Garg
Dept. of Electronics & Communication Engg.,
Indian Institute of Technology,
Kharagpur, West Bengal. | Member |

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d. Dr. Rakesh Kumar
Advisor, AICTE

Coordinator

Prior to the actual validation and assessment of the Institute, Prof. D.Singh Chauhan, Chairman of the Committee and Sh. S.C. Chadha, Coordinator of the visit briefed the members of the Expert Committee in a separate meeting about the proposal of the applicant institute received by the UGC for consideration for deemed university status. It was further informed that the proposal is for deemed university status to Vignan's Foundation for Science, Technology and Research comprising of Vignan's Engineering College under the general category. Prof. D. Singh Chauhan then requested the members to visit the institute and to examine the infrastructure and other facilities available and give their observations / suggestions keeping in view the provisions in the UGC guidelines.

Dr. L. Rathaiah, Chairman of the Institute, received the Committee Members along with other functionaries of the Institute and faculty members. A power point presentation was made by Dr. G. Kesava Rao, Dean, Information Cell about the Institution and its activities / programmes. Prof. Rao and other faculty members to the satisfaction of the Members answered various queries raised by the Expert Committee. Thereafter, the Chairman of the Committee divided the Expert Committee into two groups on the basis of their expertise and requested them to visit the Institute:

All members of the Committee visited the common facilities like Administrative Building, Library, Computer Labs, Auditorium, Play Ground, Hostels, Seminar Hall, Auditorium, Canteen, Cafeteria etc..

II. Background of the Institution

Vignan's Engineering College was established in the year 1997 by Lavu Educational Society, Guntur, Andhra Pradesh. A separate trust was created in the name and style of Vignan's Foundation for Science, Technology and Research as required under the

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UGC guidelines. The Institute is located in the rural area near the city of Guntur. The Institute is self-financing and approved by AICTE. It is affiliated to Jawaharlal Nehru Technological University, Hyderabad, AP. The Institute is recognized under Section 2(f) of the UGC Act, 1956 and is certified with ISO 9001:2000.

The institution is offering its academic programmes with 206 teachers and 2431 students through the following courses:-

B.Tech - Electronics & Communication Engineering, Computer Science and Engineering, Information Technology, Electrical and Electronics Engineering, Mechanical Engineering, Chemical Engg., Bio-Technology.

M.Tech – Chemical Engg., Machine Design, Power Electronics & Electric Drives, Embedded System, Computer Science & Engineering

MBA, MCA

Electronics & Communication Engineering, Computer Science and Engineering, Information Technology, Electrical and Electronics Engineering, Mechanical Engineering and Chemical Engg., are accredited by NBA.

The Expert Committee had a detailed discussion with the Management of the Institute, Faculty and the students. **The inspection report based on the discussion, visit to the Institute and various documents / information provided by the Institute is as under:**

III. Inspection Report:

1. Headquarter of the proposed Institute applied for Deemed to be University status with full address:

Vignan's Foundation for Science, Technology & Research

Vadlamudi – 522 213, Guntur (Dt)

Andhra Pradesh..

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2. a) Whether the separate society / trust have been registered in the name and style of the proposed deemed to be university.

YES (Regd. No: 1291 / 07, Dated: 12.06.2007)

b) If yes, name of the Society / Trust promoting the proposed institute(s) for Deemed to be University Status which should be one for all Institutions if the proposal is for more than one Institution.

A Trust on the name of Vignan's Foundation for Science, Technology & Research, has been established on 12th June 2007. A copy of the Trust Deed is at Annexure-I.

3. Details of the individual Institution i.e., year of establishment, No of PG Departments, Faculty (Professors, Readers, Lectures) etc.

Vignan's Engineering College was established in the year 1997.

No. of P.G Departments – 7

Faculty : 206 (Professors : 28, Readers : 54, Lecturers : 124)

Cadre Ratio : 1 : 2 : 5

The PG programmes offered by this Institution are:

Sl. No.	Name of the PG Programme (M.Tech)	2007	2006
		Intake	Intake
1	Masters in Computer Applications	60	60
2	Masters in Business Administration	60	60
3	M.Tech. Computer Science & Engineering	18	18
4	M.Tech. Embedded Systems	18	18
5	M.Tech. Power Electronics & Electric Drives	18	18
6	M.Tech. Machine Design	18	18
7	M.Tech. Chemical Engineering	18	18

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4. Whether movable and immovable assets have been legally transferred in the name of the Society / trust seeking as Deemed to be University.

The assets of the Institute has been given on lease basis for 30 years by the parent trust (Lavu Educational Society , Guntur,) to Vignan's Foundation for Science, Technology and Research vide Deed No. 1291 Dated 12th June 2007. The parent trust has also given an undertaking that the lease deed will be extended to 99 years as and when deemed university will be granted to Vignan's Foundation for Science, Technology and Research. A copy of the lease agreement and undertaking given by the parent trust is at *Annexure-II*.

5. Territorial jurisdiction of the Institution(s) - **All over India.**
6. Thrust areas of the proposed Institution(s) indicating special or innovative features.

Thrust Areas

Fluidized Bed Combustion, Nano Composites, Renewable Energy Sources, Image Processing, Network Security, ADHOC Computer Networks, Data Ware Housing, Unix / Linux, ADHOC Sensor Networks and High Performance Grid Compute, Bio-informatics, Data Mining, Image Processing, Water Pollution, Bio-lubricants, Solvent Extraction, Analysis of Effluents, Power Electronics Drives, Power System Deregulation, Modeling and Application of FACTS devises, DC / AC Drives and p.f. improvement, Biomedical Signal Processing, Signal & Image Processing, Computational Electro-magnetic.

Innovative Features

Innovation in Governance, Planning to ensure accountability to students and parents, Periodical collection of feed back from all the stake holders, Course monitoring Committee, Remedial classes, Personality development programme in the curriculum, Best teacher award, Orientation for the newly appointed teachers, Bridge courses for rural students, industrial training, Live Projects, three tier system of appointment, Special classes for slow learners, Youth festivals in large scale, Bring out VOICE, a monthly magazine by student.

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7. Date(s) of visit of the Expert Committee

April 12th & 13th 2008

8. Is the proposal under General / De-novo Category; if yes please give justification.

The proposal is under General Category.

9. Whether accredited by NAAC/NBA, if yes, rating?

Yes, It has already been accredited by NBA for 3 years in the March 2007 for six courses. A copy of the accreditation letter from NBA is at Annexure-III. The Institute has applied for NAAC Accreditation and the committee is due to visit on 28th, 20th and 30th of April, 2008. A letter received from NAAC is attached at Annexure-IV.

10. Whether the proposed institution(s) is affiliated to any university under Section 2(f)/12B of the UGC Act? If yes, the name of the University.

Yes. The Institute is affiliated to Jawaharlal Nehru Technological University, Hyderabad.

11. Whether the affiliating university willing to examine and confer degree of other awards of students already enrolled with the Institution(s) seeking Deemed to be University Status.

Yes. Letter No. A2 / Vignan's EC – Deemed University / 2007, Dated: 24.03.2007 received from Jawaharlal Nehru Technological University, Hyderabad is at Annexure-V.

12. Source of finance and quantum of funds available:

Institution is self-financed. Hence funds required are derived from student fee. Incase of shortage, the parent society is providing funds. Details are as follows:

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Rupees in Lakhs

Head	2006-07	2005-06	2004-05
Fee	754.57	579.32	552.98
From State Govt.	Nil	Nil	Nil
From UGC	Nil	Nil	Nil
From Others (loan from patent society)	157.43	32.46	37.02
Total	912.00	611.78	590.00

13. Whether the institution(s) is financially and academically viable to run the institution(s) as Deemed to be University.

Yes. The Institution is supported by large educational group 'Vignani' having 35 Institutions spread all over the State of Andhra Pradesh with turnover of Rs 150 Crores.

14. Receipt and expenditure of the Institution(s) for the last 3 years

(Rs. in Lakhs)

Expenditure Heads	2006 - 07		2005 - 06		2004 - 05	
	Budget	Expenditure Incurred	Budget	Expenditure Incurred	Budget	Expenditure Incurred
Recurring:						
Salaries	295.00	287.84	235.00	225.54	180.00	176.22
Salary of Teaching Staff						
Salary of Non Teaching Staff	70.00	67.59	48.00	45.85	35.00	34.71
Teaching Staff	1.50	3.36	3.00	2.00	2.00	2.71
Faculty / Staff	95.00	99.32	60.00	66.61	65.00	51.12
Services	10.00	8.51	7.00	6.99	10.00	13.26
Students						
Activities	56.00	58.50	41.00	44.78	27.00	27.47
Miscellaneous Expenses	1.00	1.15	0.50	1.25	1.00	0.99
Interest payments	10.00	12.25	8.60	9.24	6.00	5.11
/	-	-	1.00	1.00	1.00	
Rent payment	0.40	0.40	0.40	0.40	1.00	1.84
Any other, please specify	6.00	7.22	5.00	8.22	1.00	0.75
Bank Charges	1.00	1.38	1.00	0.24		
SONET expenses	4.10	5.30	4.50	7.45	1.00	0.23
Audit Fee						
Affiliation,						

Registration, Inspection R & D Expenses Miscellaneous						
Non-Recurring Academic Buildings						
Construction Cost	250.00	199.55	110.00	103.36	120.00	115.69
Laboratories / computing Center						
New Equipment	50.00	97.31	40.00	46.29	52.00	69.04
Furniture	20.00	14.94	20.00	17.41	35.00	53.48
Other Assets	7.00	18.85	10.00	10.14	50.00	22.87
Operation & Maintenance	6.00	4.55	5.00	5.06	3.00	2.06
Library						
Books	13.00	20.71	10.00	8.44	6.00	4.52
Journals	2.00	1.10	5.00	1.51	2.00	1.39
E – resources	2.00	2.17	-	-	-	-
Total	900.00	912.00	615.00	511.78	598.00	590.00

15. Whether the permission from the concerned State Govt. has been obtained. If yes, please attach a copy of the permission letter / views of the State Government.

The UGC vide letter No. F. 6-53/2005(CPP-I) dated 01.12.2005 and No.F. 6-23/2005(CPP-I) dated 29.08.2007 & 10.03.2008 requested the State Government of Andhra Pradesh to send its views on the proposal but no reply has been received. The Institute also requested the State Government for NOC vide letter dated 29.08.2007 but no reply was received.

16. Details of UG/PG courses started / to be started

Courses Started

UG Courses:

1. Computer Science & Engineering
2. Electronics & Communication Engineering
3. Electrical & Electronics Engineering
4. Information Technology
5. Mechanical Engineering
6. Chemical Engineering
7. Biotechnology

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PG Courses:

1. Masters in Computer Applications
2. Masters in Business Administration
3. M.Tech. Computer Science & Engineering
4. M.Tech. Embedded Systems
5. M.Tech. Power Electronics & Electric Drives
6. M.Tech. Machine Design
7. M.Tech. Chemical Engineering

To be started:

M.Tech – Communication System, Robotic Control System, Mobile Communications, Software Engineering, Web Engineering, Digital Signal Processing

B.Tech – Electrical and Computer Engineering, Computer & Systems Engineering, Civil Engineering, Mechatronics

17. Whether the Institute has Rs.5 crore Corpus Funds for Engineering Technology, Rs. 3 crore for Science & Social Science and Rs.5 crore Corpus Funds for conducting both types of Programmes. Please specify and indicate the amount after verifying the Corpus Fund.

Yes, Rs. 5.12 Crores Carpus Fund is already deposited as per the details is given below

FDR NO: 189006 /Dated : 31.10.07 for Rs. 2,36,63,803/- UCO Bank, Guntur

FDR NO: 190007 / Dated : 31.10.07 for Rs. 2,77,79,138/- UCO Bank Guntur

Copy of the FDR and an undertaking that the corpus is irrevocable in nature and will only be used with prior permission of UGC is at Annexure-VI.

18. Whether various authority and bodies of the Institute are in accordance with the provisions of the UGC Guidelines.

The MoA / Rules of the Institute are as per UGC model. A copy of the MoA / Rules is attached as Annexure-VII.

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INFRASTRUCTURE:

19. Details of buildings

- i. Permanent : 30697 Sq.m
- ii. Temporary/Lease property : Lease
- iii. Administrative area of 1014 sq.m. is available
- iv. A Area of 24597 sq.m is available for academic & Library purpose
- v. Guest house having 1723 sq.m is under construction and staff quarters are taken on lease.
- vi. Music room and other recreational facilities are created in the area of 200 sq.m

20. Land if acquired, Whether documents verified / land registered in the name of the university and its location.

30.33 acres of Land is taken on leased from Lavu Educational Society, Guntur

Document No.	Survey No.	Extent Acres
3201/1998	273/1	1.20
1790/2001	292/1,2	1.97
1032/2002	292/1	0.09
2267/2001	281	4.00
1386/2003	280/1	0.52
1482/1997	295/1,2,4 & 296/4,5	2.25
1263/1997	291/2	0.66
1264/1997	291/2	0.66
1272/1997	290/2	1.15
1273/1997	290/1	0.88 ½
1488/1997	291/1 & 292/6	4.55
468/1998	290/2	0.50
469/1998	290/1	0.88 ½
2246/2000	292/5	1.12
788/2001	292/5	0.85
1005/1997	290/4	3.69
21/1998	292/5	1.37
1023/2002	280/1, 6 & 283/1	3.98
	Total Acres	30.33

21. No. of Laboratories; give details

Number of laboratories : 44
 Area per student : 6 – 7 Sq.m
 Equipment worth : Rs. 542 Lakhs

Department-wise list of the laboratories is at Annexure-VIII.

22. Whether students already admitted, if yes give details course-wise

Yes. Course-wise list of the Students admitted is at Annexure-IX.

23. Hostel facilities, give details

Hostel facility is available boys hostel is located on the campus while the girl's hostel is located at Guntur. Construction of the new girls hostel is completed and at present 34 girls are accommodated in the newly built hostel.

Accommodation details

Boys Hostel: Rooms : 200, Capacity : 600, Area : 6000 sq.m

Girls Hostel: (Located at Guntur)

Rooms : 50, Capacity : 200, Area : 1116 sq.m

24. No. of class rooms

No. of class rooms : 43, Area per room : 104 sq.m, Area per student : 1.7 sq.m

25. Whether Institute has auditorium

institution has two open air Auditoriums each having capacity 2500

LIBRARY & EQUIPMENT

26. Area in sq.meters : **1380 sq.m**

27. Number of Journals:

National : 65, International : 135

28. Is it digital Library :

**Yes, digital Library with 30 computers with internet capacity 8MBPS
is made available**

29. Does it have reprographic and bar-coding facilities :

Yes. Printers : 1, Xerox : 1, Scanner : 1

30. Whether Equipments, Books and Journals are worth Rs.50 lakhs

Cost of Equipment – Rs. 703 lakhs

Cost of Books - Rs. 93 lakhs

31. Books – give details

List of Books & Journals

S.No	Department	Books		Journals		
		Titles	Volumes	Foreign	National	International
1.	CSE	1686	4242	16	2	5
2.	IT	1478	3538	16	2	4
3.	ECE	936	3698	51	4	4
4.	EEE	619	2913	14	2	2
5.	Chemical	935	2331	5	10	3
6.	Mechanical	907	3065	11	10	7
7.	Biotechnology	406	956	-	8	-
8.	MBA	572	1688	-	12	4
9.	MCA	121	964	6	8	-
10.	BSED					
	Mathematics	357	1310	-	1	-
	Physics	170	592	-	2	-
	Management	818	1080	3	3	6
	English	340	1041	-	-	-
	General	591	755	10	2	35
	Book Bank	567	3166			
	Total	10503	31339			

Total Video Cassettes : 314

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FACULTY AND OTHER STAFF

32. Whether teaching staff appointed, if yes give details

Total Number of Teaching Faculty	:	206
No. of Professors	:	28
No. of Associate Professors	:	54
No. of Assistant Professors	:	124
Teacher – student ratio	:	1 : 12
Cadre Ratio	:	1 : 2 : 5

33. Whether the Institute has five departments – each Department having one Professor two Readers and adequate number of Lectures along with necessary supplementary staff. If so, please give details department – wise.

Institute has Ten Departments having adequate number of Professors, Readers and Lecturers

Name of the Dept.	No. of Teachers in Position			
	Professors	Readers	Lecturers	Total
Chemical Engg.	2	5	08	15
Mechanical Engg.	4	9	08	21
CSE	4	10	13	27
IT	2	6	15	23
ECE	5	8	24	37
EEE	3	6	08	17
Biotechnology	1	2	03	06
BS&H	4	5	32	42
MCA	1	2	05	08
MBA	2	1	08	11
Total	28	54	124	206

A list of the teaching staff is at *Annexure-X*.

34. Whether the Institute is giving pay scale to teachers as prescribed by UGC. If not, is the institute proposed to bring teachers pay scales at par with University teachers?

Pay Scales as per AICTE norms are already adopted.

Pay Scales : Lecturers	:	8000 – 2750 – 13500
Readers	:	12000 – 420 – 18300
Professors	:	16400 – 450 – 20900 – 500 – 22400

35. Whether Non-teaching staff appointed, if yes, give details

Yes. List of the Non-teaching staff is enclosed as Annexure-XI.

36. Is the Deemed University running Distance Education Programme, if yes has it been approved by DEC/UGC

NO – The Institution is not running any Distance Education Programme.

37. Whether the Institution established any off campus or study center or admission center outside the State of its jurisdiction. Please specify.

NO – not established any study centers or off campuses out side the state of jurisdiction

38. Whether the Institute has undertaken any research activities, if so, please give details

Due focus is given to research activities on the campus. Faculty members are encouraged to take up projects and pursue further studies on areas, useful to the local and industry needs. To instill research interest among the faculty members and students, the institution has been able to get a sanction of nearly 90 lakhs from various funding agencies, apart from getting a grant of Rs. 50 lakhs from the management. Students also undertake a number of APCOST projects, which furthers their research zeal in emerging areas of their discipline. The institution has a separate R& D Cell / Committee headed by the Dean, Research activities who maintains regular interaction with community & industry to identify areas of future concern.

The areas of research are

1. Bio-fuels and Bio lubricants
2. Long term monitoring of trace gases present in atmosphere
3. Analysis of Natural Products such solensol, biocolours etc.
4. Nano fluids

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5. Bio – medical engineering
6. Fluid bed combustion process.

Institute provides both registration fee and travel grant to the faculty members presenting Research papers at various conferences.

Sufficient funding is allocated for the procurement of the equipment and other resources needed for research

No. of papers published : 32

No. of papers presented : 158

(List is attached as *Annexure-XII.*)

Research Incentives

A Research Committee to guide and monitor, In-house projects funded by management, 50 lakhs capital by the management, Liberal Travel Grant & Study Leave to facilitate research, Awards & rewards for publications & Paper Presentation, Faculty encouraged and deputed to attend conferences

Association with DRDO, IICT, ISRO for research programmes, Software developed by students

In the last three years

32 papers in international referred journals

29 papers in conference proceedings

MOUs with some industries in product development and testing

Sponsored Research

➤D S T sponsored project entitled "Fluidized Bed Combustion" with a grant of Rs.3.6 lakhs (2003-04 Mech. Engg) (Completed by Dr. KVN Srinivasa Rao, at Vignan)

➤A Major Research project funded by UGC to the tune of Rs.3.6 lakhs on "Digital Signal Processing System for MR Imaging" (Completed by Dr.P.Ramesh at GITAM)

➤Active work is being carried out in "Microprocessor based ECG system design" by Dr. P. Ramesh.

➤"Long term monitoring of trace gases (O₃ and NO_x) present in the atmosphere in the south coastal AP" was sanctioned by ISRO & PRL with an assistance of Rs. 50,00,000/-.

"Analysis of Natural Products and effluents" was sanctioned by AICTE under MODROBS scheme with financial aid worth Rs. 12, 00,000/-.

"Modernization of Embedded and Real time computing Lab" was sanctioned by AICTE under MODROBS scheme with financial aid worth Rs. 7, 00,000/-.

"Augmentation of Thermal Conductivity of Nanofluids" is selected under RPS of AICTE with financial aid for nearly Rs. 9.75 lakhs.

APCOST granted 16 projects worth Rs. 72,000 (2003-04 Chem., Mech., EEE, ECE, CSE &IT)

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39. Whether the faculty members organized or attended International/National Conferences / Workshops, if so, give details.

Conferences / Workshops attended : 154

Conferences / Workshops organized : 16

(List is attached as Annexure-XIII.)

40. Other facilities available at the Institute(s) (give details) which are necessary to support Deemed to be University Status.

- a) On line facility for 150 journals
- b) State of Art Laboratories for Research and facilities for other cultural and social extension activities.
- e) Conduction of National level youth festivals on a large scale
- f) ICT for carrying out effective Teaching – learning.
- g) Seminar Halls & auditoriums for organization of conferences, work shops and technical competitions.
- h) Every department has a research laboratory equipped with all the necessary equipment, software and analytical tools.
- i) Play Ground
- j) Indoor Stadium
- k) Recreation Club
- l) Free Transport Service for staff
- m) Health Centre
- n) Bank
- o) 440 KVA generator

41. Fee Structure : give details

Sl.No.	B.Tech. Programmes	Fee Charges in Rs. / Year
1	Chemical Engineering	29,500
2	Computer Science & Engineering	29,500
3	Electronics & Communication Engineering	29,500
4	Electrical & Electronics Engineering	29,500
5	Information Technology	29,500
6	Mechanical Engineering	29,500
7	Biotechnology	27,500

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Sl.No.	M.Tech. Programmes	Fee Charges in Rs. / Semester
1	Chemical Engineering	25,000
2	Computer Science & Engineering	25,000
3	Embedded Systems	25,000
4	Machine Design	25,000
5	Power Electronics & Drives	25,000

Sl.No.	Other PG Courses	Fee Charges in Rs. / Year
1	Master of Computer Applications (MCA)	24,300
2	Master of Business Administration (MBA)	24,300

42. Admission Policy/Procedure in brief

Under Graduation:

The Institute is an affiliated college of the Jawaharlal Nehru Technological University (JNTU) – Hyderabad and as such follows the admission procedure stipulated by the Government of Andhra Pradesh. 80% of the admissions are made on the basis of ranks secured in the Engineering and Medical Common Entrance Test (EAMCET) conducted by Govt. of Andhra Pradesh. A fair and transparent admission policy is followed to fill the remaining 20% of the seats. The management allots these seats to the deserving students, based on their performance in the qualifying examination.

Post Graduation (Admission to M.Tech Programme)

The students are expected to fulfill the following basic requirements for admission into M. Tech programme.

Should have the qualifying B.Tech degree in the relevant specialization.

Should clear the common entrance test (PGCET or GATE)

Admission to MBA and MCA Programme

Students are admitted into MBA & MCA through the Integrated Common Entrance Test (ICET). The eligibility criterion for MBA programme is UG in any discipline. But, MCA aspirants should have mathematics as one of the subject in their UG programme.

Based on the merit order and rules of reservation, 80% of the admission are made by the convener PGCET / ICET. The management, based on the marks in the qualifying examination, fills the remaining 20% seats.

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43. Examination system in brief

New methods are employed in the examination system making it highly confidential, transparent and precise. The "Electronic Distribution of Examination Papers (EDEP)" along with 4 sets of question papers ensures the confidentiality of question papers and full coverage of syllabus. The seating arrangements which ensures that no adjacent student will get the same set of question paper and the confidentiality of set number which a student will get ensures transparency in examination system. The double valuation of examination answer scripts and the provision for recounting will make the evaluation process foolproof. Proper procedures are in place to deal with the malpractices cases, if any. adhering to the academic schedules for conducting internal examinations, grouping of internal examinations into objective and subjective tests reduce the delay in continuous evaluation process and helps to cover the syllabus in a structured manner. The centralized system to conduct internal examinations starting from announcing timetables, confidentiality in getting question papers, conducting spot valuations, displaying marks is appreciable. Appropriate Software to conduct objective examinations, decryption of question papers are well in place in addition to a standard filing system. The regulations, duties, norms for examinations are clearly mentioned and appropriately displayed. Innovative methods such as surprise tests are in force to make spot assessment of teaching and learning process. In addition to the above the institution conducts practical exams under the supervision of external examiner to keep the system more transparent, though not specified as per the university norms of JNTU.

44. Whether the Institute is following standard / norms prescribed by statutory councils like AICTE, MIC etc. as the case may be in respect of professional courses.

Yes.

45. Whether the Institute has given necessary undertakings/assurance as per UGC Guidelines; please attach the same.

Necessary undertakings are attached as Annexure-XIV.

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46. Results for the last five years

A Statement is attached as *Annexure-XV*.

47. Placement Record

Year	No. of Students placed
2007-08	210 and still counting
2006-07	231
2005-06	200
2004-05	154
2003-04	85

Company	Pay/Month (Rs.)
De Shaw	55,000
TCS	26,000
SASKEN Tech.	25,000
Sonata Software	25,000
L&T	25,000
ESSAR	25,000
Convergys	25,000
IBM	25,000
Satyam	23,000
Wipro Technologies	23,000
Virtusa	22,000
Infosys	20,000

48. Extension Activities

Both staff and students continuously engage themselves in a wide gamut of extension activities devised and executed by the institution. The institution has an active N.S.S. Unit with about a 400 students volunteer force. This unit conducts several programmes round the year towards community service. In recognition of its services, the institution has received an award from the Governor in the year 2005, for conducting the maximum number of Blood Donation camps that year.

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The Extension Activities include:

Social support activities Like :

- 1) Blood Donation Campus
- 2) Free Health Campus
- 3) Plantation drives
- 4) AIDS awareness Camp
- 5) Distributing material, food packages for old age homes, Orphanages and homes for mentally challenged children.

Technical Support Activities Like :

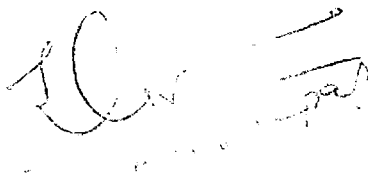
- 1) Organizing Computer Training Camp for the district Police personnel.
- 2) Spreading computer literacy to Govt. School Children.
- 3) Offering technical assistance and lab facilities to villagers for ground water analysis.
- 4) Eradicating illiteracy through the use of specially designed software packages for educating adult illiterates.
- 5) Educating villagers about the use of Solar energy, biogas etc. by giving demonstration on the use of solar cooker, biogas plant etc.

Observations of the Expert Committee including AICTE nominee

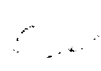
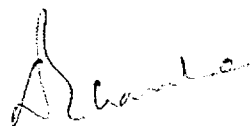
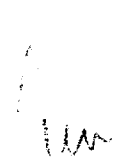
As a result of the on-the-spot visit to Vignan's Foundation for Science, Technology and "Research, Vadlamudi, Dt. Guntur, Andhra Pradesh and the discussions which the Committee had with the Chairman of the Institute, Dr. L. Rathaiah and members as well as major stake holders such as Deans, Heads of Departments, Faculty Members, and Students, the committee made the following observations:-

1. The Institute is located in a rural area near Guntur City of Andhra Pradesh. The majority of students (67%) are from rural area.
2. Although established only in the year 1997 as a small entity in a rural area, the Institute has progressed at a steady pace in the last decade and is now one of the reputed institutes of technology in the State of Andhra Pradesh.

3. The Institute has a very good infrastructure, beautiful buildings and spacious campus, which is sufficient for present programmes and the future expansion.
4. The Institute has invested well in equipment and facilities in its departments meeting the norms and standards of AICTE and most of the laboratories have state of the art / modern equipment. The Institute has trained technical staff to maintain the equipment, which is a good measure considering the remoteness of its location.
5. The institute has a teacher student ratio of 1 : 12 and cadre ratio of 1 : 2 : 5. At present 34 teachers are Ph.D.
6. The library system of the Institute is very well equipped with about 31,339 books and 10,503 journals. It is equipped with computers and has digital system and CCTV reading room and discussion corners are very well designed.
7. The hostels are clean and rooms are well designed. Ground floor rooms are two seaters and first floor rooms can accommodate three students.
8. The laboratories are well equipped with modern equipment.
9. The UGC Expert Committee along with AICTE team members visited all the Engineering departments. They found that the infrastructure in all the department in terms of labs, classrooms, workshops are more than adequate. The Experts interacted with the faculty members and students very closely and found teaching and learning process is in order. The students were very happy with teaching and other facilities provided by the management.
10. The Institute is running five M.Tech courses in the area of state of art. They are in the process of establishing research activities in all areas of engineering. All the departments have their own libraries. The faculty has reasonably good publications. The students are preparing good hardware projects. All the departments have good Internet connectivity with 9mbps and Wi-Fi connectivity in Library and academic departments.
11. The department of Management Studies started functioning in the year 2006. The course is approved by AICTE and affiliated to JNTU, Hyderabad. The department comprises of 11 qualified faculty members. Some of them are pursuing Ph.D programme. Faculty members are also participating in Conferences, Seminars and Orientations Courses to keep in touch with the ever-growing field of management.






12. The students are given soft skills training by organizing PDPs and language labs. The department also encourages students to polish these managerial skills by giving them opportunity for organizing various academic and extra-curricular activities.
13. MBA Computer labs is equipped with 60 high configuration computers with one server. Internet and intranet facilities are available on the campus. The campus is Wi-Fi enabled. The lab has required software for teaching and learning.
14. The Management department library has 818 book titles on management and 1080 volumes.
15. The Management department has adequate infrastructure facilities like classrooms, tutorial rooms, syndicate rooms etc. for conduct of MBA programme.
16. Through its vision to serve the community by empowering the youth, particularly rural, with knowledge; its goals – both in the long and the short terms; its focus on quality in all its activities and a number of academic programmes it conducts, the Institute is already as good as a centre of excellence under its affiliating University, Jawaharlal Nehru Technological University, Hyderabad.
17. The management of the Institute is supportive and encouraging faculty to undergo research activities. Seed money of Rs. 50 lakhs is provided by the management for this purpose. Research grant, travel grant and study leave provided to the faculty to encourage them to take up research. They are also encouraged to participate in the Seminars / Workshops / Conferences. Students are also encouraged to participate in research work. The faculty is also actively participating in the departmental activities.
18. The faculty is engaged in research activities and is encouraged to participate in conferences and workshops by the management. Although the Institution has been making efforts to take up research and development in a number of areas, the success rate so far seems to be limited.
19. The Institute has also been encouraging its faculty members to take up sponsored R & D work from Government agencies and industries. A few projects have been taken up so far and interesting results obtained. However, this work needs to be given a further push in the coming years.
20. The objectives of the Institute are clear and well thought out. The Institute is already providing opportunities for technical education, research, continuing education and extension services.

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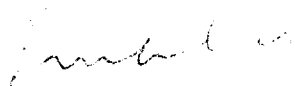
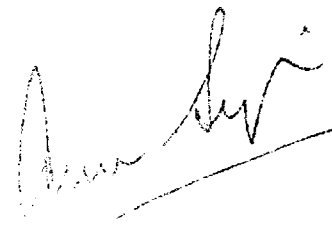
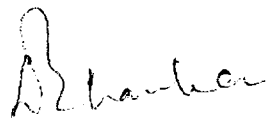

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21. The placement record is good with 75% students are getting campus placements.
22. The Institute has demonstrated its financial viability satisfactorily and its accounting practices, balance sheets and audited statements seems to be in order.
23. The Institute has received accreditation from NBA for all its eligible programmes, viz., 6, and NAAC Expert Committee is also visiting the Institute for accreditation in the end of April, 2008. All the accredited programmes are in the validity period.
24. The Institute has introduced many innovative practices in imparting education, particularly going beyond the syllabus in course work, emphasis on practical work, modern teaching-learning practices, conducting students' projects with industry cooperation, emphasis on communication skills, personality development and entrepreneurship etc., leading to a high level of satisfaction among students.
25. The faculty, students and non-teaching staff were motivated and satisfied with the facilities in the institute and were also appreciative of the management. They were very enthusiastic about the idea of deemed university.

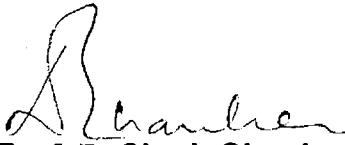
Suggestions

1. The hostel dining room needs improvement.
2. The department of management needs more senior faculty members.
3. The faculty needs to be encouraged to take up more research work particularly from external funding.



Recommendations of the Committee

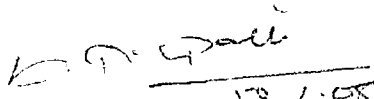
Based on the on-the-spot assessment of the Institute, observations of the Expert Committee, interaction with the teachers and students, and considering the vision and initiative of the management to promote research and impart technical education in a rural area, the Committee unanimously recommends conferment of Deemed University status on Vignan's Foundation for Science, Technology and Research, Vadlamudi, Dt. Guntur, Andhra Pradesh comprising of Vignan's Engineering College. However, performance of the institute may be reviewed after five years.



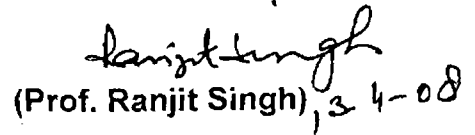
(Prof. D. Singh Chauhan)
Chairman



(Prof. R.P. Bajpai)
AICTE representative



(Prof. K. N. Tripathi)



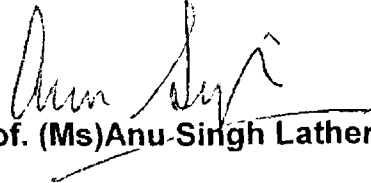
(Prof. Ranjit Singh)



(Prof. N.C. Shivaprakash)



(Prof. M.B.A. Khan)



(Prof. (Ms) Anu Singh Lather)

Vadlamudi, Dt. Guntur, AP.
13th April, 2008



अखिल भारतीय तकनीकी शिक्षा परिषद्
ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
 (भारत सरकार का एक सांविधिक निकाय)
 (A STATUTORY BODY OF THE GOVT. OF INDIA)

डा. के. नारायण राव
 एम.टेक., पी.एच.डी.
 सदस्य सचिव

F.No.501-23/DU/AICTE/2008

Date : 05-05-2008

Dr. K. Narayana Rao
 M.Tech., Ph.D
 Member Secretary

CPP-I

The Secretary
 University Grants Commission
 Bhadur Shah Zafar Marg
 New Delhi 110002

Subject: On the spot assessment of the proposal submitted by Vignan's Foundation for Science Technology and Research, Dist. Guntur, A.P.

Sir,

It has reference to the UGC's letter F.No. 6-23/2005 (CPP-I) dated 13th March 2008.

Kindly find enclosed herewith a copy of the report of the AICTE team (Annexure-I) based on the spot assessment of Vignan's Foundation for Science Technology and Research, Dist. Guntur, A.P. The AICTE team has submitted its recommendations as under:

"On the basis of the above observations and considering the commitment, potential of the management and faculty to promote emerging areas in the field of Engineering and Technology for education and research, the committee recommends that the Vignan's Foundation for Science, Technology & Research may be considered for conferment of Deemed to be University status under Section 3 of the UGC Act so far as engineering and technology programmes are concerned. This shall, however, be subject to the conditions that the Norms and Standards as specified from time to time by the statutory bodies as UGC and AICTE are maintained."

Following deficiencies have been pointed out by the expert committee (copy at Annexure-II) in the proposal as regard to the eligibility guidelines of the AICTE for grant of Deemed to be University status:

1. The PG programmes are only 4 years old as against the AICTE requirement of 5 years.
2. No doctoral programmes are being conducted in any of the major department as against the AICTE requirement of such programmes in all the major departments.

3. Student turn out in Post Graduate courses (M.Tech / ME /MBA/ MCA / M.Arch. / M.Pharma. are less than 6 per department / discipline / year during the last 5 years.
4. No Research Scholars have been registered for Ph.D. during last five years as against the AICTE requirement of 4 per department in all the departments.
5. The institution has not awarded any Ph.D as against the AICTE requirement of 10 Ph.Ds during the last 5 years.
6. The requirement of guiding doctoral research by at least 5 faculty members per discipline /department is not fulfilled.
7. The requirement of generating income of Rs.15 lacs through consultancy during last five years is not fulfilled.
8. The requiremen tof at least 50% of faculty having Ph.D. qualification is not fulfilled.

The Vignan's Foundation for Science Technology and Research, Dist. Guntur, A.P. may submit a compliance of above referred deficiencies to the UGC and a copy thereof may be forwarded to AICTE for necessary action.

In view of the above deficiencies and expert committee report (copy enclosed as above), the UGC may take its own view on the matter regarding the grant of Deemed University status to Vignan's Foundation for Science Technology and Research, Dist. Guntur, A.P.



(K. Narayana Rao)
Member Secretary

Report of the AICTE Expert Committee visit (along with UGC Committee) to Vignan's Foundation For Science, Technology & Research, Vadlamudi, Guntur (Andhra Pradesh) for consideration of awarding Deemed to be University status.

Vignan's Foundation For Science, Technology & Research, Vadlamudi, Guntur have applied to UGC for the conferment of Deemed to be university. The Institution is offering following courses which fall in the purview of AICTE.


UG Programme (B.Tech)	
1	Computer Science & Engineering
2	Electronics & Communication Engineering
3	Electrical & Electronics Engineering
4	Information Technology
5	Chemical Engineering
6	Mechanical Engineering
7	Biotechnology

PG Programme (M.Tech)	
1	Masters in Computer Applications
2	Masters in Business Administration
3	M.Tech. Computer Science & Engineering
4	M.Tech. Embedded Systems
5	M.Tech. Power Electronics & Electric Drives
6	M.Tech. Machine Design
7	M.Tech. Chemical Engineering

The committees constituted by AICTE visited the Institutions along with UGC expert committee on 12th April, 2008. The observations of the committee based on the presentation made by the institutions, visit to the institutions and its facilities and discussions with the various stakeholder groups are as follows:

A. GENERAL

The management is committed to the cause of promoting quality education. It has the stated objective of providing holistic education through its wide gamut of academic activities, ranging from schools, Jr. Colleges, Under Graduate and Post Graduate Institutions with a student base of approximately 30,000. The commitment



A. Garg



of management could be seen through the achievements it has made in a short span of time of ten years.

The institution is spread over an area of 31.66 acres with constructed area over 30,000 sqm. The quality of construction is of acceptable standards. Availability of area per student is 13 sqm. So far as central facilities such as Computer Centre, Library, Workshop etc. are concerned, the facilities developed are satisfactory for the programmes being run at present. The ambience in the institution is good and conducive to learning. The hostel accommodation facility is good, but need be increased further.

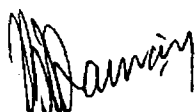
The Central Library is very good as far as area, facilities, furnitures and lay out are concerned. It has more than 10,000 titles and 31,000 number of books and is subscribing to approximately 250 journals besides separate library have been arranged for each department. Multimedia systems have been installed in the library and little more than 1500 multimedia CD's are available for reference. The access to on-line journals is single user and needs to be improved.

The group of institutions has provided 8 Mbps Internet connectivity in the campus. However this facility has not been provided in the hostels which restricts access to the internet after institution hours. The Hostels should also be provided this facility. Further each faculty member ought to be provided with a dedicated computer with internet facility so that they can use the same for teaching and research.

The Institution has adequate financial budget and support to pursue the ideals and goals of a University. However, proper planning and transparency with more faculty participation in Budgeting, Management and Decision making at all levels is recommended.

Teaching learning process is in place and is effective.

The institutions need improvement in Research and Development activities and need to be supported by the management with a greater thrust.



All the eligible programmes have been accredited by NBA for the period 2007 2010. Other programmes should go for accreditation as and when eligible.

B. FACULTY

The number of faculty is adequate and as per the AICTE norms. The total no. of Faculty is 206 with 25 professors, 55 Assoc. Professors and 126 Asst. Professors. The teachers – students ratio is 1 : 12. However, the cadre ratio needs improvement as it is skewed towards lecturers. The selection procedures are transparent and are as per norms.


The number of Ph.Ds in the faculty is just 34. However, 31 teachers have registered themselves for Ph.Ds. It is suggested that the management should induct many more Ph.Ds in the faculty and more faculty should also be encouraged to attain higher qualifications from the institutions of repute like IITs, NITs and IIMs etc. Some faculty members are at present pursuing their PhDs at IITs. The faculty should be deputed to attend Short Term Courses, Conferences, etc. at a much larger scale than is being done now. This will help them in acquiring knowledge, develop contacts and enough exposure to organize such events in their own institution as well.

C. R & D

The Institution lays desired emphasis on Research and 31 research papers have been published by it during the last 3 years. The management has also funded some in house research projects. The Institution has also taken Collaborative Research initiatives to interact with various research organizations. However, there is a scope for further improvement in the research culture. More sponsored research and R&D projects should be obtained from industry and other funding agencies. A marginal industry collaboration exists. More Industry Institute interaction is desirable.

D. STUDENTS

Results of students are very good. More than 50% students have passed out with First division in last 5 years. The placement position is also good. However more Core companies should be invited for recruitment.



Adequate opportunities are provided for developing the skills, competencies and overall personality of students. Value added programmes are provided to improve the employability and professional skills of students. The facilities in the language lab are very good and more students are trained for TOEFL, GRE etc. which is highly appreciable.

E. INNOVATIONS AND INITIATIVES

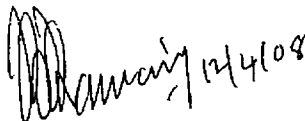
There is evidence of efforts made by the institutions in terms of value added / user oriented collaborative programmes with the Joint collaboration of IEG & INFOSYS. Summer practice schools of short duration are arranged for the students with industry like VTPS, BHEL, ECIL, BHPV, LANCO, APTRANSCO etc. Orientation programmes are organized for improving the quality of teaching.

RECOMMENDATIONS

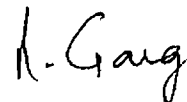
On the basis of above observations and considering the commitment, potential of the management and faculty to promote emerging areas in the field of Engineering and Technology for education and research, the committee recommends that the Vignani's Foundation for Science, Technology & Research may be considered for conferment of Deemed to be University Status under section 3 of UGC Act so far as engineering and technology programmes are concerned. This shall, however, be subject to the conditions that the Norms and Standards as specified from time to time by the statutory bodies such as UGC and AICTE are maintained.



Prof. R.P. Bajpai
Chairman



Prof B Ramamoorthy
Member



Prof. Ramesh Garg
Member



Check list based on the Guidelines for Recommending Technical Institutions for the Deemed to be University Status

GENERAL CRITERIA

SI		Yes/No
1	Whether the UG and PG programmes are being conducted for a period of not less than 10 years and 5 years (from the Graduation of first batch) respectively.	UG - Yes PG - No
2	Whether the institutions has a standing of 10 years and at least the graduation of 5 batches if running only PG and Research Programmes	Yes
3	Whether the institutions is offering Masters and Doctoral Programmes in all the major departments	Masters - Yes Doctoral - No
4	Whether all creditable programmes of the institution are accredited by the NBA	Yes
5	Whether the institution has necessary financial resources and viability to pursue the ideals and goals of a University	Yes
6	Whether the institution is a registered Society/Trust to have an independent entity of its own	Yes

PERFORMANCE CRITERIA

Student Turn Out	At the Time of Assessment	Yes/No
Number of students graduated (B.Tech/B.E./B.Pharma/B.Arch) with 1 st class.	At least 50% of the sanctioned annual intake assessed over a period of last 5 years should have graduated with 1 st Class.	Yes
Number of Post Graduates (M.Tech/ME/MBA/MCA/M.Arch/M.Pharma) passed out.	At least 6 per department/discipline/year for last 5 years.	No
Number of Research Scholars Registered for Ph.D.	Number of Scholars on role each years during the last 5 years should be at least 4 per department in all the departments.	No
Number of Ph.Ds awarded under the supervision of the faculty	At least 10 Ph.Ds must have been awarded during the last 5 years.	No

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K. Gang

J. P. S.

Research		Yes/No
Sponsored Research projects completed in last 5 years	Should have completed at least 5 significant projects (Rs. 8 lakhs each or more each years)	Yes
Number of faculty members guiding doctoral research	At least 5 per discipline/department	No
Publication of research papers in referred journals	Ordinarily 50 in the last 5 years involving sizable number of disciplines/departments and faculty members.	Yes 31 in last 3 years

Industrial Consultancy and Continuing Education Programmes conducted during the last 5 years		Yes/No
Number of summer/winter schools and/or continuing education programmes in the last 5 years.	Ordinarily 25 programmes or 3000 man days (programmes of less than 48 hrs. not to be counted)	Yes
Consultancy	The institutional share of income during last 5 years should be about Rs. 15 lakhs	No

Institutional Development (total for the last 5 years)		Yes/No
Number of Ph.Ds in the faculty	At least 50% of the faculty should be with Ph.D.	No
Equipments, Books, and Journals	As per AICTE norms, from time to time.	Yes
Use of computers for Technical Education and Research	1. Ordinarily 20% of the courses should be computer based/application oriented. 2. Ordinarily 50% faculty should be using computer facilities for teaching & research	Yes
Pay Package	The institute shall adopt the AICTE Pay Scales for its teachers.	

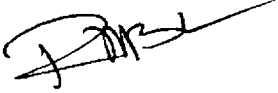
Essential Infrastructure at the time of Application		Yes/No
Minimum academic staff at Lecture level and above on the basis of students to staff ratio	Strength should not be less than the minimum as prescribed in AICTE norms.	Yes
a. Land & Administrative building b. Academic & Library building c. Teachers Residence & Faculty Guest House	As per AICTE norms	Yes

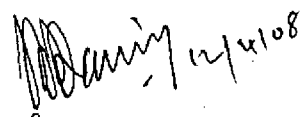
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d. Hostels for students e. Canteen Facility f. Common Room/Community Hall g. Computation		Yes
Preparation made to take over academic and administrative functions of the university		
Student admissions	As per AICTE Guidelines	Yes
Conduct of examinations	Institutions should have proven ability and adequate set up for conducting examinations	No Comments
Experience of independent administration	The institution should have adequate administrative set up capable of adapting to the requirement of Deemed-to-be University set-up.	Yes
The staff selection should have been by direct recruitment through national advertisements with qualification and cadre selection as per norms and guidelines of AICTE.		


Prof. R.P. Bajpai
Chairman


Prof. Ramamurthy
Member

A. Garg 12.4
Prof. Ramesh Garg
Member