

5. Prof. G.D. Yadav
Head, Deptt. of Chemical Engineering,
University Institute of Chemical Technology,
Matuna, Mumbai. Member
6. Prof. P. Venkataraman
Deptt. of Electrical Communication Engg.
Indian Institute of Science,
Bangalore. Member
7. Prof. Anand Mohan
Deptt. of Electronics Engineering
Institute of Technology
Banaras Hindu University,
Varanasi. Member
8. Dr. Niloufer A. Kazmi,
Additional Secretary, UGC
WRO, Pune Member Secretary

The UGC Committee visited the BSA Crescent College on 17th - 18th September, 2008. However, Prof. A.K. Nagpal could not attend the meeting.

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:

1. Prof. S.C. Vaidya
Punjab University,
Chandigarh. Chairman
2. Dr. V.M. Pandharipande
Osmania University,
Hyderabad Member
3. Prof. B. Ramamurthi
Deptt. of Mechanical Engineering,
I.I.T. Madras
Chennai. Member
4. Dr. Rakesh Kumar Sharma
Advisor (Admn.)
AICTE,
New Delhi. Coordinator

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Prior to the actual validation and assessment of the Institute, Prof. Siddhartha Roy, Chairman of the Committee and Dr. Niloufer A. Kazmi, Member Secretary 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 B.S. Abdur Rahman Crescent Engineering College, Chennai Prof. Siddhartha Roy, 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.

Mr. Abdul Qadir A. Rahman Buhari, Joint Secretary of the Trust, received the Committee Members along with other functionaries of the Institute and faculty members. A power point presentation was made by the Institution and its activities / programmes. 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 various Departments.

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..

I BACKGROUND

B.S.Abdur Rahman Crescent Engineering College is sponsored by the All India Islamic Foundation, 688, Anna Salai, Chennai – 600 006. The college was established in 1984 by an order of the Government of Tamil Nadu as a Muslim minority College. It is located at the Seethakathi Estate, Vandalur, Chennai – 600 048, in the outskirts of Chennai city on the GST Road (Chennai – Trichy National Highway), 7 km from Tambaram Railway station. The college has been approved by the All India Council for Technical Education (AICTE) (vide Letter No. F-24-49/89-T.5 of 18/12/90) and was

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affiliated to University of Madras and is presently affiliated to the premier and world-renowned Anna University. 10.83

All India Islamic Foundation, the society which established this college, consists of members of a closed group who run large industrial and commercial organizations in the international arena. Some of the industries run by the members of the society are given below:

- East Coast Constructions & Industries Pvt. Ltd., Chennai
- West Asia Exports & Imports Pvt. Ltd, Chennai
- West Asia Maritime Ltd., Chennai
- Buharia Group, Chennai
- Amana Investments Ltd., Hong Kong
- Transcar India Pvt. Ltd., Chennai
- ETA Ascon Group, Dubai
- Coal and Oil LLC, Dubai
- Coastal Energy Private Ltd.

The objective of the society is to serve people with the earnings of their organizations setting apart a percentage specifically for education and other philanthropic activities and they have established many institutions and homes for destitute children throughout the state.

Institutions run by the society

- | | |
|-------------------------------------------------------------|--------|
| (i) Crescent Residential School (Boys) Chennai | (1968) |
| (ii) Crescent Matric. Hr. Sec. School (Girls) Chennai | (1976) |
| (iii) Islamic Studies & Cultural Centre, Chennai | (1982) |
| (iv) Thassim Beevi Abdul Kader College for Women, Kilakarai | (1988) |
| (v) Nagore Crescent Mat. Hr. Sec. School (Girls) Nagore | (1991) |
| (vi) Madurai Crescent Mat. Hr. Sec. School (Girls) Madurai | (1994) |
| (vii) Crescent IAS Academy, Chennai | (1996) |
| (viii) Crescent Yousuf Zulaikha School of Nursing & | |

None

D. B. Shukla

4/10/96

Manu

Research Institute, Madurai

415

(1999)

- (ix) Kilakarai Buhari Alim Arabic College, Chennai (2000)
- (x) Crescent Teacher Training Institute for Women, Madurai (2004)
- (xi) Crescent College of Education for Women, Madurai (2006)

Destitute Children Homes run by the society

1. Al-Mumin Seethakathi Children Home, (1982)
Sakkaraikottai, Ramanathapuram District
2. Al-Mumin Umar Pulavar Children Home (1990)
Ottapidaram, Tuticorin District
3. Al-Mumin Shahul Hameed (Wali) Children Home, (1990)
Thanjavur, Thanjavur District
4. Al-Mumin K.T.M.S. Hamid Children Home (Girls) (1994)
Kilakarai Ramnad District
5. Al-Mumin Malik Dinar Children Home (Girls) Thiruvithancode (1994)
6. Al-Mumin Al Rostamani Children Home (Boys) Vandalur. (1998)

BS Abdur Rahman Crescent Engineering College, was started in 1984 with three programmes of Engineering and a strength of 180 students

The College aims to achieve the following goals:

- (i) To raise itself as a centre of excellence through integrated educational, academic and industrial research and consultancy services.
- (ii) To actively participate in the development of technical manpower and physical infrastructure for enhancing the country's credibility and stature.
- (iii) To undertake cooperative research in the industry for up-gradation of current technologies and development of new ones, to improve quality and cost effectiveness, while participating in the ongoing process of globalization.
- (iv) To play a noble role in making significant contributions for social upliftment through technical education.

It has grown over the 24 years and now offers eight Under Graduate programmes and eight Post Graduate programmes with a total students strength of 2800 which includes 25% women students. The college has 229

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faculty members (Student staff ratio-12.5:1) and 161 non-teaching staff on its rolls. 1085

All the UG and PG programmes of this college have been accredited by the National Board of Accreditation.

The Departments of *Mechanical Engineering, Electrical and Electronics Engineering and Computer Science & Engineering, Chemistry, Physics and Mathematics* have been recognized by Anna University as *Research Departments* to undertake research programmes leading to Ph.D degree and MS by Research. Many of the faculty members belonging to various departments have been recognized as research supervisors to guide research students for their Ph.D programmes.

B.S. Abdur Rahman Crescent Engineering College is acclaimed throughout India for its quality in teaching and research. Being one of the largest engineering colleges in India it lays emphasis on innovative research, investment in high-quality facilities and first-rate infrastructure. By making use of the latest technologies and imparting quality teaching, the college is able to offer a wide choice of interdisciplinary degrees in engineering.

Now, a separate Society has now been formed for the purposes of Deemed University status, as **B.S. Abdur Rahman Institute of Science and Technology** and the assets of the college have been transferred to this society to enable the institute to function as an independent body (Reg. No.- Sl. No.243/2007 dt.7.8.2007 of Registrar of Societies, Chennai) (**Annexure 1**).

The vision and mission of the proposed university are as follows:

Vision

B.S.Abdur Rahman Institute of Science and Technology has set its goal to be a leader in providing quality education and training in Engineering, Technology and Management and to contribute to the knowledge base through scientific enquiry, applied research and innovation and to play a vital role in the socio-economic progress of the country.

Siddh

D. S. Chandrasekhar

Abdullah

Nav

Mission

- To blossom into an internationally renowned Science, Technological and Management University.
- To empower the youth through technical and management education and to provide professional leadership.
- To strive for quality and excellence in all its endeavours.
- To provide excellent teaching and research environment.
- To network with business, industry and research organizations.

The Institute is totally committed to deliver quality graduates from its portals, who would be able to meet the needs of the industry and face challenges of the 21st century. Being conscious of the need of the society and the country, the college constantly reviews the progress and revises its notions in order to keep pace with the latest trends in technological developments. In collaboration with the industry and research institutions, the college is determined to serve the nation with its motto "Progress through Technology".

III REPORT**1. HEADQUARTERS OF THE PROPOSED INSTITUTE**

B.S. ABDUR RAHMAN CRESCENT ENGINEERING COLLEGE,
SEETHAKATHI ESTATE
GST ROAD, VANDALUR,
CHENNAI-600 048.

Siddh

2. WHETHER THE INSTITUTE IS REGISTERED UNDER THE SOCIETIES REGISTRATION ACT OR REGISTERED AS TRUST:

Yes.

The Institute has been registered under Tamil Nadu Societies Registration Act.1975.

2a WHETHER A SEPARATE SOCIETY OR TRUST HAVE BEEN REGISTERED IN THE NAME AND STYLE OF THE PROPOSED DEEMED TO BE UNIVERSITY:

Anne

J. Tharals

7. J. J. J.

[Signature]

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Yes.

The Institute has been registered under Tamil Nadu Societies Registration Act.1975,
Reg. No. Sl. No.243/2007 dt 07-08-2007.

Copy Enclosed (Annexure 1)

2b IF YES, NAME OF SOCIETY / TRUST PROMOTING THE PROPOSED INSTITUTION FOR THE DEEMED TO BE UNIVERSITY STATUS, WHICH SHOULD BE ONE FOR ALL INSTITUTIONS IF THE PROPOSAL IS FOR MORE THAN ONE INSTITUTION.

B.S. Abdur Rahman Institute of Science and Technology Society

Reg. No.- Sl. No.243/2007 dt.7.8.2007 of Registrar of Societies, Chennai

(The proposal is for only one institution)

3 DETAILS OF INDIVIDUAL INSTITUTION, YEAR OF ESTABLISHMENT, NO OF PG DEPARTMENTS, FACULTY ETC.,

Details of Individual Institution

~~B.S. Abdur Rahman Crescent Engineering College~~

Seethakathi Estate, GST Road, Vandalur, Chennai-600 048.

Year of Establishment of the institution

1984

No of PG Programmes

8

POST GRADUATE DEPARTMENTS

Sl. No.	Name of the PG Programme	Departments
01	Master of Business Administration (MBA)	Management Science
02	Master of Computer Applications (MCA)	Computer Applications
03	M.E. Computer Aided Design (M.E-CAD)	Mechanical Engineering
04	M.E. Computer Integrated Manufacturing (M.E.-CIM)	Mechanical Engineering
05	M.E. Power System Engineering (M.E.(PSE))	Electrical & Electronics Engg
06	M.E. Computer Science & Engineering (M.E.-CSE)	Computer Science & Engg
07	M.E. Structural Engineering (M.E.- SE)	Civil Engineering

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Faculty Details

Faculty members have been appointed as per AICTE norms for all Departments.

Department	Professor	Asst. Professor	Sel. Grade Lect.	Sr. Lect.	Lect.	Total [A]	Emeritus/ Visiting Prof.	Librarian	PD	P&T	Total [B]	Grand Total [A+B]
PRINCIPAL	1	-	-	-	-	1	-	-	-	-	-	1
CIVIL	2	5	-	3	5	15	-	-	-	-	-	15
MECH	4	9	-	3	10	26	1	-	-	-	1	27
EEE	2	5	-	3	5	15	-	-	-	-	-	15*
CSE	4	6	-	2	18	30	-	-	-	-	-	30
ECE	4	10	-	4	16	34	-	-	-	-	-	34*
ICE	1	3	-	1	5	10	-	-	-	-	-	10*
POLY	1	4	-	-	3	8	2	-	-	-	2	10
IT	2	3	-	3	14	22	-	-	-	-	-	22
MCA	1	3	-	6	2	12	-	-	-	-	-	12
MBA	1	4	1	2	3	11	-	-	-	-	-	11
MATHS	1	3	1	3	7	15	-	-	-	-	-	15*
PHYSICS	1	2	-	1	3	7	-	-	-	-	-	7
CHEMISTRY	1	2	1	2	2	8	-	-	-	-	-	8
ENGLISH	1	2	-	2	1	6	-	-	-	-	-	6
PHY.EDN.	-	-	-	-	-	-	-	-	2	-	2	2
LIBRARY	-	-	-	-	-	-	-	1	-	-	1	1
PLACEMENT & TRAINING	-	-	-	-	-	-	-	-	-	1	1	1
MORAL INSTRUCTOR	-	-	-	-	-	-	2	-	-	-	2	2
TOTAL	26	61	3	35	94	219	5	1	2	1	9	229

Sudhakar

A. K. S.

D. Shukla

S. S. Yadav

S. S. Yadav

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* Includes one faculty on long leave

Sel. Grade Lecturers are in the grade of Asst. Professors.

Qualification wise details are as follows:

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Sl. No	Department	Ph.D.	M.E./M.Tech./ M.S.	M.Phil	MCA/MBA	B.E./M.Sc./ M.A.	Total
01	Principal	1					1
02	Civil Engineering	5	10	--	--	--	15
03	Mechanical Engineering	5	21	--	--	1	27
04	Electrical & Electronics Engineering	3	13	--	--	--	16
05	Computer Science & Engineering	3	25	--	--	2	30
06	Electronics & Communication Engg	2	32	--	--	--	34
07	Instrumentation & Control Engg	1	9	--	--	--	10
08	Polymer Technology	6	2	--	1	1	10
09	Information Technology	2	17	--	--	2	21
10	Master of Computer Applications	1	6	--	5	--	12
11	Master of Business Administration	5	1	1	4	--	11
12	Mathematics	2	--	11	--	1	14
13	Physics	3	1	3	--	--	7
14	Chemistry	6	1	1	--	--	8
15	English	3	--	3	--	--	6
16	Physical Education / Library / P&TO	2	--	--	1	1	4
17	Moral Instructor					2	2
Total		50	138	19	11	10	228

Full details of faculty is provided in Annexure 2

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- 4 **WHETHER MOVABLE AND IMMOVABLE ASSETS HAVE BEEN LEGALLY TRANSFERRED IN THE NAME THE SOCIETY/TRUST SEEKING RECOGNITION AS DEEMED TO BE UNIVERSITY.** 10.9.15

Resolution has been passed by the society to transfer the assets to the effect that in the event of conferment of deemed University status to the institution all the assets deemed to have been transferred to the B.S. Abdur Rahman Institute of Science and Technology Society.

(Annexure 3)

- 5 **TERRITORIAL JURISDICTION OF THE INSTITUTION(S).**

The Institution admits candidates from all over the country.

- 6 **THRUST AREAS OF THE PROPOSED INSTITUTION(S) INDICATING SPECIAL OR INNOVATIVE FEATURES.**

DEPARTMENT OF MECHANICAL ENGINEERING

Material Science, Manufacture and Computer Aided Design

Chennai has developed as Automotive Industrial hub. They require innovative ideas to develop new materials for their new components. With the expertise available with the Departments of Mechanical Engineering, Polymer Technology & Chemistry, this could be taken up for research and production.

DEPARTMENT OF POLYMER TECHNOLOGY

New Polymer material components

Most of the metal automotive industrial components are now being replaced by plastic materials. Polymer components having high strength can play a vital role.

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

- (i) **Restructured Power Systems**

None

D. B. ...

...

All over the globe, privatisation of Generation, Transmission and Distribution has taken place and this has made the utilities to serve the customers at competitive rates. This is also catching up in India. Proper research has to go to adopt to Indian conditions.

(ii) Polymeric Insulators

Polymeric Insulators play a vital role to miniaturise High Voltage Equipment. Expertise available with the Electrical Engineering Department in this area can play a vital role for this institution.

7 DATE(S) OF VISIT OF THE EXPERT COMMITTEE.

17th & 18th September 2008

8 IS THE PROPOSAL UNDER GENERAL/DE-NOVO CATEGORY IF YES PLEASE GIVE JUSTIFICATION.

Under General Category only.

The institution has served for more than 24 years, growing from with just 3 programmes to 16 programmes now.

9 WHETHER ACCREDITED BY NAAC / NBA. IF YES, RATING?

Yes

The National Board of Accreditation has accredited all the UG and PG programmes of the college.

Under-Graduate Programmes:

- | | |
|---------------------------------------------|------------------|
| 1. B.E. in Civil Engineering | 3 yrs. ending 09 |
| 2. B.E. in Mechanical Engineering | 3 yrs. ending 09 |
| 3. B.E. in Electrical and Electronic. Engg. | 3 yrs. ending 09 |
| 4. B.E. in Electronics and Commn. Engg. | 3 yrs. ending 09 |
| 5. B.E. in Instrument and Control Engg. | 5 yrs. ending 11 |

Name

D. B. Shinde

13

Engg

Engg

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- | | |
|--------------------------------------|------------------|
| 6. B.E. in Computer Science and Eng | 3 yrs. ending 09 |
| 7. B.Tech. in Information Technology | 3 yrs. ending 09 |
| 8. B.Tech. in Polymer Technology | 5 yrs. ending 13 |

Post-Graduate Programmes:

- | | |
|---------------------------------------------|-------------------|
| 1. Master of Business Administration (MBA) | 3 years ending 09 |
| 2. Master of Computer Applications (MCA) | 3 years ending 09 |
| 3. M.E. in Computer Aided Design (CAD) | 3 years ending 09 |
| 4. M.E. - Power Systems Engineering | 3 years ending 11 |
| 5. M.E. - Computer Science & Engineering | 3 years ending 11 |
| 6. M.E. - Computer Integrated Manufacturing | 5 years ending 13 |
| 7. M.E. - Structural Engineering | 3 years ending 11 |
| 8. M.E. - Communication Systems | 3 years ending 11 |

(Communication from NBA – Annexure 4)

- 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.

Presently affiliated to Anna University, Chennai.

- 11 **WHETHER THE AFFILIATING UNIVERSITY WILLING TO EXAMINE AND CONFER DEGREE OR OTHER AWARDS OF STUDENTS ALREADY ENROLLED WITH THE INSTITUTION(S) SEEKING DEEMED TO BE UNIVERSITY STATUS**

Yes.

The present affiliating university is willing to examine and confer degrees or other awards to students who have already enrolled with the Institution. Letter from the University is given in Annexure 5.

- 12 **SOURCE OF FINANCE AND QUANTUM OF FUNDS AVAILABLE –**

N/A

D. Sankar

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S. Sankar

S. Sankar

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FROM FEES	17.60 Crores per annum
FROM STATE GOVT.	Nil
FROM UGC	Nil
FROM OTHER SOURCES (DETAILS)	
(Bank Interest, Research Grant, Miscellaneous Receipts, etc., for the year 2007-08)	2.30 Crores

The trust provides funds for all other capital expenditure, new buildings, etc., if required.

13. WHETHER THE INSTITUTION(S) IS FINANCIALLY AND ACADEMICALLY VIABLE TO RUN THE INSTITUTION(S) AS DEEMED TO BE UNIVERSITY.

Yes.

With the quantum of funds that the institution is receiving now, it is financially and academically viable to run the institution as Deemed to be University. The members of the society have also resolved to provide adequate funds both as grants from Society and provide funds for sponsored research from their industry towards development. They have also agreed to provide adequate number of consultancy project to the institution as a constant source of income to the institution.

(Annexure 6)

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14. RECEIPT AND EXPENDITURE OF THE INSTITUTION(S) FOR THE LAST 3 YEARS.

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Receipt and expenditure of the institution for the last 3 years are as follows:



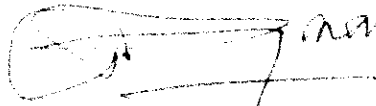
LIABILITIES	AMOUNT	ASSETS	AMOUNT
2006-07			
General Fund	272,283,457.90	Fixed Assets	199,689,673.58
Loans & Advances	570,778.00	Current Assets	95,383,058.35
Current Liabilities	22,218,496.03		
	295,072,731.93		295,072,731.93
2007-08			
General Fund	322,062,782.57	Fixed Assets	235,007,072.41
Loans & Advances	364,890.00	Current Assets	108,401,834.56
Current Liabilities	20,981,234.40		
	343,408,906.97		343,408,906.97
2008-09			
General Fund	32,76,21,089	Fixed Assets	310172670.41
Loans & Advances	87,13,168	Current Assets	134302771.88
Current Liabilities	16,34,84,928		
	44,44,81,554		44,44,81,554

The audited statement of accounts are given in Annexures 7a-7c

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.**

Already applied to the Government of Tamilnadu on 14.05.2007 and the views of the Government will be directly sent to UGC.

(Annexure 8)

Done  


16 DETAILS OF UG / PG COURSES STARTED / TO BE STARTED

The programmes already offered by the college are as follows:

UNDER GRADUATE PROGRAMMES

No.	Name of the Course	Intake
01	Civil Engineering (CE)	60
02	Mechanical Engineering (ME)	60
03	Electrical & Electronics Engg. (EEE)	60
04	Electronics & Commn. Engg. (ECE)	120
05	Computer Science & Engg. (CSE)	120
06	Instrumentation & Control Engg. (ICE)	30
07	Polymer Technology (PT)	30
08	Information Technology (IT)	120
Total (A)		600


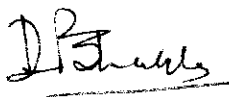
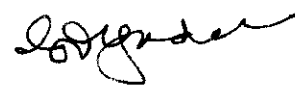
POST GRADUATE PROGRAMMES

Sl. No.	Name of the Course	Intake
01	Master of Business Administration (MBA)	60
02	Master of Computer Applications (MCA)	60
03	M.E. Computer Aided Design (M.E.-CAD)	25
04	M.E. Computer Science & Engineering (M.E.-CSE)	25
05	M.E. Power System Engineering (M.E.(PSE))	18
06	M.E. Computer Integrated Manufacturing (M.E.- CIM)	18
07	M.E. Structural Engineering (M.E.- SE)	18
08	M.E. Communication Systems (M.E.-CS)	18
Total (B)		242

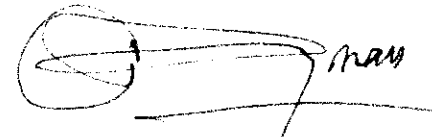
UG programs to be started

1. B Tech Industrial Biotechnology
2. BE Mechatronics
3. BE Automobile Engg

PG Programmes to be started

17



1097

- 1. M.E. Power Electronics & Drives
- 2. M.E. Applied Electronics
- 3. M.E. VLSI design
- 4. M.Tech. Polymer Technology
- 5. M.Sc Applied Chemistry

17. **WHETHER THE INSTITUTE HAS RS. 5 CRORE CORPUS FUNDS FOR ENGINEERING AND 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

The required Corpus Funds of Rs. 5 Crore for Engineering and Technology are available.

(Annexure 9)

18. **WHETHER VARIOUS AUTHORITY AND BODIES OF THE INSTITUTE ARE IN ACCORDANCE WITH THE PROVISIONS OF THE UGC GUIDELINES.**

Yes

All the bodies of the Institute are in accordance with the provisions of the UGC Guidelines.

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NA — *D. S. Chakrabarti* *S. S. Chakrabarti*

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INFRASTRUCTURE

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19. DETAILS OF BUILDINGS

(i) Permanent

71354 sq m.

DETAILS OF BUILT UP AREA

Sl. No	Description	Area in Sq. m		
1	College Convention Centre (Auditorium)	5898	5898	
Academic				
2	Main Building	7845		
3	MBA Block	6624		
4	Science Block & Library	8411		
5	P.G. Block	1285		
6	First Year Block	3247		
7	Work Shop (A/c Roof)	1725		
8	Survey Lab	86		
9	R& D Lab (A/c Roof)	70		
10	Phy. Education Building	690		29983

Siddhant

Residence			
11.	Men's Hostel		
	UG Hostel	6938	
	PG Hostel	3660	
	First year Hostel	2054	
	New Hostel	7560	
	College Mosque	957	
12	Ladies Hostel (including Annex. Prayer Hall)		6720 6720
13	Residential Quarters	a) Principal	259
		b) Other quarters	3698 3957

Na *D. B. S.*

19
S. D. S.

Amenities		
Canteen (A/c Roof)	1191	1099 ✓
Estate Office	464	
Power Room	147	
Medical Hall	279	
Security Room (GST Road)	54	
Service Complex	1257	
Community Hall	235	
		71354

(ii) Temporary / Lease property

All the buildings are permanent and belong to the institution and no building is taken on lease.

(i) + (ii) Total Area in Sq. m 71354

Whether the Institutions has the following

(iii) Administrative 1000 sq. mts.

Yes, 2463 sq. m

(iv) Academic including Library building 3000 sq. m. -

Yes, 35881 sq. m

(v) Some teachers residence and a faculty guest house for at least 10 persons.

Yes,

Teachers Residence 3957 sq. m

Guest House 180 sq. m

(vi) Music / room for performing arts etc.

Yes, 45 sq. m.

20. LAND IF ACQUIRED, WHETHER DOCUMENTS VERIFIED/LAND REGISTERED IN THE NAME OF THE UNIVERSITY AND ITS

NA ——— D. B. Gupta

20 20/1/2020

nan

LOCATION

431

1100-

The land acquired for the purpose of the college is such transferred to the proposed university. The land details are given below:

Sl.No.	Survey number	Location	Extent Acres
1.	95/1 (PART)	Iyyancheri Village Chenglepattu Taluk	5.00
2.	95/1 (PART)	Iyyancheri Village Chenglepattu Taluk	4.58
3.	294/1 to 294/5	Vandalur Village & Kilambakkam Village	5.26
4.	295/1 to 295/5	Vandalur Village & Kilambakkam Village	5.50
5.	296/1 to 296/4	Vandalur Village & Kilambakkam Village	4.10
6.	297/1 to 297/4	Vandalur Village & Kilambakkam Village	3.73
7.	196 / 1 (PART)	Vandalur Village & Kilambakkam Village	0.55
8.	289/5 290/1 to 290/5	Vandalur Village	5.93
9.	291/1 to 291/5	Vandalur Village	4.89
10.	292/1 to 292/5	Vandalur Village	5.03
11.	293/1 to 293/6	Vandalur Village	5.62
TOTAL			50.19

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21. NO. OF LABORATORIES : GIVE DETAILS

1101

Department of Civil Engineering
The Department of Civil Engineering has the following laboratories:

- (i) Strength of Materials Laboratory
- (ii) Advanced Structure Laboratory
- (iii) Soil Mechanics Laboratory
- (iv) Public Health Laboratory
- (v) Highway and Concrete Laboratory
- (vi) Survey Laboratory
- (vii) Geology & GIS Laboratory
- (viii) Computer Laboratory

Department of Mechanical Engineering
The Department of Mechanical Engineering has the following laboratories:

- Liddh*
- (i) Thermal Engineering Laboratory
 - (ii) Fluid Mechanics & Machinery Laboratory
 - (iii) Dynamics Laboratory
 - (iv) Metallurgy Laboratory
 - (v) Metrology Laboratory
 - (vi) CAD Laboratory
 - (vii) CIM Laboratory
 - (viii) Mechatronics Laboratory
 - (ix) Machine Shop
 - (x) Workshop

Department of Electrical & Electronics Engineering

The Department of Electrical & Electronics Engineering has the following laboratories:

- (i) Electrical Machines Laboratory
- (ii) Electronics Circuits & Devices Laboratory
- (iii) Control Systems Laboratory

- (iv) Power Electronics Laboratory
- (v) Electrical Practice Laboratory
- (vi) Special Machines Laboratory
- (vii) Power System Simulation Laboratory
- (viii) Relay Laboratory
- (ix) Mini High Voltage Laboratory
- (x) Electrical Circuits Laboratory
- (xi) Measurement and Instrumentation Laboratory

1102

Department of Computer Science & Engineering

The Department of Computer Science & Engineering has the following laboratories:

- (i) RDBMS Laboratory
- (ii) Graphics Laboratory
- (iii) Advanced Computing Laboratory
- (iv) Networking Laboratory
- (v) Unix Laboratory
- (vi) Pattern Recognition Laboratory
- (vii) Microprocessor Laboratory
- (viii) UG Project Laboratory
- (ix) PG Project Laboratory
- (x) Web Technology & Networking Laboratory
- (xi) LAN Laboratory
- (xii) CISCO Laboratory
- (xiii) Specialty Laboratory (Language Technology & Business Intelligence)

Department of Electronics & Communication Engineering

The Department of Electronics & Communication Engineering has the following laboratories:

- (i) Electronics Devices Laboratory
- (ii) Electronics circuits Laboratory
- (iii) Communication Engineering Laboratory & Optical Communication Lab.
- (iv) Microwave Laboratory
- (v) Microprocessor Laboratory
- (vi) Digital Signal Processing Laboratory

Name

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1103

- (vii) Integrated Circuits Laboratory
- (viii) VLSI Laboratory
- (ix) Digital Electronics Laboratory
- (x) System Design Laboratory
- (xi) Network Laboratory
- (xii) Computer Laboratory

Department of Instrumentation & Control Engineering

The Department of Instrumentation & Control Engineering has the following laboratories:

- (i) Measurement and Instrumentation Laboratory I
- (ii) Measurement and Instrumentation Laboratory II
- (iii) Computer Engineering Laboratory
- (iv) Process Control Laboratory

Department of Information Technology

The Department of Information Technology has the following laboratories:

- (i) Case Tools Laboratory
- (ii) Browsing Laboratory
- (iii) Multimedia Laboratory
- (iv) Project Laboratory
- (v) Data-structure Laboratory
- (vi) Operating System Laboratory

Department of Polymer Technology

The Department of Polymer Technology has the following laboratories:

- (i) Polymer Testing Laboratory I
- (ii) Polymer Testing Laboratory II
- (iii) Polymer Preparation Laboratory
- (iv) Chemical Engineering Laboratory
- (v) Polymer Processing Laboratory

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- (vi) Research Laboratory
- (vii) Computer Laboratory

Department of Computer Applications

The Department of Computer Applications has the following laboratories:

- (i) Computer Applications Laboratory I
- (ii) Computer Applications Laboratory II
- (iii) Computer Applications Laboratory III
- (iv) Computer Applications Laboratory IV

Department of Management Studies

The Department of Management Studies has the following laboratory:

- (i) Computer Applications Laboratory I

Department of Physics

The Department of Physics has the following laboratories:

- (i) Physics Laboratory
- (ii) Laser Research Laboratory
- (iii) Computer Centre

Department of Chemistry

The Department of Chemistry has the following laboratories:

- (i) Chemistry Laboratory
- (ii) Sophisticated Instruments Laboratory
- (iii) Filament winding Laboratory
- (iv) Computer Centre

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Department of English

The Department of English has the following laboratories:

- (i) Audio Laboratory
- (ii) Communication Skills Laboratory

Department of Mathematics

The Department of Mathematics has the following laboratory:

- (i) Computer Centre

22. **WHETHER STUDENTS ALREADY ADMITTED, IF YES GIVE DETAILS COURSE-WISE**

Students Enrolment For The Year 2007 - 2008 A - Under Graduate Programme

Course	Total I Year		Total II Year		Total III Year		Total IV Year		Total		Grand Total
	B	G	B	G	B	G	B	G	B	G	
U.G.											
CE	24	5	29	3	29	2	30	-	112	10	122
ME	59	-	62	-	64	1	64	-	249	1	250
EEE	43	17	55	12	57	9	56	7	211	45	256
ECE	85	34	103	29	101	30	102	28	391	121	512
CSE	63	57	81	51	87	43	91	40	322	191	513
ICE	10	16	21	7	26	8	30	2	87	33	120
POL	13	9	22	7	19	6	22	6	76	28	104
IT	53	47	75	32	60	48	66	39	254	166	420
Total (A)	350	185	448	141	443	147	461	122	1702	595	2297

B- Post Graduate Programme

Course	Total I Year		Total II Year		Total III Year		Total IV Year		Total		Grand Total
	B	G	B	G	B	G	B	G	B	G	
P.G.											
MBA	43	17	38	22	-	-	-	-	81	39	120
MCA	30	30	44	15	31	16	-	-	105	61	166
M.E. (CAD)	3	-	6	-	-	-	-	-	9	-	9
M.E. (CSE)	13	14	13	11	-	-	-	-	26	25	51

M.E. (PSE)	9	3	7	7	-	-	-	-	16	10	26
M.E. (CIM)	6	-	2	-	-	-	-	-	8	-	8
M.E. (SE)	15	2	8	5	-	-	-	-	23	7	30
M.E. (CS)	9	9	3	14	-	-	-	-	12	23	35
Total (B)	128	75	121	74	31	16	-	-	280	165	445
TOTAL A+B	478	260	569	215	474	163	461	122	1982	760	2742

1106

23. HOSTEL FACILITIES, GIVE DETAILS

Area in sq.m.

24. NO. OF CLASS ROOMS

67

25. WHETHER INSTITUTE HAS AUDITORIUM

College Convention Centre

- 5898 sq m.

LIBRARY & EQUIPMENT

26. Area in sq. meters

1305 sq m

27. Men's Hostel

1	UG Hostel	6938	
2	PG Hostel	3660	21169
3	First year Hostel	2054	
4	College Mosque	957	
5	New Hostels	7560	

Ladies Hostel

6	Ladies Hostel (including Annex. Prayer Hall)	6720	6720
---	----------------------------------------------	------	------

Grand Total 278889

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Number of Journals

438

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- a. National 160
- b. International 729

Sl.No.	Particulars	Facility available as on date
1.	No. of Titles of the books	20090
2.	No. of Volumes of the books	47633
3.	No. of Journals & Magazines	National 160
		International 729 (including e-journals)
(e-Journals such as ACM, ASCE, ASME, IEEE/IEE & SPRINGER journals)		
4.	Seating Capacity	200
5.	Reprographic Facility	Yes

The Central Library is Member of

1. INDEST- AICTE Consortium
2. Indian Institute of Technology – Madras
3. Anna University, Chennai
4. British Council Division, Chennai
5. American Information Resource Centre, Chennai
6. Structural Engineering Research Centre, Chennai
7. MALIBNET (Madras Library Network which has 33 Libraries for consultation)

28. IS IT DIGITAL LIBRARY

Yes. 719 Journals are e-Journals and a Browsing Centre has been provided specifically for this purpose inside the Library and can be accessed from the Departments also. In addition, books are available in Digital form and systems are provided to use the CDs.

29. DOES IT HAVE REPROGRAPHIC AND BAR-CODING FACILITIES

Yes.
It has reprographic and bar-coding facilities.

30. WHETHER EQUIPMENTS, BOOKS AND JOURNALS ARE WORTH RS. 50 LAKHS

Equipments, Books and Journals are worth more than 227.27 lakhs.

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31. BOOKS / EQUIPMENT : GIVE DETAILS

1108-

Books & Journals

Sl.No.	Department	Books		Journals		Magazines	
		Vol.	Titles	National	Intl.	National	Intl.
1	CIVIL	3303	2053	5	34	5	2
2	MECH	5549	2287	5	62	6	Nil
3	EEE	3694	1745	4	12	4	8
4	ECE	4679	1727	3	35	8	12
5	CSE	5367	2100	4	54	4	30
6	IT	3151	1045	4	25	2	15
7	ICE	2283	867	3	9	5	2
8	PT	942	633	7	14	5	Nil
9	MCA	3388	960	2	32	4	Nil
10	MBA	4861	1939	16	20	7	Nil
11	ME (CAD)	1028	363	2	17	1	Nil
12	ME (CIM)	928	426	1	24	2	Nil
13	ME (COMMN)	1118	428	1	32	3	15
14	ME (PSE)	745	292	1	10	2	2
15	ME (SE)	979	285	2	12	Nil	Nil
16	ME (CSE)	1019	333	2	12	2	Nil
17	SCIENCE & HUMANITIES	3519	2016	15	165	4	Nil
18	GENERAL	1080	591	1	56	18	18
Total		47633	20090	78	625	82	104

Siddhant

Dr. ——— Dr. ——— Dr. ———

Dr. ———

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Equipment

Sl.No.	Description	Amount (Rs.)
1.	Books rack	6,15,000.00
2.	Journals rack (wooden)	75,000.00
3.	Reading tables	1,60,000.00
4.	Reading chairs	2,25,000.00
5.	Closed type racks	1,68,000.00
6.	Computer systems	7,19,700.00
7.	Computer tables	39,400.00
8.	Computer chairs	12,000.00
9.	Cubical chairs	80,000.00
10.	Barcode scanners	28,000.00
11.	Barcode printer	27,000.00
12.	Printer – TVS, Scanner	12,300.00
13.	Laser printer	12,000.00
14.	5 KVA UPS, 10 batteries	69,500.00
15.	Photocopy machine	70,000.00
16.	Barcode labels	10,000.00
17.	TV & DVD player	27,990.00
18.	Steel rack	86,900.00
19.	LCD Projector	40,000.00
20.	Water cooler	6000.00
	TOTAL	24,83,790.00

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Total Value of Books, Periodicals, Equipment and other Learning Materials

- 1. Books : 1,64,10,809.56
- 2. Journals : 17,40,500.00
- 3. e-Journals : 20,92,040.00
- 4. Associated Equipment: 24,83,790.00

Total : 2,27,27,139.00

FACULTY AND OTHER STAFF

32. Whether teaching staff appointed, if yes give details

Yes. Teaching staff are appointed.

Details are given in Annexure 2

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Dr. Dhanu Singh

Dr. Man

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Dr. Man

The department -wise details are given in Item 33

Department	Professor	Asst. Professor	Sel. Grade Lect.	Sr. Lect.	Lect.	Total [A]	Emeritus/ Visiting Prof.	Librarian	PD	P&T	Total [B]	Grand Total [A+B]
PRINCIPAL	1	-	-	-	-	1	-	-	-	-	-	1
CIVIL	2	5	-	3	5	15	-	-	-	-	-	15
MECH	4	9	-	3	10	26	1	-	-	-	1	27
EEE	2	5	-	3	5	15	-	-	-	-	-	15*
CSE	4	6	-	2	18	30	-	-	-	-	-	30
ECE	4	10	-	4	16	34	-	-	-	-	-	34*
ICE	1	3	-	1	5	10	-	-	-	-	-	10*
POLY	1	4	-	-	3	8	2	-	-	-	2	10
IT	2	3	-	3	14	22	-	-	-	-	-	22
MCA	1	3	-	6	2	12	-	-	-	-	-	12
MBA	1	4	1	2	3	11	-	-	-	-	-	11
MATHS	1	3	1	3	7	15	-	-	-	-	-	15*
PHYSICS	1	2	-	1	3	7	-	-	-	-	-	7
CHEMISTRY	1	2	1	2	2	8	-	-	-	-	-	8
ENGLISH	1	2	-	2	1	6	-	-	-	-	-	6
PHY.EDN.	-	-	-	-	-	-	-	-	2	-	2	2
LIBRARY	-	-	-	-	-	-	-	1	-	-	1	1
PLACEMENT & TRAINING	-	-	-	-	-	-	-	-	-	1	1	1
MORAL INSTRUCTOR	-	-	-	-	-	-	2	-	-	-	2	2
TOTAL	26	61	3	35	94	219	5	1	2	1	9	229

- Includes one faculty on long leave
- Sel. Grade Lecturers are in the grade of Asst. Professors.

33. WHETHER THE INSTITUTE HAS FIVE DEPARTMENTS - EACH DEPARTMENT HAVING ONE PROFESSOR TWO READERS AND ADEQUATE NUMBER OF LECTURERS ALONG WITH NECESSARY SUPPLEMENTARY STAFF. IF SO, PLEASE GIVE DETAILS DEPARTMENT- WISE.

Qualification-wise faculty position

Sl. No.	Department	Ph.D.	M.E./M.Tech./M.S.				M.A.	Total
			M.E./M.Tech./M.S.	M.Phil	MCA/MBA	B.E./M.Sc./		
01	Principal	1					1	
02	Civil Engineering	5	10	--	--	--	15	
03	Mechanical Engineering	5	21	--	--	1	27	
04	Electrical & Electronics Engineering	3	13	--	--	--	16	
05	Computer Science & Engineering	3	25	--	--	2	30	
06	Electronics & Communication Engg	2	32	--	--	-	34	
07	Instrumentation & Control Engg	1	9	--	--	--	10	
08	Polymer Technology	6	2	--	1	1	10	
09	Information Technology	2	17	--	--	2	21	
10	Master of Computer Applications	1	6	-	5	--	12	
11	Master of Business Administration	5	1	1	4	--	11	
12	Mathematics	2	--	11	--	1	14	
13	Physics	3	1	3	--	--	7	
14	Chemistry	6	1	1	--	-	8	
15	English	3	--	3	--	-	6	
16	Physical Education / Library / P&TO	2	--	--	1	1	4	
17	Moral Instructor					2	2	
Total		50	138	19	11	10	228	

Supporting Staff

Sl. No.	Department	Technical Staff	Administrative Staff		Total
			Clerical Staff	Attenders	
01	Civil Engineering	7	1	1	9
02	Mechanical Engineering	23	2	--	25

03	Electrical & Electronics Engg.	12	--	1	13
04	Computer Science & Engineering	5	1	1	7
05	Master of Computer Applications	5	--	1	6
06	Electronics & Communication Engineering	12	1	1	14
07	Instrumentation & Control Engg.	4	1	--	5
08	Polymer Technology	4	1	--	5
09	Information Technology	5	1	1	7
10	Master of Business Administration	2	1	1	4
11	Physics	3	--	1	4
12	Chemistry	2	--	1	3
13	Mathematics	--	--	1	1
14	English	1	--	1	2
15	Library	4	--	8	12
16	Physical Education	1	--	3	4
17	Placement & Training Office	--	1	1	2
18	Exam Cell	1	4	--	5
19	Administrative Office	--	20	8	28
20	Director (Projects) Office	--	1	1	2
21	Transport	--	2	1	3
22	Dean (Ac) Office	--	--	--	--
Total		91	37	33	161

Technical Staff - 91
 Administrative Staff - 70
Total - 161

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 PER WITH UNIVERSITY TEACHERS?**

Yes.

AICTE Pay Scales (UGC Pay Scales) are given with the

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Faculty Details

Sl. No	Department	Ph.D.	M.E./M.Tech./ M.S.	M.Phil	MCA/MBA	B.E./M.Sc./ M.A.	Total
01	Principal	1					1
02	Civil Engineering	5	10	--	--	--	15
03	Mechanical Engineering	5	21	--	--	1	27
04	Electrical & Electronics Engineering	3	13	--	--	--	16
05	Computer Science & Engineering	3	25	--	--	2	30
06	Electronics & Communication Engg	2	32	--	--	--	34
07	Instrumentation & Control Engg	1	9	--	--	--	10
08	Polymer Technology	6	2	--	1	1	10
09	Information Technology	2	17	--	--	2	21
10	Master of Computer Applications	1	6	--	5	--	12
11	Master of Business Administration	5	1	1	4	--	11
12	Mathematics	2	--	11	--	1	14
13	Physics	3	1	3	--	--	7
14	Chemistry	6	1	1	--	--	8
15	English	3	--	3	--	--	6
16	Physical Education / Library / P&TO	2	--	--	1	1	4
17	Moral Instructor					2	2
Total		50	138	19	11	10	228

Faculty details with qualifications and experience are given in ANNEXURE 2

36. IS THE DEEMED UNIVERSITY IS RUNNING DISTANCE EDUCATION PROGRAMME, IF YES, HAS IT BEEN APPROVED BY DEC/UGC

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37. **WHETHER THE INSTITUTION ESTABLISHED ANY OFF CAMPUS OR STUDY CENTRE OR ADMISSION CENTER OUTSIDE THE STATE OF ITS JURISDICTION. PLEASE SPECIFY.**

No.

At present there are no such Off Campus Centres.

38. **WHETHER THE INSTITUTION HAS UNDERTAKEN ANY RESEARCH ACTIVITIES, IF SO, PLEASE GIVE DETAILS**

The departments of Mechanical Engineering, Electrical and Electronics Engineering and Computer Science Engineering have been recognized by Anna University as Research Departments to undertake research programmes leading to Ph.D degree and MS by Research in the year 2003-04.

The departments of Chemistry, Physics and Mathematics have been recognized further as Research Centres in the year 2006, 2007 and 2008 respectively. Many of the faculty members belonging to various departments have been recognized as research supervisors to guide research students for their PhD programmes.

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The Institution has signed Memorandum of Understanding (MOU) with the institutions of higher learning and R & D organizations in order to fulfil the goals beyond teaching and learning.

Patents

The faculty members have obtained patents for their research findings. The following are the patents obtained

1. Trifemur - a hip joint simulator for wear study
2. Wind rotor design

Dr. S. S. S. S.

37

Dr. S. S. S. S.

Dr. S. S. S. S.

3. A hand writing recognition software Tamil
4. Novel method for manufacturing aromatic alcohols
5. Aromatic phenols through green chemical synthesis,
6. New method for production of phenol with high selectivity.
7. Aromatic phenols through green chemical synthesis
8. Molecular oxygen for production of various alcohol under liquid-phase conditions
9. Molecular oxygen for production of various alcohol under liquid-phase conditions
10. Design of biphasic membrane for one-step reaction and conversion of aromatic hydrocarbons
11. Preparation of zeolite CDS-1 membrane for acetic acid separation.

The faculty has published /presented 906 papers in national and international journals /conferences in the last 4 years.

Details are also given in Annexure 12.

The following are the number of candidates registered for research in the various departments

Department	TOTAL			
	INJ	NJ	INC	NC
Civil	17	6	13	39
Mechanical	11	15	18	67
Electrical	14	0	1	58
Computer Science & Engg.	10	3	9	38
Electronics & Comm.	12	4	34	26
Instrumentation & Control Engg.	9	3	22	16
Polymer Tech.	18	0	12	3
Information Tech.	23	12	27	50
Computer Application	4	0	11	32
Management Science	2	15	5	15
Mathematics	24	1	8	19
Physics	14	0	9	14
Chemistry	11	4	16	100
Other Departments	0	0	1	11
TOTAL	169	63	186	488

11/18

Sl. No.	Department	BSACEC Staff			Outsiders		
		Ph.D	M.S./ M.E.	M.Phil	Ph.D	M.S./ M.E.	M.Phil
01	Civil Engineering	4	-	-	3	-	-
02	Mechanical Engg.	7	2	-	11	-	-
03	Electrical & Electronics Engg.	7	-	-	11	-	-
04	Electronics & Commn. Engg.	9	-	-	-	-	-
05	Computer Science & Engg.	5	1	-	2	-	-
06	Instrumentation & Control Engg.	5	-	-	-	-	-
07	Information Technology	8	1	1	-	-	-
08	Polymer Technology	-	1	-	-	-	-
09	Mathematics	8	-	-	-	-	-
10	Physics	3	-	-	-	-	6
11	Chemistry	2	-	-	9	-	45
12	English	1	-	1	-	-	-
13	Central Library	1	-	3	-	-	-
14	Management Science	4	-	-	3	-	-
15	Computer Applications	5	-	1	4	-	-
TOTAL		69	5	6	42	-	51

Swastika

SPONSORED PROJECT

14 Sponsored Projects have been taken up by this Institute from various

Dr. S. S. S. S.

Dr. S. S. S. S.

Dr. S. S. S. S.

organizations like, AICTE, DST, Naval Board, Defence and Institute of Physiology for a total cost of 147.86 lakhs

Department of Mechanical Engineering

Mechanical Engineering department has excellent facility and expertise in the areas of Material Science Manufacture and CAD

AICTE- TAP TECH Project *Cryogenic treatment of Steel Weldments* 2000-2001 Dr. Angamuthu, 5.0 lakhs.

AICTE-Project *Entrepreneur Development Cell, EDC,* 2003-2005, Dr. VM Periasamy Principal, 15.5 lakhs

AICTE-RPS Project *Optimization of Cryogenic treatment for Engineering Materials* 2008, Rasool Mohideen 3 lakhs

Electrical Engineering Department

Electrical Engineering Department has excellent expertise in power system control and high voltage insulators

AICTE- R & D Project *Fuzzy Logic Based Split Range in Control,* 2000-2001, Dr. T. Thyagarajan, 2.0 lakhs

AICTE- R & D Project *Performance Study of Outdoor Polymeric Insulators,* 2001-2002, Mr. R. Raja Prabhu, 6.0 lakhs.

AICTE-Project *Industry Institute of Partnership Cell IIPC,* 2002-2003, Dr. T. Thyagarajan, 8.0 lakhs.

AICTE- R&D Project *Cascaded Fuzzy controller for Combustion control of utility Boiler,* 2002-2003, TR. Rangaswamy, 3.7 lakhs.

AICTE - R&D Project *Investigation of Dev. of Cost Effective Fiberglass Distribution Support Structure,* 2002-2003, Dr. T. Thyagarajan & Dr. I. Mohammed Bilal, 9.0 lakhs

Department of Polymer Technology

Polymer Technology department has excellent facilities and expertise for Polymer Product Development and Testing.

AICTE- TAP TEC Project *Dev. and Characterization of Polyaniline based conducting Polymeric Nano Composite*,
2003-2004 Dr.R.Vasantha Kumari, 17.50 lakhs

Naval Research board -Project Mechanistic studies on flame retardant glass fibre reinforced resin formulations for low cost roofing /panel Structure, 2007, Dr.R.Vasantha Kumari, 14.29 lakhs

AICTE-MODROBS Project *Modernisation of Polymer Processing Lab*, 2007, Dr.R.Vasantha Kumari, 6.07 lakhs

Defence Instt of Physiology & Allied Science, *Dev. of heat glouse for soldier in cold mountain areas*, Dr.R.Vasantha Kumari, 3.96 lakhs

DST Project *Novel polymer electrolytes from chemically modified electrospun polymeric nanocomposite for rechargeable lithium battery*,
2008, Dr.M.Abdul Kader, 23.76 lakhs

Department of Electronics and Communication Engineering

Electronics and Communication Engineering Department has excellent facilities and expertise in the areas of Antennas, networking and Neural Networks.

AICTE-MODROBS Project *-Antennas for Satellite Communication Space Segment*, 1998-1999, Dr.K.Natarajan, Selvarani, 7.0 lakhs

AICTE- R & D Project *Multi Channel ECG Analysis Using Neural Works*, 2000-2001, Dr.K.Natarajan Ms. Sumathi, 10.0 lakhs

AICTE- MODROBS Project *Evaluation of Fibre Optic Modulation Multiplexing & Transmission Characteristics*, 2000-2001,
Mr.S.Malarkkan, 10.0 lakhs

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CONSULTANCY PROJECTS AND TRAINING

11/21

Department of Civil Engineering	0.70 lakhs
Department of Mechanical Engineering	25.38 lakhs
Department of Electrical & Electronics Engineering	36.27 lakhs
Department Computer science and Engineering	20.64 lakhs
Department of Polymer Technology	7.35 lakhs
Department of Electronics and communication engineering	2.10 lakhs

Details are given in Annexure 10

39. WHETHER THE FACULTY MEMBERS ORGANIZED OR ATTENDED INTERNATIONAL / NATIONAL CONFERENCES / WORKSHOPS, IF SO, GIVE DETAILS

Yes.

The faculty members have organized International Conferences / Seminars etc. as follows:

No. of International Seminars organized	:2
No. of National Seminars Organized	:10
No. of Workshops organized.	:33
Other seminars	:16

Siddhant

The details are given in Annexure 11

The faculty has published /presented 906 papers in national and international journals /conferences in the last 4 years. In order to encourage faculty members to present papers in International conferences the institution provides 50% of air fare and full registration fee. Students are also provided 50% air fare and full registration fee.

None _____ *D. Bhus* *Adyasha*
he _____ *nav*

Department wise break-up of the Number of research papers presented and published are given as follows:

1122

Department	TOTAL			
	INJ	NJ	INC	NC
Civil	17	6	13	39
Mechanical	11	15	18	67
Electrical	14	0	1	58
Computer Science & Engg.	10	3	9	38
Electronics & Comm.	12	4	34	26
Instrumentation & Control Engg.	9	3	22	16
Polymer Tech.	18	0	12	3
Information Tech.	23	12	27	50
Computer Application	4	0	11	32
Management Science	2	15	5	15
Mathematics	24	1	8	19
Physics	14	0	9	14
Chemistry	11	4	16	100
Other Departments	0	0	1	11
TOTAL	169	63	186	488

* INJ - International Journal NJ - National Journal
 INC - International Conference NC - National Conference

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Number of papers presented in International / National Journals : 232

Number of papers presented in International / National Conferences : 674

Details are presented in Annexure 12

40. OTHER FACILITIES AVAILABLE AT THE INSTITUTE(S) (GIVE DETAILS) WHICH ARE NECESSARY TO SUPPORT DEEMED TO BE UNIVERSITY STATUS

1. Campus wide intranet with 100 Mbps optical fibre

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