



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

**REPORT OF THE EXPERT COMMITTEE WHICH VISITED KARPAGAM ACADEMY
 OF HIGHER EDUCATION AND RESEARCH, COIMBATORE, TAMIL NADU ON 3-4TH
 FEBRUARY, 2008 FOR CONFERMENT OF DEEMED TO BE UNIVERSITY STATUS**

I. INTRODUCTION

Karpagam Academy of Higher Education, Coimbatore, Tamil Nadu 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 consisting of the following members to make on the spot assessment of the existing infrastructure and academic facilities and also of future potential for 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, P.O. Dumehar Kandaghat,
Dt. Solan -173 215, Himachal Pradesh. | Chairman |
| 2. | Prof. Sanjay G. Dhande,
Director,
Indian Institute of Technology,
Kanpur, Uttar Pradesh. | Member |
| 3. | Prof. K. Ulaganathan,
Centre for Plant and Molecular Biology,
Osmania University,
Hyderabad, A.P. | Member |
| 4. | Dr. Raju Chandrasekhar,
Retired Professor,
National Institute of Tourism and Hospitality Mgt.,
Hyderabad, A.P | Member |

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| 5. | Prof. M. Basheer Ahmed Khan,
Department of Management Studies,
Podicherry University, Pondicherry. | Member |
| 6. | Prof. D.C.Tiwari,
School of Studies in Physics,
Jiwaji University, Gwalior, M.P. | Member |
| 7. | Prof. K.N. Tripathi
Vice-Chancellor
Dr. B.R.A. Agra University,
Agra, UP. | Member |
| 8. | Prof. S.S. Katiyar
Director, Institute of Management
C.S.J.M. University, Kanpur, UP. | AICTE Nominee |

Prof. Sanjay G. Dhande could not attend the meeting. Sh. S.C. Chadha, Deputy Secretary, UGC coordinated the visit. The Expert Committee visited the Institution on 3rd-4th February, 2008.

As per the directions received from Government of India, Ministry of Human Resource Development, the AICTE team comprising of the following also visited the College:

- a. Prof. S.S. Katiyar,
AICTE nominee on UGC Committee and
Chairman, AICTE Committee
- b. Dr. B. Ramamurthy
IIT, Madras.
- c. Dr. P.T. Srinivasan
University of Madras, Chennai.

Prior to actual validation and assessment of the Institute, Prof. D.S. Chauhan, Chairman of the Committee and Shri 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 as deemed university. It was further informed that the proposal is for deemed university status to Karpagam Academy of Higher Education, Coimbatore, Tamil Nadu comprising of Karpagam Arts and Science College under general category. Prof. D.S. Chauhan then requested the members to visit the institute and to examine the Infrastructure and other facilities

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available and give their observations / suggestions keeping in view the provisions in the UGC guidelines.

The Committee was received by Dr. R. Vasanthakumar, Chairman of the College. A power point presentation was made by the Chairman and Principal of the College about the Institution and its activities / programmes. Various queries raised by the Expert Committee were answered by the Principal/Management to the satisfaction of the Members. Thereafter the Chairman of the Committee bifurcated the Expert Committee on the basis of their expertise and interest into two groups to visit the College as under:

Group-I	Prof. S.S. Katiyar, AICTE nominee and other members of AICTE Committee Prof. Basheer Ahmed Khan Prof. Raju Chandrasekhar	MBA, MCA
Group-II	Prof. D.S. Chauhan Prof. D.C. Tiwari Prof. K.N. Tripathi Prof. K. Ulaganathan	Bio-Technology, Microbiology, Bio-Chemistry, Physical Sciences, Bio-Sciences and all other departments

The common facilities like Library, Computer Labs, Auditorium, Play Ground, Hostels, Canteen, Animal Tissue Culture Lab, Instrumentation Lab, Placement Cell, Examination Cell, Gymnasium, Fitness Centre, Botanical Garden etc. were visited by all.

II. Background of the Institution giving details of teaching, research and extension programme

Dr.R.Vasanthakumar, Founder and Managing Trustee of KARPAGAM CHARITY TRUST established Karpagam Arts and Science College in the year 1995. Now the College has 2970 students with 14 Under Graduate, 15 Post Graduate, 8 M.Phil and 6 Ph.D. Courses. The College volunteered to get accreditation and awarded B+ grade by

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NAAC. The college was conferred with autonomous status by Bharathiar University in the academic year 2006. 722

The college is located in a rural area. Majority of students are rural based, the students need extra coaching to cope with the demands of the reality of life and average students are given remedial coaching. In addition, peer learning, experimental learning system is also imparted to the students. The College has a team of 179 faculty involved in research.

The thrust areas of research in science are medicinal plants, enzyme technology, and cancer biology and underutilized crop plants; Clinical Trials for the Pharmaceutical related research is also undertaken. In management the concentration is on research in Retail marketing, Supply chain Management, Insurance, Banking performance, Micro credit and Emotional intelligence. Social research is also carried on NGO management and area of socially and economically underprivileged people.

To encourage research, all the research guides are given 25% of the fees paid by the research students as incentives. Travel Grant, sabbatical leave are also given to the guides and researchers. Until now, the college has received grants worth Rs. 103.44 lakhs from various funding agencies of the Government of India for research activities and besides these, the college has spent approximately Rs. 20.33 lakhs for research activities from its internal accruals.

NSS, YRC (Youth Red Cross Club) volunteers are actively involved in maintaining the adopted village and its surroundings clean and beautiful. The college runs a Voluntary blood donors club. Likewise women development is another area, where the college focuses its attention. Some of the extension activities of the College are in the following areas to give training to villagers particularly rural women to earn their livelihood:

- a. Food Processing Training Centre
- b. Tailoring
- c. Computer Literacy

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- d. Eco Club
- e. DTP Screen Printing
- f. Soft Toys Making
- g. Simple Chemical Preparation

The Expert Committee had a detailed discussion with the Management of the College, Faculty and the students. The inspection report based on the discussion, visit to the College by the expert committee 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

**KARPAGAM ACADEMY OF HIGHER EDUCATION comprising of
KARPAGAM ARTS AND SCIENCE COLLEGE
Pollachi Main Road, Eachanari Post, Coimbatore – 641 021.
Tamil Nadu**

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

Yes

(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.

Separate Trust in the name and style of "Karpagam Academy of Higher Education" has been registered bearing the registration number 221 dated 23rd September 2004. A copy of the deed is enclosed as - ANNEXURE - I.

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

Department	Professors	Readers	Lecturers
1. MANAGEMENT STUDIES	2	3	12
2. COMPUTER APPLICATIONS & MATHS	1	2	25
3. COMMERCE AND MANAGEMENT	1	2	11
4. COMPUTER SCIENCE	1	2	17
5. BIOCHEMISTRY	1	2	8
6. BIOTECHNOLOGY	1	2	13
7. MICROBIOLOGY	1	2	9

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8. PHYSICAL SCIENCES	2	2	11
9. ELECTRONICS	1	1	7
10. LANGUAGES	1	2	16
11. MSW	1	1	7
12. CATERING SCI. (UG Only)	1	2	6
Total	14	23	142

Year of establishment -1995

No. of PG Departments - 11

Details of faculty

Number of Professors : 14

Number of Readers : 23

Number of Lecturers : 142

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4. Whether Movable and Immovable assets have been legally transferred in the name of the society/trust seeking recognition as Deemed to be University.

Notarized legal undertaking given by the parent trust in this regard is enclosed as **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

Management	Micro credit, Insurance, Emotional intelligence
Computer Application	C, C++, PPT
Social Work	NGO Management, Medical Psychiatry
Life Sciences	Gene sequencing for plant, animal and humans, Crop production in unidentified seeds, cereals, Enzyme Technology and Molecular markers in Plant

Innovative Programmes

The College has implemented the online Examination system for the Part-A objective questions. Research activities are promoted through constant encouragement of the faculty and by providing 25% incentive (of the total fees paid by the student) towards the

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guidance fee for research activities. Students' data are computerized with IVRS. Attendance maintenance is computerized and Daily attendance is monitored. Village Adoption is carried out for providing facilities like safe drinking water, provision for Health and Sanitation and Education. On line data will be made available, the software integrated voice card has been installed.

The College is having a Food Processing Training Centre funded by Ministry of Food Processing Industries, New Delhi. This centre is giving training in juice making, preparations of food preservatives, detergents making of leaf cups, papad and chips for the rural women. Village women are given training on Tailoring. Computer literacy camp is organized for high school headmasters, government employees and police personnel. Eco club is created to safeguard the environment. Training on screen printing, DTP, Book binding is offered to promote small business units in and around the college location. Training is also given to the self-help group members to make soft toys and to have a means of living through the sale of such toys. Training to prepare chemicals like Phenol, Detergent Powder, Liquid Blue and such other detergent oriented chemicals is also imparted.

Some other innovative programmes are:-

- ◇ The Bioscience department encourages in house projects to enhance the student learning through continuous interaction with the teacher. Enhancement training is provided in various areas of bioinstrumentation, like HPLC, LYOPHILIZER, CO2 Incubator, Fermentor, PCR, ELISA and clinical trials bringing expertise in this field.
- ◇ Works on prostate and ovarian cancer and medicinal plants explore the medicinal values of unexplored plant species.
- ◇ Animal House approved by Ethical committee with hundreds of mice/rats available. The rats are also given to leading Pediatric Hospitals for nerve remedial worm.
- ◇ A well-established botanical garden is maintained under Biochemistry department, which supports more than medicinal and endangered species. The students use this facility for their research purpose.

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- ◇ The college has well established Plant and Animal Tissue Culture laboratories, which are utilized by the students for their research purpose. A career-oriented course is conducted to impart knowledge in maintenance of Animal house.
- ◇ Industrial Collaboration with UTL technologies Ltd., is established, to offer certificate programme in PG Diploma in VLSI.
- ◇ Student Exchange programme has facilitated two students from Flinders University to work in the department. Also one student of the department has been sent for research programme to the same university. Arrangements are being made with Flinders University, Australia to have even training program in MSW students are advised to undergo special courses in NGO Management.
- ◇ The language department trains the students in using the communication laboratory, the e-lab where the students experience the exact vocabulary and the related areas.

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

3rd and 4th February, 2008

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

No. General category

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

Accredited by NAAC with B+ Grade- a copy of accreditation certificate is enclosed as Annexure-III.

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

- **Affiliated to Bharathiar University.**
- **Approved by UGC under 2(f) and 12(B) of UGC Act 1956.**
- **Conferred Autonomous status by UGC and Bharathiar University.**

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 copy of the letter issued by Registrar Bharathiar University is enclosed as Annexure- IV.

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12. Source of finance and quantum of funds available-

Details	2004-05 (Rs.)	2005-06 (Rs.)	2006-07 (Rs.)
From Fees	5,66,49,642	6,79,45,388	9,08,68,593
From Trust	96,07,474	1,00,91,662	1,33,39,778
Total	6,62,57,116	7,80,35,050	10,42,08,371

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

Year	Income (Rs.)	Expenditure (Rs.)
2004-05	6,62,57,116	5,61,25,358
2005-06	7,80,35,050	6,70,30,140
2006-07	10,42,08,371	8,62,82,775

Audited Statement enclosed as Annexure-V.

14. Whether the Institution(s) is financially and academically viable to run the institution(s) as Deemed to be university

YES

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.

APPLIED- a copy of the letter sent by the College to the state Government is enclosed as **ANNEXURE-VI**. The UGC has also written to the State Government vide letter No. F. 6-93/2004(CPP-I) dated 8th August, 2007 but no reply is received. As per decision of the Commission, if no reply is received from the concerned State Government within three months, it will be presumed that the State Government has no comments to offer.


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

Courses started:

UG	PG	M.Phil	Ph.D
<ul style="list-style-type: none"> • B.Sc Computer Science • B.Com • B.Sc Bio Chemistry • B.Sc Catering Science & Hotel 	<ul style="list-style-type: none"> • MBA (Management) • MCA • MSW Social Work • M.Sc Bio Chemistry • M.Sc Computer SC. • M.Sc Software 	<ul style="list-style-type: none"> • Microbiology • Chemistry • Biotechnology • Physics • Management • Computer 	<ul style="list-style-type: none"> • Microbiology • Biotechnology • Management • Social Work • Chemistry • Biochemistry

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Management • BBM • BCA • B.Com CA • B.Sc Biotech • B.Sc Electronics • B.Sc Microbiology • B.Sc Physics • B.Sc Chemistry • BBM CA • B.Sc. Information Technology	System • M.Sc Bio technology • M.Sc Applied Electronics • M.Sc Industrial Bio technology • M.Sc Microbiology • M.Sc Bio Informatics • M.Sc Physics • M.Sc Chemistry • M.Sc. Microbial Biotechnology • M.Com. CA	Science • Biochemistry • Social Work	
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Courses to be started:

- **Engineering – B.E, B.Tech, B.Arch**
- **Medicine – M.B.B.S**

17. Result for the past three years

Details are enclosed as Annexure-VII.

18. Whether the Institute has Rs.5 crore Corpus Funds for Engineering Technology, Rs.3 crore for Science and 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 10 crore as Fixed Deposit in State Bank of India, Coimbatore for 10 years. A copy of FDR is enclosed as ANNEXURE-VIII.

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

YES , Various authorities and bodies of the deemed Universities will be created as per MoA/Rules. A copy of MoA/Rules as per UGC model is enclosed as Annexure-IX.

INFRASTRUCTURE AVAILABLE :

20. Details of Buildings

i. Permanent : 3,19,400 sq.ft in campus I
3,00,000 sq.ft in campus –II
(under construction)

ii. Temporary/Lease Property : NIL

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Whether the Institutions has the following:

- iii. Administrative 1000 sq.mts : Yes – 2000 m²
- iv. Academic including Library building 3000 sq.mts. Yes- 5698 m²
- v. Some teacher's residence and a faculty guest house for at least 10 persons.

Yes, Available inside the campus

- vi. Music/room for performing arts etc. Yes

Details of Built up Area

S.No	Name of the block	Area in sq.meter				Total In Sft
		Ground Floor	First Floor	Second floor	Third Floor	
1	A-Block (Main Building including central library)	22269	20527	18060	480	61336
2	A1-Block (Canteen, Class Room, Administrative Area-Proposed VC Room, Registrar Room, VC and Registrar Office)	5490	5490	5490	5490	21960
3	A2-Block (including MCA library)	4517	4517	4517	4517	4517
4	B-Block	10599	10599	10980	11340	43518
5	C-Block	16006	16006	-	-	32012
6	D-Block	1903	1650	1650	1873	7076
7	MBA-Block (including library)	10636	8795	8795	9019	37245
8	Indoor-Auditorium-Gymnasium	8329	-	-	-	8329
9	Ladies Hostel-1	5008	5008	5008	157	15181
10	Ladies Hostel-2	2984	2984	2984	2984	11936
11	Ladies Hostel-3	6517	4601	4601	4601	20320
12	Gents Hostel-1	11955	10229	-	2031	24215
13	Gents Hostel-2	3815	3815	3815	4019	15464
14	Kitchen	3576	-	-	-	3576
15	Animals House	1193	1193	-	-	2386
16	IOB	1560	-	-	-	1560
17	Xerox, Car Shed, Watchman Shed, Carpentry Shed, Two Wheeler's Shed, Generator, Paint Room, Electric Room	5155	-	-	-	5155
18	Staff Quarters	1960	1654	-	-	3614
	Total	123472	92551	61383	41994	319400

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

Original land documents verified and letter obtained from the Revenue authorities showing the total extent owned by the Trust is enclosed as Annexure -X.

22. No. of Laboratories; give details

I	DEPARTMENT OF BIOTECHNOLOGY		TOTAL
	1) UG Laboratory	1	
	2) PG Laboratory	2	
	3) Instrumentation Lab	2	
	4) Plant Tissue Culture Lab	2	
	5) Microbial Inoculation Lab	3	
	6) Sterilization / Decontamination lab	1	
	7) Research Lab	1	
	8) Preparation Lab	3	15
II	DEPARTMENT OF MICROBIOLOGY		
	1) UG Lab	1	
	2) PG Lab	1	
	3) Research Lab	1	
	4) Instrumentation Lab	1	
	5) Microbial Inoculation Lab	1	
	6) Preparation Lab	1	6
III	DEPARTMENT OF BIOCHEMISTRY		
	1) UG Lab	1	
	2) PG Lab	1	
	3) Research Lab	1	
	4) Instrumentation Lab	1	
	5) Microbial Inoculation Lab	1	5
IV	Common facilities for Life Science department		
	1) Botanical Garden	1	
	2) Green House	1	
	3) Animal House	1	
	4) Animal Tissue Culture Lab	1	
	5) Bioinformatics Lab	1	
	6) R & D Lab	1	6
V	DEPARTMENT OF PHYSICS		
	1) PG Physics Lab	1	
	2) DARK Room Lab	1	
	3) Research Lab	1	
	4) Magnetism Lab	1	4
VI	DEPARTMENT OF CHEMISTRY		
	1) PG Lab	1	
	2) Balance Room	1	
	3) Research Lab	1	
	4) Instrumentation Room	1	4
VII	DEPT. OF CATERING SCI. AND HOTEL MANAGEMENT		
	1) Food Production Labs	2	

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	2) FBS Labs	2	
	3) House keeping	1	
	4) Front Office	1	
	5) Bakery	1	7
VIII	DEPARTMENT OF COMPUTER SCIENCE		
	1) Computer Lab - I	1	
	2) Computer Lab - II	1	
	3) UG Lab	1	
	4) MCA Lab - I	1	
	5) MCA Lab - II	1	
	6) MBA Lab	1	
	7) Commerce Lab	1	
	8) Communication Lab	1	8
IX	DEPARTMENT OF ELECTRONICS		
	1) UG Lab	1	
	2) PG Lab	1	
	3) VLSI	1	3
	TOTAL		58

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

Name of the Course	Intake	Admitted	Name of the Course	Intake	Admitted
B.Sc Computer Science	180	167	MBA (Management)	120	119
B.Com	60	57	MCA	60	57
B.Sc Bio Chemistry	60	-	M.Sc Bio Chemistry	40	40
B.Sc Catering Science and Hotel Management	120	41	M.Sc Bio technology	40	39
BBM	60	51	M.Sc Industrial Bio technology	40	34
BCA	170	126	M.Sc Microbiology	70	68
B.Com CA	60	60	M.Sc Bio Informatics	40	40
B.Sc Bio technology	60	33	M.Sc Physics	40	30
B.Sc Electronics	40	20	M.Sc Chemistry	40	40
B.Sc Microbiology	60	-	MSW Social Work	50	35
B.Sc Physics	40	-	M.Sc Computer SC.	40	10
B.Sc Chemistry	40	-	M.Sc Software System	70	63
BBM CA	50	35	M.Sc Applied Electronics	40	-
B.Sc. Information Technology	50	40	M.Com. CA	30	30

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24. Hostel Facilities, give details

Name of the Hostel	No. of Rooms	No. of Students accommodated
Men	113	436
Women	141	578

25. No. of Class Rooms : 84

26. Whether Institute has Auditorium : Yes

LIBRARY & EQUIPMENT

27. Area in sq.mtrs : 5698 m²

28. Number of Journals;

a. National : 141

b. International : 30

29. Is it digital Library : Yes

30. Does it have reprographic and bar-coding facilities : Yes

31. Whether Equipments, Books and Journals are worth Rs.50 Lakhs

Details	Numbers	Amount
Equipment	538 computers + 50 labs	4,2280000
Books	30487	6097400
Journals	171	291000
		4,86,68,400

32. Books / Equipments – give details

Details	Numbers	Value
Total books	30487	6388400
Total Equipments (including computers)	58 labs	4,2280000

FACULTY AND OTHER STAFF

33. Whether teaching staff appointed, if yes give details

Yes required teaching faculty is available. List of faculties is provided as ANNEXURE -XI.

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34. 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.

YES

Department	Professors	Readers	Lecturers
1. MANAGEMENT STUDIES	2	3	12
2. COMPUTER APPLICATIONS & MATHS	1	2	25
3. COMMERCE AND MANAGEMENT	1	2	11
4. COMPUTER SCIENCE	1	2	17
5. BIOCHEMISTRY	1	2	8
6. BIOTECHNOLOGY	1	2	13
7. MICROBIOLOGY	1	2	9
8. PHYSICAL SCIENCES	2	2	11
9. ELECTRONICS	1	1	7
10. LANGUAGES	1	2	16
11. MSW	1	1	7
12. CATERING SCI. (UG Only)	1	2	6
Total	14	23	142

34. Whether the Institute is giving Pay Scale to Teachers as prescribed by UGC. If not, is the Institute proposed to bring Teachers Pay Scale at par with University Teachers?

YES. Scales given are:

Professors : 16400-450-20900-500-22400
Readers : 12000-420-18300
Lecturers : 8000-275-13500

However, the Management has given undertaking to adopt UGC scales on getting deemed university status. (*Annexure-XIV*)

35. Whether Non - Teaching Staff appointed, if yes give details

Yes. REQUIRED Non-teaching staff is appointed. List enclosed as ANNEXURE-XII.

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

No

37. Whether the Institution established any off campus or study centre or Admission centre outside the State of its Jurisdiction. Please specify.

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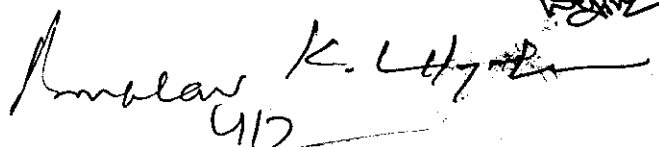
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38. Whether the Institution has undertaken any Research Activities, if so, please give details.- YES

Department	Research Projects
BIOCHEMISTRY	<ul style="list-style-type: none"> • University Grants Commission (UGC) Funded Major Research Project on "Expression of transfected FHIT gene in ovarian cancer cell lines" Amount sanctioned for the period of three years(01-4-2007-31-03-2010) Rs-8, 03,600.00 Principal Investigator: Dr.V.K.Gopalakrishnan • Indian Council of Medical and Research (ICMR) Funded Major Research Project on " Anticancer effect of Medicinal Plants on Prostate Cancer Progression Model in vitro" Amount sanctioned for the period of one year (15-05-2007 – 14-5-2008). Principal Investigator: Dr.V.K.Gopalakrishnan
BIOTECHNOLOGY	<ul style="list-style-type: none"> • In-vitro analysis of leukocytes and lung cell lines exposed to asbestos, a significant occupational pollutant, to determine its genotoxicity and mechanisms of action . Principal Investigator: Dr.Pugalenthi • Effect of high temperature stress on nitrogen fixation and nitrate reduction and their protein impact on characterization of chickpea. Principal Investigator: Dr.Pugalenthi • Comparative Nutritional Evaluation of differentially processed Mucuna seeds and its utilization as feed ingredient for poultry . Principal Investigator: Dr.Jeyaram Raja • Treatment of textile effluent by Parthenium activated carbon absorption and bioremediation. Principal Investigator: Dr. Rajeswari Sivaraj • In vitro screening of medicinal plants for their antimicrobial activity and isolation of active compound. Principal Investigator: Dr. Rajeswari Sivaraj
MICROBIOLOGY	<ul style="list-style-type: none"> • Exploitation of litter degrading fungi for pulp and paper bleaching University Grants Commission (UGC), New Delhi, India Rs.10,03,300/- 3 years (2004 – 2007) : Principal Investigator: Dr. M. Palaniswamy • Isolation of antioxidant flavinoids from under exploited wild edible fruits of the Nilgris, western Ghats University Grants Commission (UGC), New Delhi, India Rs.3,,36,000/- 2 years (2007 – 2009) : Principal Investigator: Dr. J.M. Sasikumar
COMPUTER APPLICATIONS AND MATHS	<ul style="list-style-type: none"> • The department of Computer Application and Mathematics has developed a software for library automation called (OPAC) and used in libraries at other colleges of the Trust also. A research lab has also been established.

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MANAGEMENT STUDIES	<ul style="list-style-type: none"> UGC Project entitled "An Analysis of Non Performing assets of selected industrial units supported by a Nationalized Bank in Coimbatore region". 2 Years (2007-2009) Principal Investigator: Dr. Jelsy Joseph UGC Project entitled " The study on Export Performance of Garment Industry in Tirupur" . 2 years (2007-09) Principal Investigator: Dr. Palanivelu
SOCIAL WORK	<ul style="list-style-type: none"> Psycho Social and Economic Aspects of VRS (ICSSR) Agricultural Labourers belonging to SC, Ministry of Social Justice and Empowerment

A list of the other research projects funded by UGC / ICMR / ICSSR / Ministry of Environment & Forest, Ministry of Agriculture / TNSCSCT / Ministry of Youth Affairs and Sports / Ministry of Social Justice and Empowerment is enclosed as **Annexure-XIII**.

39. Whether the Faculty members Organized or attended International / national Conferences / Workshops, if so, give details.

Department-wise list of Seminars/ Conferences/ Workshops organized at State, national and International Levels:

Department	Seminar		Conference		Works hops State	Others (Symposiu m/FDP/Tr aining)
	State	National	International	National		
MBA	8	10	1		2	2
Commerce and Management	2	3	-	-	-	2
Computer science & Computer Applications	1	-	-	2	8	3
Biochemistry	6	5	-	-	-	-
Biotechnology	7	7	-	1	2	9
Microbiology	1	-	-	5	1	-
Physical Sciences	2	-	-	-	-	1
Electronics	-	2	-	-	2	1
Social Work	4	5	1	-	-	5
Catering Science	-	1	-	-	13	7
Languages	44	-	-	-	-	-

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International / National Conferences / Workshops attended by the Faculty members.

Department	Seminar		Conference		Workshops State	Others (Symposium /FDP/Training)
	State	National	International	National		
MBA	15	125	38	5	5	10
Commerce and Management	39	75	13	-	-	5
Computer science & Computer Applications	10	54	38	129	38	44
Biochemistry	9	78	7	13	8	18
Biotechnology	16	140	16	48	140	15
Microbiology	11	12	15	48	140	15
Physical Sciences	3	11	5	48	6	17
Electronics	6	31	-	5	5	3
Social Work	10	40	5	5	10	17
Catering Science	18	-	5	-	1	-
Languages	63	76	3	-	4	-

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

Additional inputs: In addition to the regular curricula, with a view to make students more employable, value added courses, career oriented papers and self study papers are being offered to the students, in collaboration with other institutions through MoU.

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Career oriented courses: The College has introduced some Career Oriented Courses for the UG students. These courses are approved by the UGC and Seed Money is also provided by the UGC. At present the college offers seventeen career oriented courses.

Staff Welfare : The management has been providing the contributory provident fund, group gratuity through LIC, Employee death linked insurance (EDLI), interest free loan, in addition to free transport facilities, staff grievance cell, financial assistance for research and an association Staff Academic Forum for Excellence (SAFE).

Career development programme: For individual benefits, the management is providing sabbatical leave on research grounds. Faculty are encouraged to get Young Scientist Award (one faculty has received Young Women Scientist Award from Tamilnadu State Council for Science and Technology). Incentives are offered for guiding scholars at Ph.D level publishing articles in reputed journals and books.

Performance appraisal : Faculty development Programmes are organised on the basis of the feed back from the teachers themselves, from the heads of the departments concerned, from the students and from an expert committee. This exercise is done once in a year. Based on the feed back, strategies are evolved and the programmes are organized.

Games and Sports : The college teams have won inter-collegiate matches, at university level. The Ministry of Sports and Youth Affairs has granted Rs. 3,00,000 for the development of the sports facilities. Sports persons are given scholarships, free boarding and free lodging.

Training and Placement cell: Karpagam Placement Cell was started in August 1998, headed by a Placement officer who coordinates with the companies in organising Campus interviews in and off the campus. The registered students are provided Training and Placement assistance.

Institute – industry linkage: The college helps the students to enter into the industry by giving them hands-on- training in collaboration with various institutes. Their sister concern KMRF has entered into MoU with Wageningen University of The Royal

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Netherlands to offer online DNA diploma Course. The facilities available in their Bioscience laboratories are being made use of to offer the on line course.

Advanced centre for Doctoral research

The Management has promised that a Centre for Doctoral research will be set-up with a full-time dean office. The centre will look after the recognition and registration of the guides, frequent doctoral committee meetings to evaluate the research works by the scholars, setting minimum guidelines for submission of thesis and provision for presentation of their findings in international /national conferences. Overall quality and performance of the research will be ensured.

41. Fee Structure : give detail

The following are the fees structure:

Name of UG Course	Semester Fees	Name of PG Course	Semester Fees
B.Com	Rs. 6000/-	M.C.A	Rs. 30000/-
B.Com CA	Rs. 8500/-	MSc Computer	Rs. 15000/-
BBM	Rs. 6000/-	Science	Rs. 20000/-
BBM CA	Rs. 7000/-	MSc Bio Chemistry	Rs. 25000/-
BSc Computer Science	Rs.10000/-	M.Sc. Micro Biology	Rs. 15000/-
B.C.A	Rs.11000/-	M.Sc. Appl. Electronics	Rs. 15000/-
BSc. Information Technology	Rs.11000/-	M.S.W (Social Work)	Rs. 40000/-
B.Sc Bio Chemistry	Rs. 7000/-	M.Sc. Bio Technology	Rs. 20000/-
B.Sc Catering & Hotel Mgt	Rs.15000/-	M.Sc. Bio Informatics	Rs. 30000/-
B.Sc Bio technology	Rs.15000/-	M.Sc. Industrial	Rs. 20000/-
B.Sc Microbiology	Rs.14000/-	Biotech	Rs. 20000/-
B.Sc Electronics	Rs. 5500/-	M.Sc. Physics	Rs. 25000/-
B.Sc Physics	Rs. 5500/-	M.Sc. Chemistry	Rs. 12000/-
B.Sc Chemistry	Rs. 5500/-	M.Sc Microbial Biotech	Rs, 50000/-
		M.Com CA	
		MBA	

Name of the Research Programmes	Annual Fees	Remarks
M.Phil – Social Work	Rs. 7500/-	Out of this 25 % of the fees collected is given to the respective Research Guides as additional incentive
M.Phil - Management	Rs. 9000/-	
M.Phil – Computer Science	Rs. 10000/-	
M.Phil – Biochemistry	Rs. 10000/-	
M.Phil - Biotechnology	Rs. 10000/-	
M.Phil - Microbiology	Rs. 10000/-	
M.Phil - Chemistry	Rs. 10000/-	
M.Phil - Physics	Rs. 10000/-	
Ph.D - Social Work	Rs. 10000/-	
Ph.D - Management	Rs. 10000/-	

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Ph.D - Biochemistry	Rs. 15000/-	
Ph.D - Biotechnology	Rs. 15000/-	
Ph.D - Microbiology	Rs. 15000/-	
Ph.D - Chemistry	Rs. 15000/-	
Ph.D - Tamil	Rs. 10000/-	

42. Admission Policy/Procedure in brief

The College follows the admission rules framed by the Government of Tamil Nadu and Bharathiar University. For MBA and MCA the College fills 50% of the seats from the common entrance examination conducted by the Consortium of Management Colleges and the balance 50% is given to the Tamil Nadu Government which conducts entrance examination and sends the list of candidates as per single window counseling.

43. Examination system in brief

In duly constituted Board of Studies meetings, course contents are finalized and the Standing Committee on Academic Affairs recommends the same to the Academic Council. The Academic Council scrutinizes and approves the contents. Office of the Controller of Examination on getting the syllabus prepares documentation for conducting the examinations and conducts the examinations. Controller Office finalizes exam pattern in consultation with HODs and Principal and prepare the question paper pattern. They select a team of experts in each and every field and keep the records updated to choose persons for question paper setting. Exam schedule is drawn and accordingly time table is published. After the examinations are over, the Answer sheets are kept in the strong room. After all exams are over, a day is fixed for evaluation. After evaluation and data entry, a date is fixed for "Passing Board". On that day results is declared and intimated to the students. Mark sheets are printed in a Government approved Printer with four security code. After results passing Board approval certificates are printed and issued to the students.

Method of Evaluation

Formative – Continuous Internal Assessment – 30%
(Centralized, Individual – Problem based, Team Evaluation)

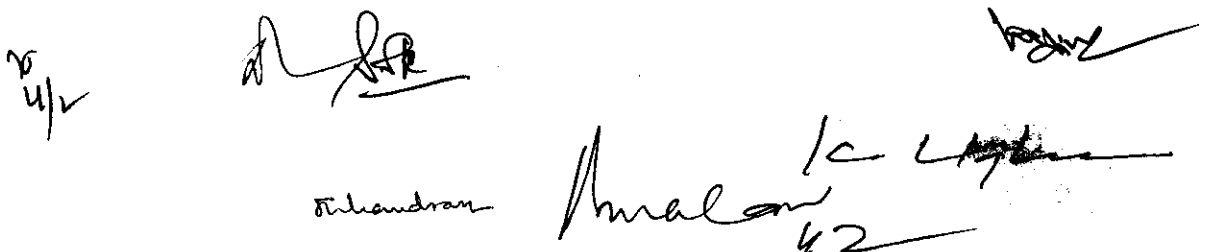
Summative – End Semester Examination – 70%
(Question Paper Pattern, Central Valuation, Double Valuation for PG, Single Valuation for UG, Provision for Revaluation (UG), Transparency)

Pattern of Examination

Part-A – Online Examination, Question Bank

Part B & C – Descriptive pattern

(Question paper setting by experts outside Bharathiar University area)



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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.

Yes copies of undertakings are enclosed as ANNEXURE-XIV.

IV. Specific observations of Group-I including AICTE nominee (Prof. Raju Chandrasekhar, Prof. M. Basheer Ahmed Khan, Prof. S.S. Katiyar)

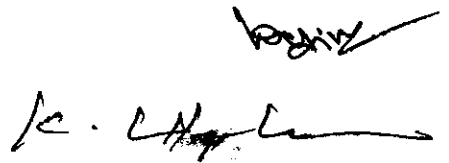
AICTE nominee's observations

- a. The management is pro-active, motivated and committed as could be seen through the developments that have been carried out in the past ten to twelve years.
- b. With regard to the Central facilities such as Computer Centre, Canteen, Playgrounds etc. the facilities are satisfactory for the programmes being run at present.
- c. The group of institutions has provided 8 Mbps connectivity with large number of terminals in the departments.
- d. It is seen that the Financial support is adequate.
- e. Teaching learning methodology is in place making use of its autonomous status effectively.
- f. The number of research projects and consultancies undertaken gives an indication that the faculty and management have due concern for promotion of research culture in the campus.
- g. Both the eligible programmes have been accredited by NAAC.
- h. The number of faculty appointed is very good and satisfies the norms of the statutory bodies. However the cadre ratio needs improvement as it is skewed towards junior level faculty.
- i. Faculty selection procedures and pay scales are as per norms of the state government. Incentives are also given based on the performance of the faculty members, which is appreciable.

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RECOMMENDATIONS by AICTE nominee

Based on the above observations and considering the commitment, potential of the management and faculty, the committee recommends that the Karpagam Academy of Higher Education may be considered for conferment of Deemed to be University Status under section 3 of UGC Act so far as MBA and MCA programmes are concerned. This shall, however, be subject to the compliance by the institution to the Norms and Standards as specified from time to time by the statutory bodies such as UGC and AICTE.


UGC Experts

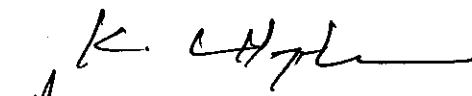
- a. The management and MCA department have been visited and found to have requisite and qualified staff members and facilities.
- b. The number of research publications, seminars attended by the staff and also the papers presented show a very healthy trend and the topics taken for research are innovative. The department has a record of research, conduct of Seminar and guiding Ph.D. research.
- c. Several staff members have registered for Ph.D. where the Head of the department is guiding 8 Ph.D. This exhibited a surge in research activities.
- d. Teachers were happy that the management is encouraging the Ph.D. level and incentivising them for presenting papers by even bearing the cost of air fare and local expenditure for a trip overseas. The staff express that they are receiving adequate motivation from the management and the present interaction between the staff and management apparently is adequate.
- e. The students are by and large satisfied with the teaching programmes.
- f. Most students pass in their examinations and are placed in jobs.
- g. The computer lab has sufficient no. of computer for the number of students admitted.
- h. The library has some management books and journals at the department level.
- i. The department maintains all the records and documents.

V. Specific observations of Group-II
(Prof. K. Ulaganathan, Prof. D.C. Tiwari, Prof. K.N. Tripathi)

- a. All the Departments have sufficient number of faculty members.
- b. The faculty specially those with Ph.D. have undertaken research projects and some projects are on-going which is an encouraging sign in a college.

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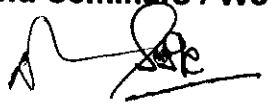

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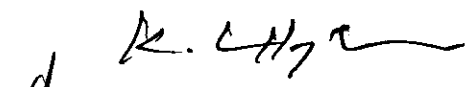
- c. Faculty is encouraged to publish their research findings and a number of good publications have come out which is good. Research publications, particularly by Chemistry faculty have been very good.
- d. The catering and hotel management department is producing undergraduates and the notable feature of this is that they have excellent lab facilities, quantity kitchen, mock bar and front office. Inspection of all the records proved to be satisfactory.
- e. Labs are well equipped as per the undergraduate and post graduate courses.

VIII. GENERAL OBSERVATIONS OF THE COMMITTEE

1. Karpagam Arts and Science College, Coimbatore, Tamil Nadu which was established in a rural area adjoining Coimbatore city in the year 1995 by Karpagam Charity Trust with 4 courses, now offers 14 Under Graduate, 15 Post Graduate, 8 M.Phil and 6 Ph.D. courses.
2. The faculty is comprising of 28 Ph.Ds, 87 M.Phils, 57 PGs and 10 others. At present 31 members are pursuing Ph.D. programmes. The college has 115 recognized guides to guide the scholars in research.
3. The College has been accredited by NAAC with B+ grade and has been granted autonomous status by UGC and Bharathiar University.
4. Apart from the general courses, the College is offering MBA, MCA, Catering Science & Hotel Management, MSW, Biochemistry, Software Systems, Biotechnology, Industrial Biotechnology, Bio-informatics, Microbiology, Information Technology, Applied Electronics, Microbial Biotechnology, BBM, BCA etc. courses.
5. The College has good infrastructural facilities. The College has 26.5 acres at Campus I and 110 acres at Campus II. The infrastructure includes Administrative Block, MBA Block, Academic Block, Hostels, Auditorium, Conference Halls, Labs, Botanical Garden etc.
6. The College has 58 well equipped laboratories with latest equipments in very good conditions.
7. The research activities and research ambiance in the College is very good. The College has completed 15 research projects funded by UGC, Ministry of Environment and Forest, Youth Affairs and Trust. At present 5 research projects are ongoing which are funded by UGC, ICSSR, ICMR, Ministry of Social Justice and Empowerment.
8. The management is providing fund for the promotion of research activities and to attend Seminars / Workshops / Conference / Training to

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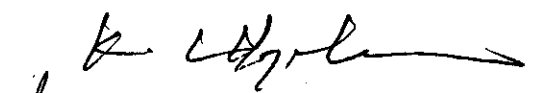
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- faculty and students. Sabbatical leave is being given to faculty for research abroad. Incentive for publications of books, journals and research guidance is provided. Orientation programmes, faculty improvement programmes, personality development programmes are being organized for faculty.
9. Teaching methods and strategies includes Lecture, Multimedia Presentation, Interactive Sessions, Problem Based Teaching, Self Learning, Peer Learning, Experiential Learning, Remedial Courses, Enrichment Learning, Case Studies and Bridge Course – Hand Books.
 10. The College has applied for 3 patents, earned 76 university ranks, 26 books published apart from Journal of Computer Science publication.
 11. The College is actively involved in extension activities such as Health care, NSS, YRC, ECO club, Voluntary Blood Donors Club, Rain Water Harvesting, adoption of village, women and child welfare, computer literacy camp to villagers, catering management course to socially backward classes (sponsored by TAHDCO), Rural School Development EDP cells for men & women, employment oriented courses for women, etc.
 12. The College has tie-up with various industries and institutes like Ganga Hospital, Coimbatore, CODISSIA , Kniss laboratories, Chennai, Thyrocare, Mumbai. For regular academic activities like projects, implant training, block placement, industrial training, for field work, the College has linkages with various institutions, industries, hospitals, research institutions and NGOs.
 13. The College has a Training and Placement Cell which is conducting placement training by inviting business executives and industrialists. Regular on-campus interviews are being organized with good results.
 14. The College has hostel facility with 113 rooms (436 students) for men and 141 rooms (578 students) for women. Library and internet facilities, ATM, General Store facilities are available in the Hostels.
 15. The College has organized 3 international seminars / workshops / conferences sponsored by American Society for Microbiology (ASM), USA, AICTE and CSIR and 147 national seminars / workshops / conferences sponsored by UGC, SBI, SIDBI and KCT.
 16. The performance appraisal system is in place. Feed back received from students, teachers and HODs is audited by external experts.

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Suggestions of the Expert Committee:


1. The hostel facilities need to be strengthened and improved further.
2. The staff must be provided individual computers with adequate internet facility 24X7.
3. More senior faculty can be recruited to strengthen the research component.
4. As most electronic journals are freely available after 6-12 months of their publications, more terminals to access them by the students and faculty can be provided.
5. The MBA department should provide full size cubical for each and every faculty.
6. The MBA department should augment its reading resources through a large collection of books and journals. Latest books & Journals and subscription for e-library may be provided.
7. The lectures and teaching have to be interactive and practically oriented.
8. More placement related activities have to be organized.
9. Some state of art equipments for the research may be added to enable the faculty for their periodic enhancement of knowledge.

Suggestions by AICTE nominee

1. The hostel rooms and the number of reputed journals procured in the library need to be improved.
2. Each faculty member could be provided with a dedicated computer with internet facility so that they can use the same for teaching and research.
3. Decentralization with more faculty participation in Budgeting, Management and Decision making at all levels is recommended.
4. The institution should take steps for NBA accreditation at an early date.
5. Less faculty with Ph D degree exists at present, however a large number of faculty members have registered for their Ph D which is appreciable. It is suggested that the present faculty should also be encouraged to attend short term courses, seminars, conferences etc. in the institutions of repute such as IITs and NITs to sharpen their skills and to develop contacts.
6. More publications are required in referred journals as most of the publications shown are in conferences. More Industry Institute interaction is desirable.
7. Results and Placement of students are good. However, more Core companies should be invited for recruitment. Adequate programs are organized to develop the skills, competencies and overall personality of students particularly to improve the employability and professional skills of students.

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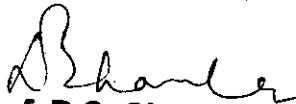
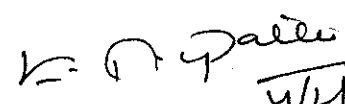


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V. RECOMMENDATIONS OF THE COMMITTEE

The Expert Committee after inspecting the College, interacting with the Management, faculty, non-teaching staff, students and the above observations has found the following strength in the institution:-

1. The College is situated in the rural area and catering to the educational need of the village population particularly women.
2. The College has been accredited by NAAC with B+ and the UGC has granted autonomous status to the College.
3. The College has sufficient infrastructure, qualified and sufficient faculty and other required facilities to be eligible for a Deemed to be University status.
4. The Management is financially sound and is willing to create further improvement in the College.
5. The research activities and research ambiance already exist in the College and the Management is supportive and encouraging the faculty to undertake more research.
6. Apart from the other courses, the College is running MBA, MCA, Microbiology, Bio-Chemistry, Biotechnology, Computer Science, Electronics and many other professional and career oriented courses funded by UGC.

Taking into account the above, the Committee unanimously recommends grant of Deemed-to-be-University status to Karpagam Academy of Higher Education, Coimbatore, Tamil Nadu comprising of Karpagam College of Arts and Science. However, the Institute may be reviewed after three years by an Expert Committee of UGC.




 (Prof. D.S. Chauhan) 4/2/08 (Prof. K.N. Tripathi) 4/2/08 (Prof. D.C. Tiwari)

To be read with AICTE Refd



 (Prof. S.S. Katlyar) 4/2/08 (Dr. Raju Chandrasekar) (Dr. M. Basheer Ahmed Khan)
 AICTE Nominee


 (Dr. K. Ulaganathan)