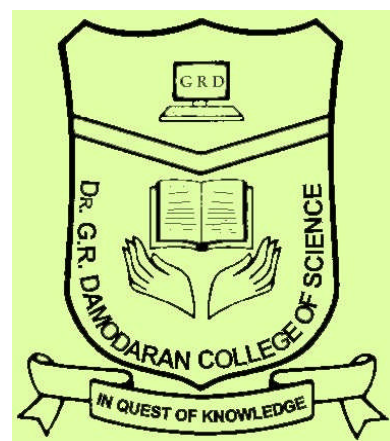


ANNUAL QUALITY ASSURANCE REPORT(AQAR) OF THE IQAC

2013-2014



Dr. G.R. DAMODARAN COLLEGE OF SCIENCE

(Autonomous)

Civil Aerodrome Post, Avanashi Road,

Coimbatore – 641 014.

The Annual Quality Assurance Report (AQAR) of the IQAC

Year of Report: 2013 – 2014

All NAAC accredited institutions will submit an annual self-reviewed progress report to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the institutional IQAC at the beginning of the academic year. The AQAR will detail the results of the perspective plan worked out by the IQAC. *(Note: The AQAR period would be the Academic Year. For example, July 1, 2012 to June 30, 2013)*

Part – A

1. Details of the Institution

1.1 Name of the Institution

Dr. G.R.D College of Science

1.2 Address Line 1

Civil Aerodrome Post

Address Line 2

Avinashi Road

City/Town

Coimbatore

State

Tamil Nadu

Pin Code

641014

Institution e-mail address

grdcs@grd.org

Contact Nos.

2572719, 2576557, 2591863-64

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Name of the Head of the Institution:

Dr.T.SANTHA

Tel. No. with STD Code:

0422-2572719

Mobile:

9842221162 , 9842256114

Name of the IQAC Co-ordinator:

Dr. S.BRINDHA

Mobile:

9952830174

IQAC e-mail address:

grdcsiqac@grd.edu.in

1.3 NAAC Track ID :

TNCOGN10125

1.4 Website address:

<http://grd.org/grdcs/IQAC/IQAC2013-2014.pdf>

1.5 Accreditation Details:

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle				
2	2 nd Cycle	A	3.18	2009-2014	5 Years
3	3 rd Cycle				
4	4 th Cycle				

1.6 Date of Establishment of IQAC :

06/04/2006

1.7 AQAR for the year:

2013-2014

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1.8 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC

- i. AQAR 2009-2010 (03/11/2014)
- ii. AQAR 2010-2011 (13/07/2015)
- iii. AQAR 2011 -2012 (16/07/2015)
- iv. AQAR 2012-2013 (31/07/2015)

1.9 Institutional Status

University State Central Deemed Private

Affiliated College Yes No

Constituent College Yes No

Autonomous college of UGC Yes No

Regulatory Agency approved Institution Yes No

(AICTE Approved)

Type of Institution Co-education Men Women

Urban Rural Tribal

Financial Status Grant-in-aid UGC 2(f) UGC 12B

Grant-in-aid + Self Financing Totally Self-financing

1.10 Type of Faculty/Programme

Arts Science Commerce Law PEI (Phys Edu)

TEI (Edu) Engineering Health Science Management

1.11 Name of the Affiliating University (*for the Colleges*)

BHARATHIAR UNIVERSITY

The Annual Quality Assurance Report (AQAR) of the IQAC 2013-2014

1.12 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University

University with Potential for Excellence No

UGC-CPE

DST Star Scheme No

UGC-CE

UGC-Special Assistance Programme Yes

DST-FIST

UGC-Innovative PG programmes No

UGC-COP Programmes Yes

2. IQAC Composition and Activities

2.1 No. of Teachers

2.2 No. of Administrative/Technical staff

2.3 No. of students

2.4 No. of Management representatives

2.5 No. of Alumni

2.6 No. of any other stakeholder and
community representatives

2.7 No. of Employers/ Industrialists

2.8 No. of other External Experts

2.9 Total No. of members

2.10 No. of IQAC meetings held

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2.11 No. of meetings with various stakeholders: No. Faculty

Non-Teaching Staff Students Alumni Others

2.12 Has IQAC received any funding from UGC during the year? Yes No

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos. International National State Institution Level

(ii) Themes

1. Health is Wealth
2. Lively Teaching

2.14 Significant Activities and contributions made by IQAC

- The departments are asked to strengthen the BOS members. The change in syllabus, updation if any regarding to the syllabus are to be meticulously carried out and the same to be sent to the respective BOS members well in advance.
- The faculty members are motivated to make use of latest Teaching Pedagogy in their class rooms. Most of the classrooms of all courses are enabled with Wi-fi, smart boards and LCD Projectors.
- The faculty members are encouraged to enrich their Research & Publication and make use of inhouse journal WIDE SPECTRUM.
- Students are also motivated to hone their socialising & leadership skills, by organising various events like Joy of Giving, SCIB Bazaar, Accendo, Brand Expo, Avatar, etc.,

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

Plan of Action	Achievements
<ul style="list-style-type: none"> • Introducing new courses • Organising workshop in the area of Research 	<p>M.A. English Literature (CA) M.Phil (Tamil) – FT & PT</p> <p>Conducted a workshop on Research Analysis Using SPSS & AMOS on 13.02.2014 & 14.02.2014. Resource Person: Dr.Revees Wesely Professor ,VIT,Chennai.</p> <p>Conducted a workshop / seminar / Guest lecture on “Identification of Potential Mycotoxin Producing Black <i>Aspergilli</i> and Occurrence of potential aflatoxin producing <i>Aspergilli</i> in Hungary on 22nd Nov 2013. Resource Person: Miss. Gyöngyi Szigeti and Miss. NikolettBaranyi</p> <p>Bio-Eco club on 6th Mar 2014 Chief Guest: Mr Piyush Manush</p> <p>Conducted a workshop on Animation and Coreldraw on 10th Sep 2013. Resource Person: Mr.Imthiaz Mehboob sheriff, Multimedia Programmer, School of visual communication, Dr.G.R.D College of Science.</p> <p>Conducted a workshop on Robofeast 2013 on 21st Nov 2013 & 22nd Nov 2013. Resource Person: Mr.Anil Kumar Bogra, Mr.Subodh Kant, Robotics Engineers, IIT,Roorkee & Revert Technologies.</p> <p>Conducted a workshop on Appsfluxus '14 on 27th Feb 2014 & 28th Feb 2014. Resource Person: Mr.Ravikumar, Mr.Vikash Chauhan, Mr.Akash Kumar Singh, IIT,Roorkee & Finland labs.</p>

<ul style="list-style-type: none"> Organising MDP / FDP's 	<p>Conducted a workshop on Workshop on Rapid Miner : A Data Mining Tool on 3rd Mar 2014. Resource Person: Dr. S. Gunasekaran Professor and Head, Department of Computer Science and Engineering CIET, Coimbatore.</p> <p>Conducted an MDP on Change Management on 08.08.2013 Resource Person : Mr.SriKandiah Professor, Southampton Management School, U.K.</p> <p>Conducted an FDP on Behavioural Finance on 10.01.2014 Resource Person: Mr.Mohan.P Retd. Principal, Staff Training College, Lakshmi Vilas Bank, Karur. Mr.Marudhamuthu, Chief Manager, Forex Cell, Lakshmi Vilas Bank, Karur.</p> <p>Conducted an FDP on Health is Wealth on 13th Dec 2013. Resource Person: Dr.M.Ganesh, Gastroenterologist, Former Consultant, Sheffield University-UK</p> <p>Conducted an FDP on Lively Teaching on 24th Jan 2015. Resource Person: Dr Ian Chai , Faculty of Engineering, Mulitmedia University, Malaysia</p> <p>Conducted an FDP on Effective Research Proposal Writing on 7th Apr 2014. Resource Person: Prof.Dr.Sudhanshu Shekhar Jamuar, Department of Electrical Engineering, University of Malaya, Kuala Lumpur, Malaysia.</p>
<ul style="list-style-type: none"> Research based conferences & Seminars 	<p>Conducted the Bioscience Journal club on 20th Sep 2013 Conducted a Guest lecture on 22nd Nov 2013 by Gyöngyi Szigeti</p> <p>Conducted a one day training course on "HACCP Principles and Application in Food</p>

	<p>industry” by NIST Institute Private limited on 4th Mar 2014</p> <p>Conducted a seminar on Security and Challenges in Cloud Computing on 4th July 2013</p> <p>Resource Person: Mr.V.Murali, Senior Director, Newyork City Transit (Technical Solutions), USA</p> <p>Conducted a seminar on Vex Robotics Design System on 24th July 2013. Resource Person: Mr.S.Madhusudhanan, Head Broadcast and Education Solutions, Darsh Techno Systems, Chennai.</p> <p>Conducted a seminar on Professionalism – Inauguration on 31st July 2013. Resource Person: Mr.Kanakaraj Duraisamy, Associate Director, Projects, Cognizant Technology Solutions, Coimbatore.</p> <p>Conducted a seminar on Cognizant Evolve Programme on 7th Aug 2013. Resource person: Mr.Thiagu Dharmalingam, Human Resources, Cognizant Technologies Solutions, Coimbatore.</p> <p>Conducted a seminar on Current Technologies and Higher Educations on 13th Aug 2013. Resource person: Mr.Vasanth kumar B.E.,MBA., IMS Learning Resources Pvt Ltd,Coimbatore.</p> <p>Conducted a seminar on Wireless Networks on 19th Aug 2013. Resource person: Mr.P.Raman, Director, Ransys Bios Technologies Pvt Ltd, Chennai</p> <p>Conducted a seminar on Ethical hacking on 27th Aug 2013. Resource person: Mr.Ankit Fadia, Computer Security expert, Mumbai.</p> <p>Conducted a seminar on Challenges in Cloud Computing on 21st Aug 2013. Resource person: Mrs.C.Sreevalli, IT Project Manager, Sanmina Corporation, San Jose, USA.</p> <p>Conducted a seminars on Motivation to Re-</p>
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	<p>search on 5th Sep 2013. Resource person: Dr.G.R.Karpagam, Professor, Department of Computer Science and Engineering , PSG College of Technology.</p> <p>Conducted a seminar on Current Trends in Animations on 19th Sep 2013. Resource person: Mr. Rajendran Krishnaswamy, Director, Arena Animation, Coimbatore.</p> <p>Conducted a seminar on Funding Opportunities for Research on 19th Sep 2013. Resource person: Mrs.S.Lalitha Nagesvari, Program Coordinator, United State India Educational Foundation.</p> <p>Conducted a seminar on The Research issues in Network Security on 28th Sep 2013. Resource person: Dr.S.Selvakumar, Professor & Head, Department of Computer Science & Engineering, National Institute of Technology, Tiruchirappalli - 620 015.</p> <p>Conducted a seminar on Image Vision on 10th Oct 2013. Resource person: Prof.Bhanu Prasad Pinamaneni, Adviser, Kelenn Technologies, France, Adviser, Shubham Technologies, Ahemadabad.</p> <p>Conducted a seminar on Cloud computing on 24th Oct 2013. Resource person: Mr.Sachin Waingankar, Head - Technical, Zenith World Group, Mumbai.</p> <p>Conducted a seminar on Apple iOS Development on 25th Oct 2013. Resource person: Ms.Sharanya, iOS application developer, Atom systems, Coimbatore.</p> <p>Conducted a seminar on Service Oriented Architecture on 5th Nov 2013. Resource person: Dr.G.Zayaraz ,Department of Computer Science & Engineering,Pondicherry Engineering College, Pondicherry.</p>
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	<p>Conducted a seminar on Aberyswyth's Sailing Robots on 28th Nov 2013. Resource person: Dr.Edel Mary Sherratt, Department of Computer Science, Aberyswyth University, Wales, UK</p> <p>Conducted a seminar on Multimedia and Animation on 31st Dec 2013. Resource person: S.Thiyagarajan Operations Head Image - Institute of Multimedia Arts & Graphic Effects.</p> <p>Conducted a seminar on Orientation by Launchpad on 2nd Jan 2014. Resource person: Mr.James Vineeth, Launchpad, Coimbatore.</p> <p>Conducted a seminar on Where should I Go & What should I do on 3rd Jan 2014. Resource person: Thiru N.C. Nandagopalan Secretary, PSGCAS Coimbatore.</p> <p>Conducted a seminar on Business Analytics on 7th Jan 2014. Resource person: Dr.U. Dinesh Kumar, Professor, IIM, Bangalore.</p> <p>Conducted a seminar on Tip and Shortcuts for Problem Solving in Mathematics on 7th Jan 2014. Resource person: Mr.V.Sasikumar, PSG Sarvajana School, Coimbatore.</p> <p>Conducted an International Conference on Advances in Information Technology and Networking on 22nd Jan 2014. Resource person: Dr Ian Chai , Faculty of Engineering, Mulitmedia University, Malaysia.</p> <p>Conducted a seminar on Big Data Security and Visualization on 26th Feb 2014. Resource person: Dr Aravind Benegal, Vice President, Technology Practice, Persitent system limited , Pune.</p> <p>Conducted a seminar on Agile Project Management Techniques on 5th Mar 2014. Resource person: Mr. Vinod Vijaya Kuma-</p>
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<ul style="list-style-type: none"> • Promoting entrepreneurship among students • To enrich the social reach of the student 	<p>ranTCO Labs India-Integration Services, SAP Labs India Pvt. Ltd., Bangalore.</p> <p>Conducted a seminar on Eigen value in Extraction of Image Features on 7th Mar 2014. Resource person: Dr. D.S.Guru, Professor, Department of Studies in Computer Science, University of Mysore, Mysore.</p> <p>Conducted a seminar on Research Focus on Soft Computing Techniques on 14th Mar 2014. Resource person: Dr. U.S.Ragupathy Professor and Head Department of Electronics and Instrumentation Engineering, Kongu Engineering College, Perundurai, Erode.</p> <p>Conducted a seminar on National Science Day on 7th Mar 2014. Resource person: Prof.Dr.K.Ramasamy, Vice Chancellor, Tamilnadu Agriculture University, Coimbatore.</p> <p>Conducted a seminar on Intel in Mobile! on 22nd Mar 2014. Resource person: Mr. Vishnuraj, Analog Engineer, Intel, Boston, USA.</p> <p>Conducted a CEO's Words Series - "E-Commerce and Entrepreneurship" on 21.08.2013 Resource Person: Mr.RahulNarvekar, NDTV Ethnic Retail Ltd, New Delhi</p> <p>The students were encouraged to participate in various social activities like Visits to orphanages, activities in Red Ribbon Club, NSS, Model Exhibition and World Sparrow Day Celebrations as a part of Geo Green Club activities.</p> <p>Eco-Club activities were conducted in collaboration with "OSAI", An Environmental NGO in Coimbatore .</p> <p>I Year & III year students went for Industrial Visit to</p> <ul style="list-style-type: none"> ❖ Center for Human genetics ❖ Project directorate on Animal disease Monitoring and Surveillance
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	<p>Joy of Giving: A Team of students from I year MBA involved in the following activities in this program during August, 2013.</p> <ul style="list-style-type: none"> ➤ Tree saplings were given to the students of Govt. Girls Hr.Sec. Schools, and to some of the households. ➤ Donated old cloths, books and toys to a Charity Trust. <p>Joy of Giving A Team of five students from all UG and PG classes involved in the following activities in this program.</p> <ul style="list-style-type: none"> ➤ Gifted dress materials to new born babies ➤ Provided drawing, story book and abacus tools to the children of 10 to 15 years old. ➤ Tree saplings were given to the students of Govt. Girls Hr.Sec. School, SBOA School and to some of the households of RS Puram. ➤ Donated old cloths, books and toys to a Charity Trust. <p>Conducted Blood donation camp</p> <p>Conducting various social awareness campaigns like Child Labour, Go Green, Road Safety, Give what you can, etc; Walkathon for Cancer awareness.</p>
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* Attach the Academic Calendar of the year as Annexure.

2.16 Whether the AQAR was placed in statutory body Yes No

Management Syndicate Any other body

Provide the details of the action taken

The department wise proposal / plan of action of AQAR for the year 2013-2014 was placed in the meeting. The meeting comprises of Management, Principal & IQAC Committee members. All the items mentioned in the proposal are briefed by the individual HOD. Upon approval by the members, the activities which are sanctioned can be organised by the College in future.

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	4	-	-	-
M.phil	2	-	-	-
PG	8	Additional Section(1)	1	
UG	14	-	1	-
PG Diploma	1	-	1	-
Advanced Diploma	1	-	1	1
Diploma	1	-	1	1
Certificate	1	-	1	1
Others	1	-		
Total	33	1	6	3

Interdisciplinary	3	-	-	-
Innovative	1	-	-	-

1.2 (i) Flexibility of the Curriculum: **CBCS/Core/Elective** option / Open options

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	10
Trimester	-
Annual	-

1.3 Feedback from stakeholders* Alumni Parents Employers Students
(On all aspects)

Mode of feedback : Online Manual Co-operating schools (for PEI)

**Please provide an analysis of the feedback in the Annexure*

Annexure: 1 Feed Back form Stackholders:-

1. Students feedback are collected on the following parameters on 1-5 Scaling .

- a) Teaching Effectiveness
- b) Teaching Methods
- c) Report of the Students.
- d) discipline

2. Interaction with the parents, and alumni are done on regular basis .Frequent follow up with parents regarding the students attendance updation discipline Alumni are included as part BOS their Suggestions and contributions are incorporated at various levels of the system.

3. **Employers:** Corporates are approached by the student for availing projects which would help them for placements. Their inputs are also highly appreciated in molding students to set them in a career.

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

Yes, updation of syllabus is carried out every year. For academic year 2013-14, the following updations have been incorporated.

- In MBA Curriculum,Content change in a few subjects offered in IInd Semester
- Electives to be offered in IInd &IIIrd Semester.
- Introduced New Finance Elective.
- New syllabus for career oriented course – certificate level, diploma & advanced diploma levels.
 - Written communication to Assertiveness and body language
 - Electronic communication to group discussion and interview skills
 - Ethics and behavior to ethics and value
- Introduced Retail management, Principles of Marketing, Banking Law and Practice, Entrepreneurial Development

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- The syllabus was revised for the following subjects: 100E, 200E, 300E, 400E and The new paper, "Interview techniques" was introduced to the first years for the second semester.

1.5 Any new Department/Centre introduced during the year. If yes, give details.

-----NA-----

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty	Total	Asst. Professors	Associate Professors	Professors	Others
	139	78	10	3	-----

2.2 No. of permanent faculty with Ph.D.

32

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
23	-	-	-	-	-	-	-	23	-

2.4 No. of Guest and Visiting faculty and Temporary faculty

5

7

Nil

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Semi-		14	8
Presented pa-	11	23	4
Resource Persons	2	-	-

2.6 Innovative processes adopted by the institution in Teaching and Learning:

Laptops and LCDs are used in classrooms to make presentations both by the faculty and students. Wifi connectivity is provided for internet access. Video CDs and DVDs are used for certain topics.

The following are the important innovative practices adopted by the institute to facilitate effective Teaching –Learning programme outside the classroom environment.

GRDIM-MBA

- E – Learning module on “Career Strokes” By Mr. Kris Srikanth, Former Indian Cricket Captain offered to students to enhance their skills and bring out their professionalism.
- “Corporate Theatre” by Mr.Prakash Dharmarajan, VP, O&M, Chennai
- Personality Development (Out bound training) activities by Master Stroke.
- LCD and Projector attached smart class rooms, Webminars, Remote Lectures and Internships in the Leading Organizations .

2.7 Total No. of actual teaching days

90 days

during this academic year

2.8 Examination/ Evaluation Reforms initiated by

the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

MBA examination papers are valued by two examiners –one internal and the other external.

The internal assessment is done by following a composite system with continuous assessment with multiple components .The part I consists of Mid-Term Test ,MCQ test and Model Exam with 15 marks and the part II consists of Attendance ,Assignment ,Seminar and Term paper with 25 marks respectively.

The MBA full time students are assessed by their Learning Diaries they maintain in which they record all their learning from their Co-curricular activities. This component is named as Career and Life skills and forms a component in part I.

PG examination papers are valued by two examiners –one internal and the other external.

The internal assessment is done by following a composite system with continuous assessment with multiple components .The part I consists of Mid-Term Test ,MCQ test and Model Exam with 15 marks and the part II consists of Attendance ,Assignment ,Seminar and Term paper with 25 marks marks and the part II consists of Attendance ,Assignments , 10 marks respectively.

UG examination papers are valued by external examiners.

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2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop

145

69

58

2.10 Average percentage of attendance of students

75%

2.11 Course/Programme wise distribution of pass percentage :

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
MBA	57	63	33	1.8	-	84
B.Sc (BT)	8	-	100	-	-	100
M.Sc (BT)	6	-	100	-	-	100
BCA(A)	29	-	65.5	10.3	-	73.3
BCA(B)	38	-	57.9	5.2	-	63.1
B.Sc(CS)	45	-	51.1	17.7	-	57.4
B.Sc(IT)	46	-	67.4	6.5	-	73.9
MCA	40	-	82.5	-	-	82.5
MSc(CS)	22	-	91	-	-	91
MSc(IT)	17	-	100	-	-	100
B.A.ENG	22	3	18	---	---	95.45
MIB	109	25.69	74.31	--	--	100
B.Com	53	9.62	80.77	9.62	--	98
B.Com(CS)	58	--	36.73	63.27	--	84
B.Com(CA)	92	1.09	81.52	17.39	--	100
B.Com(E.Com)						
B.Com (AM)	50	--	55.55	44.44	--	90
B.Sc	47	-	25	9	-	72 %
MJMC	12	2	10	-	-	100 %

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :

The academic council of the college and the Board of Studies of all courses include external academicians ,professional experts and University nominees. The members of board of studies have many chances to interact and become aware of current developments in job specifications ,skill set needs and technology development in the fields of their interest. They also meet students and alumni and become aware of students views and experiences.

Introduction of quality audit procedures for ISO 9001:2000 has enabled the faculty to become aware of quality maintenance systems and engage in quality monitoring .

Teacher performance and achievements are assessed by an annual self-evaluation /performance appraisal, and the student opinion on each teacher and subject .The teachers are encouraged to take improvement action to rectify their shortcomings. The ISO audit on set targets also helps in this regard and triggers remedial actions.

Continuous assessment carries 40% weightage in the MBA programme and this component is used not only to keep the students working steadily but also to include various curricular components and assess development of different kinds.

Students are clearly informed about the modalities of continuous assessment and the requirements for credit .Model examination is given and model question papers are sent to Q.P setters .Results are reviewed by the Director ,HOD and Tutors for remedial action where needed.

A Committee exclusively formed for IQAC activities to guide the department for the innovative and quality outcomes. The committee reviewed periodically the activities and report them to the office of the Principal.

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	1
UGC – Faculty Improvement Programme	11
HRD programmes	-
Orientation programmes	-
Faculty exchange programme	11
Staff training conducted by the university	3
Staff training conducted by other institutions	15
Summer / Winter schools, Workshops, etc.	19
Others	MDP - 8 FDP -8

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	31	Nil	31	Nil
Technical Staff	17	Nil	17	Nil

Criterion – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

- ❖ A research committee has been constituted to review, coordinate and promote research in GRDIM.
- ❖ Deserving MBA Students are given opportunity to work with consultancy project (NDTV- Retail India Pvt.Ltd)
- ❖ GRDIM signed an MOU with “Brand Comm” and “career stroke” to promote consultancy projects and Career & life Skills Development to the students.
- ❖ **Computer Science**
- ❖ The IQAC helps to find the Research Groups of the department. The Proposals are prepared and obtained project funding from various agencies. More number of MPhil and PhD candidates are motivated for research

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	4	4	-
Outlay in Rs. Lakhs	-	-	49,79,271	-

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	2	2	-
Outlay in Rs. Lakhs	-	-	3,80,000	-

3.4 Details on research publications

	International	National	Others
Peer Review Journals	25	9	-
Non-Peer Review Journals	1	16	-
e-Journals	2	2	-
Conference proceedings	11	1	-

3.5 Details on Impact factor of publications:

Range Average h-index Nos. in SCOPUS

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	2013	University Grants Commission	22,42,100	17,82,800
Minor Projects	2013	University Grants Commission	3,80,000	2,85,000
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College	-	-	-	-
Students research projects (<i>other than compulsory by the University</i>)	-	-	-	-
Any other(Specify)	-	-	-	-
Total			6,22,100	20,67,800

3.7 No. of books published i) With ISBN No. Chapters in Edited Books

ii) Without ISBN No.

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3.17 No. of research awards/ recognitions received by faculty and research fellows
Of the institute in the year

Total	International	National	State	University	Dist	College
NIL						

3.18 No. of faculty from the Institution who are Ph. D. Guides and students registered under them

11

30

3.19 No. of Ph.D. awarded by faculty from the Institution

8

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones) Nil

JRF 2 SR - Project Fellows - Any other -

3.21 No. of students Participated in NSS events: (NA)

University level 60 State level 3 National level 9 International level 2

3.22 No. of students participated in NCC events: (NA)

University level - State level - National level - International level -

3.23 No of awards won in NSS:

University level - State level - National level - International level -

3.24 No of awards won in NSS:

University level - State level - National level - International level -

3.25 No. of Extension activities organized

University forum 5 College forum 20

NCC - NSS 11 Any other 27

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

- ❖ Joy Of Giving was organized by MBA Students
- ❖ Provided clothes, Notebooks, Rice bags to Swami Vivekananda Orphanage, Sundakkamuthur
- ❖ Visited Old age home & provided Old. Cloths Medicines & Rice Bags at Postal Colony, Perur
- ❖ Provided Sweet Notebooks, Crackers, Rice bags & Lunch to Anuvargal Anbu Illam, Peelamedu.
- ❖ Geo Green Computing Club celebrated the Zero Emission day on 20/9/2013, World Sparrow day on 20/3/14, World Water day on 22/3/14 and Models and Technical Exhibition on 21/9/2013 were organized.
- ❖ Tips and Shortcuts in Mathematics programme was organized on 10/1/14 for the benefit of higher Secondary Students facing Board Examinations.
- ❖ National Science day on 7/3/14 and National Education day on 11/11/13 were celebrated.
- ❖ An Inter department Sports meet was conducted on 13/2/14 for the students.
- ❖ An Intercollegiate Technical Meet was organized on 21/2/2014 to expose the talents of the students.
- ❖ A Social visit to orphanages “LML Charitable Home” at Thondamutthur by MPhil Scholars on 7/12/13 and “Sevalayam” at Uliyampalayam by II MCA(Re) on 4/1/14 were organized.

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area		NIL	Self Financing	-
Class rooms	77	NIL		77
Laboratories	19	1		20
Seminar Halls	9	NIL		9
No. of important equipments purchased (≥ 1-0 lakh) during the current year.	22	9		31
Value of the equipment purchased during the year (Rs. in Lakhs)	5,07,538	Rs.25 Lakhs		30,07,538
Others				

4.2 Computerization of administration and library

- The Scope of “EduManage” Software is enhanced
- Conversion and Implementation of Upgradation of Software is used in the Library

4.3 Library services:

GRDIM LIBRARY:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	11651	4044671	244	123743	11895	4168414
Reference Books	264	21391	NIL	-	264	21391
e-Books	02	1500	NIL	-	02	1500
Journals	60	101404	NIL	-	60	101404
e-Journals	10	317\$	NIL	-	10	317\$
Digital Database	01	5000	NIL	-	01	5000
CD & Video	1704	364278	NIL	-	1704	364278

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COMPUTER SCIENCE LIBRARY:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	7620	2290322	20	17557	7640	2307879
Reference Books	308	166129	-	-	308	166129
e-Books						
Journals	28	62278	-	-	28	62278
e-Journals	9	-	-	-	9	-
Digital Database	1	-	-	-	-	-
CD & Video	2106	460681	-	-	2106	460681

English Department:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	-	-	70	43504	70	43504

Commerce Department:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	3,977	14,00,332.94	77	21,560.00	4,054	14,21,892.94
Reference Books	-	-	NIL	-	-	-
e-Books	02	1500.00	NIL	-	02	1,500.00
Journals	08	11,284.00	NIL	-	08	11,284.00
e-Journals	03	8,800.00	NIL	-	03	8,800.00
Digital Database	01	5,000.00	NIL	-	01	5,000.00
CD & Video	272	44,637.92	NIL	-	272	44,637.92

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Viscom Department:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	1975	2299420	60	98847	2035	2398267
Reference Books	-	-	-	-	-	-
e-Books	-	-	-	-	-	-
Journals	-	-	2	1980	-	-
e-Journals	-	-	-	-	-	-
Digital Database	-	-	-	-	-	-
CD & Video	-	-	-	-	-	-

4.4 Technology up gradation (overall)

GRDIM:

	Total Com-puters	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	61	01	61	NIL	01	01	1 PC+ 4 Lap-tops	---
Added	61	NIL	61 (Up-graded)	NIL	NIL	NIL	NIL	---
Total	61	01	61	NIL	01	01	1 PC+ 4 Lap-tops	---

Computer Science:

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	-	-	Internet Bandwidth Upgraded to 35Mbps	-	-	-	-	-
Added	61	-	-	-	-	2 laptop	6 DLP Projectors	VU Tele presence video conference unit, VU 65 inch intelligent TV
Total	61	-	35 Mbps	-	-	2	6	2

English Department:

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	54	1	-	-	-	-	-	-
Added	6	-	-	-	-	-	-	-
Total	60	-	-	-	-	-	-	-

Commerce Department:

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	72	62	72	NIL	01	3	5	2
Added	72	1	72 (Upgraded)	NIL	NIL	-	-	-
Total	72	63	72	NIL	01	3	5	2

Viscom Department:

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	93	2	Yes	-	-	-	Viscom	-
Added	50	1	Yes	-	-	-	Viscom	-
Total	143	3	Yes	-	-	-	Viscom	-

Configuration of Upgraded PCs in Computer Laboratory – IM :

- Zenith Eco PC, i3 / 2.39GHz / 4 GB DDR3 RAM / 320 HDD / 18.5” Display Monitor
- Internet Bandwidth is also increased to 35 Mbps 1:1 leased line.

4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

Internet access FiberLL 2013 speed is 35840 kbps.

S-Net Clarity Video Software

Adobe,CS3, Open Office

4.6 Amount spent on maintenance in lakhs :

i) ICT	-
ii) Campus Infrastructure and facilities	30,73,903
iii) Equipments	2,72,46,143
iv) Others	66,75,106
Total :	3,69,95,152

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

Enhancing quality Syllabus formation, conducting systematic examination, Internal and external examination assessment, Results follow – up, Mentoring and Placement guidance and opportunities for the students. Tete - a – tete a forum is created where students are given an opportunity to interact with eminent personalities from various companies. Ted X – an independent event was created in the community and by the community to spread their experiential learning.

Students committee is formed to organize various events and Industrial visits. They voice their expression with News letter - Foot Prints.

The IQAC cell helps the students on regular attendance system, feedback system, remedial classes and good placement services.

5.2 Efforts made by the institution for tracking the progression

The Institution supports to Finance, Library, Hostel, Transportation, Career Guidance & Counselling, NSS, NCC, YRC, Sports & Games, Placement, Soft Skill, Internship, Medical facilities and Students Insurance.

The Office of the Principal, Directors and Heads are periodically reviewing the progress of the students through the tutors and subject handling faculties

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
2432	575	16	65 (M.Phil)

(b) No. of students outside the state

162

(c) No. of international students

11

No	%
8	73

Men

No	%
3	27

Women

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
1992	75	2	134	-	2203	2649	92	1	265	-	3007

Dropout : 3%

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

- The students are regularly preparing for UGC NET/SLET exams, Banking exams and NCAT exams with the help of faculty members
- Coaching for CA exams.

No. of students beneficiaries

250

5.5 No. of students qualified in these examinations

NET	Nil	SET/SLET	Nil	GATE	Nil	CAT	Nil
IAS/IPS etc	Nil	State PSC	Nil	UPSC	Nil	Others	58

5.6 Details of student counselling and career guidance

The class tutor and the faculty members identify the students who require counselling and are counselled regarding the students academic problems, personal problems, poor performance in the examination. The assessment through seminars, projects and assignments done by faculty members.

Students with low attendance percent are given counselling regarding the minimum required attendance for the eligibility to appear for Term End Examinations. The number of students benefited through this counselling is 31.

Eminent Experts of National and International repute interact with the students and share their knowledge and experience to enrich the students corporate exposure throughout the year

Bridging the Gap: Alumini Entrepreneurship Roadshow powered by Pechakucha was really wonderful and informative for the students as how to become an Entrepreneur and the characteristics which should develop to become an entrepreneur. Pitch – Fest is a platform which is provided to the students to pitch their Business ideas which were evaluated by leading entrepreneurs in Coimbatore who were representing the entrepreneurial organization (EO)

The department has an MOU with career stroke which is a company floated by the former Indian Cricket player Kris Srikanth. It is a unique web portal which is created as an innovative programme that uses the language of sports to motivate and inspire people for achieving success in life. It is a compulsory module for the students as a part of their communication skill course

Every Year SCIB Bazar takes place in the month of March in our campus. Students learn to formulate Business plan, Resource allocation, Pricing strategy, Entrepreneurial Skills, Promotion of brands and utilization of profits. Students are taken for Institutional training to places like Kirthilal Diamonds, TNPL and ICD Irugur and National Institutional Training to Mumbai. Special Internship training was given to MIB students in UK and students have successfully completed the Internship training certificate course from UK.

Students are also taken to Boot Camp every year .It is a learning spot and provides guidance regarding how to adapt to situations and changes, adjust with co – workers, team work, appreciating one another, leadership qualities and enjoy what we do.

Every year we organize the Corporate Theatre to enhance the skills of leadership and team building. Y PLUS an Art of Living Workshop was also organized.

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5.7 Details of campus placement

Course	<i>On campus</i>			<i>Off Campus</i>
	Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
MBA	22	48	33	11
UG Management	3	18	4	1
Biotech	2	20	-	-
Computer Science	4	120	57	25
Commerce	11	390	47	50
Viscom	8	40	8	5
English				1

5.8 Details of gender sensitization programmes

NIL

5.9 Students Activities

5.9.1 No. of students participated in Sports, Games and other events

State/ University level National level International level

5.9.2. No. of students participated in cultural events

State/ University level National level International level

5.9.3 No. of medals /awards won by students in Sports, Games and other events

Sports : State/ University level National level International level

Cultural: State/ University level National level International level

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	-	
Financial support from government	-	10000(per head)
Financial support from other sources	6-(shanthi gears-3,vijayalashmi trust-3)	-
Number of students who received International/ National recognitions	-	-

5.11 Student organised / initiatives

Fairs : State/ University level National level International level
Exhibition: State/ University level National level International level

5.12 No. of social initiatives undertaken by the students

5.13 Major grievances of students (if any) redressed: **NIL**

Criterion – VI

6.1 Governance, Leadership and Management

Dr G R Damodaran College of Science shall strive for achievement of Excellence and Relevance through:

- Maintenance of a progressive and futuristic outlook in development by making choices favouring emerging areas of high growth potential and expanding opportunity.
- Design courses, instructional methodologies and facilitate experiential learning to equip students with creativity and problem solving skills, to prepare them for rewarding careers and professions and to face challenges in a rapidly changing world;
- Creation of facilities and programmes of advanced studies, research and development in appropriate emerging areas of national importance and global significance;
- Involvement with the community around through outreach programmes including non-formal and continuing education, consultancy and extension, dissemination and transfer of technology, scientific projects of social significance, and other interactions with industry, business and other groups. Continual growth in the quality and range of offerings and activities through the innovative augmentation, updating and modernisation of facilities, faculty and programme

6.2 Does the Institution has a management Information System

Yes. The Institution has Management Information system. This is applied to all administrative works, admission, maintaining of student records, Research aspects of individual departments, scheduling of events and activities etc. The usage is found to be effective in

- Maintenance of records related to university/college/government.
- Displaying details of students / circulars in the college notice board.
- Students records are maintained in conventional files.
- Research monitoring cell has been setup
- Regular meetings between the faculty and staff are convened to seek comments/suggestions for improvement.
- Regular management body meeting are held for monitoring the smooth functioning of the institution.
- Installation of CCTV, P.A. System and secured Wifi connection in all the blocks.

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

The major goal of the College is student development for competence and productive careers in a changing and competitive world. The aims, orientations, the College's quest for excellence and innovation are widely known outside through numerous press releases, news items on conferences, events, VIP visits etc, brochures, profiles, magazines, publications, student festivals, word of mouth of parents, alumni, visitors and students. The College has earned quite a reputation for excellence and student friendliness.

The advent of autonomy has enabled the College to open up various possibilities at curricular front, and make large number of productive thrusts towards purposeful and effective education. The Academic Council, Boards of studies, faculty and management keep tab on the pulse of student preferences. They observe changing trends, emerging needs possible opportunities, collect various feedbacks and get expert advice so as to discuss and take appropriate curricular and related actions.

Change in syllabus (Annual revision) * Annexure-II

UG – 6 new papers introduced

PG – 1 new paper introduced

New Diploma programme on PG Diploma in Robotics

New Elective in this PG IN ENTREPRENEURSHIP DEVELOPMENT

Latest updates in the syllabi, introduction of new elective papers and design and Initiatives towards a new course on- PG Diploma in Robotics

In all the study programmes elective options have been included to provide choice to the students in terms of specialisation, interest, or orientation. Most of the programmes are in modern areas of occupational or emerging significance and are interdisciplinary (Bioinformatics for instance) or multidisciplinary (MBA, Visual Communication, International Business, Social Work) The curriculum in all courses has been extensively revised/redesigned twice or thrice in the last 5 years to achieve i) content updatment and inclusion of new subjects / electives in tune with knowledge and technology development, and the emerging global context ii) more practical/problem solving/application orientation iii) promotion of self – learning, and skill development. Projects (mini and major), Internship/Industrial Training, or Field work, and Term papers occupy a significant place. 16 add-on three-stage career-oriented courses are offered to the UG students and 3 or 4 at advanced (PG) diploma level. Some space has been allotted in the UG courses for General studies. In all UG and several PG courses, Professional Communication/Communicative skills are part of the curriculum.

Experiential learning, problem solving, professional and practical skills, communication skills, computer conversance, career orientation, general awareness, and women issues (where appropriate,) receive stress also in learning and teaching strategies and evaluation. The semester system and the considerable scope for continuous assessment enable the pursuit of the wider aims and the effective use of new curricular components and strategies of learning. Curriculum review and development is sought to be made a continuous activity throughout the year - through informal and frequent faculty and board meetings.

6.3.2 Teaching and Learning

The College has an academic Calendar to plan working days, the day order sequence, periods of mid term test, model examination, Term End Examinations, Vacations, holidays etc. This calendar is made at the end of the year for the coming year at a meeting of the Heads of the Departments. Side by side, broad plans are also made about association meetings, seminars, conferences, and guest lectures to be organized by each department. Dates for stock verification, commencement of classes for and orientation of the new entrants, are all fixed. The schedule for ISO internal auditing is also planned.

Learning is made student-centric by providing open ended practicals, mini and major projects, problem solving tutorials, term papers, field work assignments, case studies, management games, window displays, exhibits, production of video documentaries, internship etc. Methods appropriate to the subject and the department are used.

Laptops are used in management classes. Wifi connectivity is provided for internet access. In most of the subjects LCD presentations and OHP are used to aid the teaching appropriately, Video CDs, DVDs are used in certain topics. Computer aided learning is used in the language laboratory. The Management library subscribes to the EBSCO journal reference facility.

Case studies, term papers, mini projects, outstation seminars, in house workshop (tutorial), problem solving, quiz, discussion, computer assisted sessions, online demonstration, virtual cell (using animated presentations) internet display, in-vitro learning session, computer aided learning, self learning – mini papers and reports.

The assessment will comprise continuous sessional assessment in the subjects of study and other curricular components as well as terminal examinations carrying credit as shown in the curricular scheme in *section 9* below. The students will be assessed for 75 marks under the head Term End Examination (TEE) and 25 marks under Continuous Assessment (CA) in theory subjects. The assessment of TEE will comprise Part I and Part II assessed for 15 and 60 marks respectively. The Part I will comprise the evaluation by the internal staff member (the respective staff who handles the subject) in the mid term, model examination and the test on Career and life skills and the Part II will be the semester examination marks assessed by the external examiner. The total marks scored in Part I (out of 15) and Part II (out of 60) for a total of 75 will be the TEE in the subjects concerned.

The break-up and modes of assessment for continuous assessment, the pattern of question papers for term end examination (TEE) and the method of terminal assessment in case of curricular components other than conventional subjects of study, shall be framed by the Standing Committee of the Academic Council, and informed in advance to the students. The college Website is posted with information on the scheme of Term End Examinations and other connected regulations.

For the Term-end-examinations of the UG courses, Central Valuation with mostly external examiners is adopted. For PG Courses – Central Valuation is done and Double evaluation with two examiners – one external and the other internal, is adopted. There is a provision for revaluation and supply of Photostat copy of the Answer Script for UG students who apply for the same.

PG –Double valuation

UG – Single valuation

Continuous assessment element – (midterm, model, MCQ ,seminar ,assignment, class notes,term paper,attendance.)

6.3.4 Research and Development

GRD teachers have from the beginning been associated with the relevant research aspects of the projects undertaken by the GRD Centre for Research in Social Sciences, Technology and Culture, which is a premier NGO institution of research and action-oriented community development projects, under the GRD Trust. Independently the College has started seeking research grants from DST, DBT, UGC, ICMR and other sponsors. Ph.D. & M.Phil. programmes have been instituted in all the departments. A Research, Development and Consultancy committee has been constituted to review, coordinate and promote research. Deserving teachers are given all encouragement including paid leave to pursue research programmes. Suitable rewards are given for the acquisition of Ph.D. and M.Phil. qualifications. Lab facilities and research facilities such as internet access and library additions and support for visits to advanced institutions and for attending conferences and seminars are all liberally provided.

6.3.5 Library, ICT and physical infrastructure / instrumentation

The College is extra-ordinarily well endowed with modern well equipped buildings, hostels, play areas, canteen, well stocked and upto date library, auditorium, conference halls, staff rooms and indoor stadium as well as well equipped laboratories and computer centres, with sophisticated instruments and systems. Excellent provisions have been made for water supply, and stand by electric power (covering the total power requirement). There is a fleet of transport vehicles. Liberal provisions are made for continual addition to the libraries, ICT facilities, continuous modernization of laboratories and upkeep of the campus. Coordinated planning by the Departments, longer working hours, optimal scheduling and time tabling help in the maximum utilization of facilities. The library and computer centre are open for longer hours and on Saturdays and Sundays as well.

Library :

Library Management Software has been installed. The open access system is followed, with computerized, online public access catalogue referencing facility. Lighting, rack arrangements and sizes, and positioning of reading tables and chairs facilitate ease of access and working. The usual library rules and procedures are followed (library tickets, due dates of returns, fines etc.) and borrowing and return entries are computerized. Entry and exit control ensures that no personal materials are brought in and no unauthorized material goes out. The windows of the library have wire meshes. Barcoding has been done.

ICT as a Learning Resource

The College encourages more and more use of ICT resources by students and faculty. The internet's on-line databases, lectures and tutorials, Youtube resources and e-journals and online books and journals, and other vast information stores and downloadable books and software accessible through search are increasingly used for learning, information and data collection, research, term paper presentation, seminar preparation etc. Teaching is enhanced and facilitated by multimedia presentations on LCD and via laptops of students. The language laboratory is an example of technology aided learning being used at the College.

6.3.6 Human Resource Management

Manpower planning is done using the usual norms of teaching workload and the specialization requirements for teaching the subjects making allowance for the special activities and programmes and research and other commitments of the faculty which may differ between departments. There is no rigidity about the staff pattern and numbers. Arising needs are provided for as and when they arise. Being a self financing institution we do not have the problem of getting posts sanctioned, or going through elaborate selection procedures etc. The Heads of the Departments assess the needs and make out the case for faculty provision. The annual major recruitment is done by advertising and interviews by properly formed selection committees. For vacancies arising now and again during the year, selection is made through interviews of applicants called from the standing file of applicants. These latter interviews are by the College staff selection committee, except in the case of MBA and MCA, where AICTE rules are followed. Selections are purely by merit, academic record and interview performance. Doctorate qualification and industrial/professional experience are given preference.

Any shortfall or deficiency of inefficiency in the work of non-teaching staff becomes quickly apparent as they work as small groups, each under a supervisor who reports to the Principal and also because most of them come into close contact with students and faculty. We have not felt the need to maintain any elaborate appraisal system. The non-teaching staff are frequently advised and impressed upon to take up higher education and specialized programmes for new skills through distance and non formal courses. The response has been very gratifying.

The College evaluates teachers on teaching and research performance as well as on other contributions and achievements by a year-end performance self-appraisal to which Heads of the Departments add their comments. It helps teachers self assess themselves on many aspects, become aware of where they can improve and take or seek remedial help, and it motivates them to set goals for themselves. The HOD/ Principal also make suggestions for improvement (say tuning up English competency or upgradation / research participation or for enhancing all-round contribution).

6.3.7 Faculty and Staff recruitment

The details of faculty and staff recruitment is briefed above and the Teaching and Non teaching ratio is: 1:6 (Teaching : 163 ; Non-teaching : 103)

A public Call for Interview is announced in dailies when there are staff requirements. Once the applications received, they are scrutinized, conducted interviews by the Interview Panel.

6.3.8 Industry Interaction / Collaboration

A number of MoU's have been entered into with advanced institutions / industries / businesses for collaboration in the advancement of knowledge, application and training. Major ones include: Collaboration with Revert Technologies for Robotics Course and Finland Labs Pvt. Ltd for Android Course.

S.No.	Name of Institution / industry / businesses	Nature of linkage
1	ICICI Bank, Mumbai	Training
2	Roots Industries, Coimbatore	Industry – Institution
3	Jagannath Textiles Company Ltd., Coimbatore	Industry – Institution
4	HCL Info systems Ltd.,	Projects – consultancy

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5	Shanthi Gears Ltd., Coimbatore	Management Projects
6	Institute of Computational Biology, Bangalore	Projects – visits, Joint Research
7	Centre for Research in Assisted Reproduction and Foetal Therapy, Thrissur, Kerala.	Research Collaboration
8	UDIS Forum, Coimbatore	
9	Krishna Assisted Reproduction and Endoscopy Centre, Thrissur, Kerala.	Research Collaboration
10	Kalaikathir Achchagam, Coimbatore.	Student Training
11	Indira Gandhi National Open University, New Delhi	Contact, Outreach Programme
12	G Kuppusamy Naidu Memorial Hospital, Coimbatore	Clinical Testing, Training
13	National Botanical Research Institute, Lucknow.	Research
14	The Relief Foundation, Chennai	Social Work
15	The Arya Vaidya Pharmacy, Coimbatore	Herbal Medium related research and Training
16	Coimbatore Cancer Foundation	Social Work and Community Service
17	Tamilnadu Agricultural University	Biosciences Research and Student projects

Collaboration for projects has been established with Amala Research Centre, Thrissur, Anna University, Pasteur Institute, Coonoor, Rajiv Gandhi Centre for BT, Thiruvananthapuram, Tamilnadu Agricultural University etc. by the Biotechnology department. In the Bioinformatics department collaboration for student (MSc) projects exists with a large number of major institutions including NCL Pune, CDRI, Lucknow, Institute of .Bioinformatics and Applied, Biotechnology, Bangalore, NIMHANS Bangalore, Jawaharlal Nehru University, New Delhi, Aravinda Biosolutions, Hyderabad, CPCRI – Kasaragod, IBX solutions, Bangalore; IBI Solutions, Chandigarh; Do EACC Centre-Imphal, Ramachandra Medical College, Chennai; Helix Infosystem, Chennai, Amrita Institute of Medical Science, Cochin, Biotechnology Info Bytes Technologies – Bangalore, Institute of Forest Genetics and Tree Breeding, Coimbatore; Sai's Bio SciencResearch Institute, Chennai, Indian Institute of Spices Research, Calicut, Biosolutions, Secunderabad, Amala Cancer Research Institute, Thrissur, IISc, Bangalore, Institute of Genomics and integrated biology, New Delhi and Jalaja Technologies, Bangalore. Likewise the other departments take up collaborative research projects either as departmental projects or through PG projects e-g. Aravind Eye Hospital is working with the Microbiology Department for the definition and quick diagnosis of certain infections by modern Biotech methods, and Roots Industries Ltd. with the Management Department for problem solutions/studies through MBA projects.

Commerce Department:

A number of MoU's have been entered into with advanced institutions / industries / businesses for collaboration in the advancement of knowledge, application and training. Major ones include:

S.No.	Name of Institution / industry / businesses	Nature of linkage
1	ICICI Bank, Mumbai	Training
2	Indira Gandhi National Open University, New Delhi	Contact, Outreach Programme
3	Career Strokes – Chennai	Student Training
4	ICSI – (Institute of Company Secretaries of India), Coimbatore Chapter	Student Training

6.3.9 Admission of Students

The College gives due publicity to its program and facilities through its comprehensive prospectus for PG & UG Courses and its annual pre-admission advertisements, one for the College as a whole and one separately for the MBA and MCA Programmes. A general information folder is also made available for wide circulation. The College website www.grd.org has been created and has been functioning for the last 4 years. With respect to the MBA/MCA programs and admissions there to mandatory information as required by the AICTE is being provided in the website.

Admission to the MBA/MCA programmes are covered by the AICTE guidelines and here is also a State Quota filled up through State Government entrance test. For the College's own Quota the test scores in MAT, as well as the UG academic record are considered along with performance in an interview and a peer group discussion. In other courses, admissions are made by merit as shown by the marks in the qualifying exam and motivation and potential as judged at the interview. If the number of applicants is too large, as for MSc (Biotechnology), an entrance test may also be conducted by the College. Selections and admissions are made by the senior faculty without too much formality.

6.4 Welfare schemes for

Teaching	PF, Maternity leave, Medical leave, Medical Insurance
Non teaching	Mediclaime Policy, Medical Leave
Students	Accidental Policy, Scholarship

6.5 Total corpus fund

-

6.6 Whether annual financial audit has been done

Yes

No

6.7 Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	TUV Rheinland India (P)Ltd	Yes	MR of the College
Administrative	Yes	TUV Rheinland India (P)Ltd	Yes	MR of the College

Computer Science:

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	ISO – TUV certified	Yes	MR
Administrative	Yes	ISO – TUV certified	Yes	MR

Commerce Department:

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	TUV Rheinland India (P)Ltd	Yes	MR of the College
Administrative	Yes	TUV Rheinland India (P)Ltd	Yes	MR of the College

6.8 Does the University/ Autonomous College declares results within 30 days?

For UG Programmes Yes No

For PG Programmes Yes No

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

The departments have been given freedom to consider certain subjects as practice oriented subjects and adopt a pattern of 50 marks under continuous assessment for them with suitable break up and also devise a suitable mode of term end examinations. There is a move to make senior faculty of the College to be the examiners for the subjects taught by them in the UG Term end Examinations. For new interdisciplinary / emerging subjects introduced in the curriculum in which text books are scarce, or examiners familiar with the subjects are not available, the faculty teaching the subject will himself / herself be the examiner. The feasibility of introducing open book – examination is being examined in respect of one or two subjects in each course. We are in the process of creating question banks for subjects in which the total assessment can be of the objective type.

A facility for conducting a special supplementary examination in June for the failed students of final semester only, has been implemented from 2006 so that students may not lose a semester or a year. We are also examining the possibility of extending this facility to the failed candidates of all semesters, so that the students are not burdened with the carried over arrears in the subsequent semester.

It was suggested that the department to include more activities and practical training in the initial two years to help the students understand what each area of specialisation would provide for them, and if they have the aptitude for it. They also requested the juniors to take their internships more seriously, and intern at least two places before graduating. It really helps a lot.

Online MCQ examinations are standardized and security measures are enhanced

Examination committee meets every semester to discuss the system, incorporate change on timely basis.

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

The Bharathiar University appoints a nominee in the academic council of the college and Board of Studies of all the departments to ensure strict adherence to the UGC guidelines. By this the university ensures proper procedure is followed in curriculum development and its implementation in line with the latest changes in the educational and business environment. The University is having its nominee in the Result passing board of the college to maintain the requisite quality and standard.

6.11 Activities and support from the Alumni Association

- Alumni meet are conducted every year by the individual departments.
- Alumni are included as a member in Board of Studies (BOS) in each department.
- Arranging for guest lectures and placements are also carried out through alumni.

6.12 Activities and support from the Parent – Teacher Association

The Institution believes in a strong interaction between teachers and the parents. At least once a year, a formal parent-teacher's meeting is held. Besides this, at various formal and informal levels, the teachers are in contact with the parents. For students having irregularities in attendance, the teachers get in touch with the parents. The parents of those students who are likely to go into the defaulter's list, are informed in advance by personal meeting and their wards are given a chance to improve, so that their terms can be granted. For any misbehaviour / misconduct, the Principal meets the guardian / parent before taking any strict disciplinary measures. This helps to maintain a discipline, with the humane approach that is required. There is also a Parents Teachers Association set up to receive feedback from the parents and to involve them in the growth of the College.

Parents teachers meeting was conducted on 22nd Feb. for IInd B.sc visual communication and 24th and 25th for Ist B.sc visual communication. Class room performance, internal marks, attendance percentage of the students was explained to their parents.

6.13 Development programmes for support staff

- Arranged a workshop on “File Updation and maintenance ” for non teaching staff
- Arranged field trip to enhance healthy work atmosphere and to strengthen interpersonal relations
- Arranged sports events
- Orientation Programmes were conducted for the supporting staff of all the departments regarding EduManage software.
- Arranged a workshop on “File Updation and maintenance ” for non teaching staff
- Arranged field trip to enhance healthy work atmosphere and to strengthen Interpersonal relations

6.14 Initiatives taken by the institution to make the campus eco-friendly

Tree plantation is actively carried out across the college campus to keep the eco – friendly atmosphere .A special initiative has been taken to have the majority of the internal communications across different departments through intranet. There is strict monitoring in terms of using printers and copiers which reduces consumption of paper there by contributing to save the trees and the environment.

Geo Green Computing is formed and actively participated in the Eco-friendly activities of the Campus. The activities include:

1. World Sparrow Day
2. World Zero-Emission Day
3. World Water Day
4. Model Contest and Technical Exhibition

Criterion – VII

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

MBA - A new initiative to organize or conduct intra department management meet to elicit the managerial and creative capabilities of MBA students. Organized specialization focused Quiz contest to drive indepth awareness and knowledge of the students.

- GS and EVS descriptive exam was changed to objective type exam
- MCQ questions are reduced from 250 to 150 to improve the quality and increase chance to score high marks.
- Bio Tech –New subjects introduced

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

- Ice-breaking Sessions are conducted for first year students.
- Career assistance programs are organized for PG students.
- The department is prepared a question bank which contain questions based on Arithmetical Aptitude, Verbal Reasoning, and Non Verbal Reasoning.
- Alumni registration will be done through a special link in our college website.
- The technical talks are conducted towards recent trends in Information Technology as Animation, Open Source, Software Testing, Networks, and Current Trends.
- International Conference on “International Conference on Advances in Information Technology & Networking (ICATN '14) “ was organized in the month of January 2014. Orientation Sessions on Research to motivate the students for paper presentation and Journal Publication.
- Orientation Session on Writing a Research Paper is organized a Local industrial trip to R&D Departments in a Corporate.
- Research Proposals for various funding agencies in motivation of staffs in their research areas is promoted.
- Conducted a social-cause workshop on Mathematical Tips to the School students exclusively those who appear for the public examinations.
- Arranged Social Visits to Orphanages, Homes and other Help Centers around the city with contributions. IIT Roorkee, Robofeast Competition.(**RoboFeast** is National Robotics Championship with Robotics workshop series jointly being organized by **iFest, IIT Roorkee** and **Revert Technology Pvt.Ltd.**)
- NCAT Examination by IIT, Dellhi UG & PG students. (The NCAT is designed to sensitize the students to the domain of creative thinking and motivate them to read, learn and practice the same)

- IIT Roorkee (Android Programme) workshop.(**AppsFluxus-2014** is National Android Championship with Android Development Workshop series jointly being organized by **iFest, IIT Roorkee and Finland Labs**)
- 13 seminars, 1 exhibition, 2 industrial visits and 1 trekking

7.3 Give two Best Practices of the institution

Quality Global Exposure and Joy of Giving

- Timely updating of syllabus with importance given to hands on experience to meet industry standards.
- Workshops on technical (Skill based) aspects are organized with experts from Industry and the Respective field as resource persons.

7.4 Contribution to environmental awareness / protection

Encouraging Students to write slogans on Tree Plantation and Plastic free zone in the areas like CODISSIA and SITRA.

7.5 Whether environmental audit was conducted?

Yes

No

7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

Nil

8. Plans of institution for next year

- Propose to introduce PG Diploma in Entrepreneurship and Over Seas Visit
- Applying for minor and major research projects from UGC and funding agencies.
- Enrolling students for relevant career oriented programmes.
- Linking the curriculum with practice through experts.
- Developing tie-ups with industry associations.
- Live projects in rural marketing.
- Encouraging entrepreneurial Projects.
- Increasing the quality of Global exposure by bringing in prominent personalities belonging to business and academia from different countries and continents
- Efforts are on to have a tie up with UK based Universities to have students and faculty exchange programmes.
- Initiating tie ups with corporate for specialization focused enrichment
- Incorporating more online based reality inputs relevant to the curriculum.
- Planning to introduce International Industrial Visits
- Introduce various short-term programmes on the Industry based needs
- Compete with the technology and emerge as a centre of excellence in computer science.
- Establishing a full fledged research oriented higher studies.
- Construction of an exclusive communication block.
- Creating a state-of-the-art indoor studio (Photography and Videography) with all the required facilities.
- To increase the quality of Global exposure by bringing in prominent personalities of business and academia from different countries and continents.
- Proposed to introduce a new course B.Com (Professional Accounting).
- Proposed to incorporate more online based reality inputs relevant to the curriculum.
- To strengthen the research activities in the department and to apply for centre of Excellence.
- Faculty and students to be motivated to publish their research finding in the SCI journals.
- Addition of more equipments for analytical experiments.

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- Applying for extension and research projects from the Government funding agencies.
- Participation in the consultancy services.
- Build awareness to become an entrepreneur in the field of Biotechnology.
- Introducing Research programmes - M.Phil. & Ph.D.
- UGC minor and major projects
- Online courses

Name _____

Name _____

Signature of the Coordinator, IQAC
son, IQAC

Signature of the Chairper-

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Abbreviations:

CAS	-	Career Advanced Scheme
CAT	-	Common Admission Test
CBCS	-	Choice Based Credit System
CE	-	Centre for Excellence
COP	-	Career Oriented Programme
CPE	-	College with Potential for Excellence
DPE	-	Department with Potential for Excellence
GATE	-	Graduate Aptitude Test
NET	-	National Eligibility Test
PEI	-	Physical Education Institution
SAP	-	Special Assistance Programme
SF	-	Self Financing
SLET	-	State Level Eligibility Test
TEI	-	Teacher Education Institution
UPE	-	University with Potential Excellence
UPSC	-	Union Public Service Commission
