ANNUAL QUALITY ASSURANCE REPORT(AQAR) OF THE IQAC
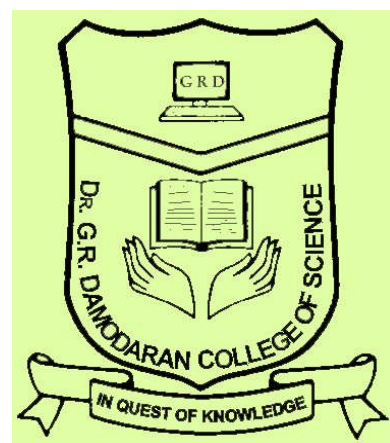
2014-2015

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: 2014 – 2015

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

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/IQAC 2014-2015.pdf

1.5 Accreditation Details:

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

1.6 Date of Establishment of IQAC :   06/04/2006

1.7 AQAR for the year (*for example 2010-11*)**:**   2014-2015

1.8 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC (*(for example AQAR 2010-11submitted to NAAC on 12-10-2011)*

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)
v. AQAR **2013-2014** (04/07/2016)

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 ✔

Others (Specify)

1.11 Name of the Affiliating University *(for the Colleges)* | BHARATHIAR UNIVERSITY |

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 | Any other *(Specify)* | |

UGC-COP Programmes | Yes |

2. IQAC Composition and Activities

2.1 No. of Teachers | 9 |

2.2 No. of Administrative/Technical staff | 2 |

2.3 No. of students | 20 |

2.4 No. of Management representatives | 1 |

2.5 No. of Alumni | 7 |

2. 6 No. of any other stakeholder and community representatives | 1 |

2.7 No. of Employers/ Industrialists | 1 |

2.8 No. of other External Experts | 5 |

2.9 Total No. of members | 46 |

2.10 No. of IQAC meetings held | 2 |

2.11 No. of meetings with various stakeholders: No. | 1 | Faculty | - |

Non-Teaching Staff Students | 1 | Alumni | 1 | Others | ✓ |

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

If yes, mention the amount | - |

2.13 Seminars and Conferences (only quality related)

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

Total Nos. | 3 | International | 1 | National | 1 | State | - | Institution Level | ✓ |

(ii) Themes

1. Health is Wealth
2. Lively Teaching
3. Management in new era

2.14 Significant Activities and contributions made by IQAC \\

- Conducting National and International Conferences targeting on specific areas of Interest.

- Updating the curriculum.

- Strengthening the Career Guidance and placement cell.

- Sensitising students to ecological and environmental issues.

- Motivate and create opportunities for students to engage in community services.

- Organising Faculty Development Programmes & Management Development Programmes.

- Encouraging the faculty members and Research Scholars 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
• Introducing new courses	PG Diploma in Entrepreneurship Development (Part time) PG Diploma in Robotics (Part time)
• Organising workshop in the area of Research	• Conducted a workshop on Research Analysis Using SPSS & AMOS on 13.02.2014 & 14.02.2014 Resource Person: Dr. Reeves Wesely, Professor, VIT, Chennai • Conducted a workshop on "Research Analysis using SPSS" on 11.08.2014 Resource Person: Dr.Kirupa Priyadarsini.M, Associate Professor, KCT Business School. • Organized a guest lecture on "Business data analytics" on 12.08.2014. Resource Person: Mr. B.Venkataraman, Saudi America Bank, Samba Financial Group, Saudi Arabia. • Organized a one day seminar on "Web Designing Techniques" on 27.08.2014 Resource Person: Ms. A.Panimalar, Technical Lead for Web Development, Knipper HealthCare, New Jersey, USA. • Organized a guest lecture on "Graphics and Web Designing" on 04.09.2014. Resource Person: Mr.S.Thiyagarajan, Operations Head, Image - Institute of Multimedia Arts & Graphic Effects, Coimbatore

	• Organized a One day seminar on "Android Apps", on 29.10.2014 Resource Person: Mr. B. Saravanakumar, NIIT, Peelamedu, Coimbatore.
	• Organized a one day lecture on "WEKA –A data mining tool" on 20.10.2014. Resource Person: Dr. N. Karthikeyani Visalakshi, Department of Computer Applications, Kongu Engineering College, Perundurai.
	• Organized an invited talk on "Software technologies" on 22.11.2014. Resource Person: Mr. Asaithambi Vajaravelu, UI/UX designer, Vimida M Das, Story teller , Prob Gyan, Typography expert
	• Organized an invited talk on "Android Apps Development" on 03.01.2015 Resource Person: Mr.Vimal Jose, Manager, GDG
	• Organized a guest lecture on "Web designing and 3D animation " on 28.01.2014 Resource Person: Ms. Sapna Agarwal, Branch Head, Apex Institute of Multimedia, Coimbatore.
	• A special lecture programme on "Human-Computer Interaction" on 07.11.2014. Resource Person: Dr. David Christoper Cobham, University of Lincoln, UK.
	• Organized a Invited Talk on "Pattern Mining from social media" on 06.08.2014. Resource Person: Dr.Takako Hashimoto, Associate Professor, Chiba University, Japan. Coordinator, IEEE Women in Engineering, Chair, IEEE Japan Council Women in Engineering.

- Organized an invited talk on "Opportunities in HULT" on
  06.01.2015
  Ms. Babita, Manager, South Asia, HULT Business School, USA.

- Organized a guest lecture on "Data mining research" on 09.01.2015.
  Resource Person:
  Guest: Prof. Saravanan Venkataraman, Department of Computer Science, Majmaah University, Kingdom of Saudi Arabia.

- Organized a guest lecture on "Interpersonal Communications" on 23.07.2014
  Dr. Z.N.Patil, EFL University, Hyderabad and Dr. Roy P.Veettil, Sohar University, Muscat.

- Conducted One day Seminar on "Motivation – A Line" on 30.06.2014
Resource Person:
Thiru. N.C. Nandagopalan
Secretary, PSGCAS,
Coimbatore.
- Conducted One day Seminar on "Scope of IT in Indian Army" on 10.07.2014

  Resource Person:
  Capt. Vinay Patric
  93 Field Regiment
  Indian Army

- Conducted a one day seminar on "Higher Education" on 13.08.2014.

  Resource Person:

  Swarnalatha Ashok, Ariel Lee, Institute of System Science, National University of Singapore.

- Organizing a series of programme on "Mathematics Made Easy" on 12.01.2015 for school children.

  Resource Person:
    Mr.Centum Suresh
    Managing Trustee
    Vidya vikas institutions
- Conducted a one day seminar on " Higher Education – A Glance " on 22.01.2015.

  Resource Person:
  Mrs. Nagalakshmi, Director- Academics, Career Zone, Coimbatore.

- Conducted a guest lecture on "Civic challenges in Technology" on 31.01.2015.

  Resource Person:

  Mr. Sandeep Agarwal, Senior Vice President, Happiest Minds Technologies Pvt Ltd, Bangalore

- Conducted a one day seminar on " Perspective opportunities in Higher Education" on 13.02.2015.

  Resource Person:

  K. Sasidharan Nambiar, Director, IMTP Consultancies Serviers (Chennai) Pvt. Ltd.

- Organized a one day guest lecture on "UPSC(IAS)/TNPSC an analysis" on 17.02.2015.

  Resource Person:

  Mr. A. Saravanakumaran, Director, Radian IAS Academy.

	• Organized a one day seminar on " Job Portals – An overview" on 16.03.2015. Resource Person: Mr.Arun Director, Firstjobs.com • Organized a One day Workshop on "Career • Opportunities" on 17.10.2014. Resource People: Mrs. Sudha Sudeep, Holland House, Bangalore. Prof. Anto, Director - Academics Relations, cbe.
• Research based conferences & Seminars	• Conducted One day National Conference on "Managing Global Competitiveness through Managerial Excellence" on 06.10.2010 • Conducted One day National Conference on "Management In New Era- Issues and Challenges" on 14.02.2013 Organised International Conference on Advances in Information Technology • Organised International Conference on Advances in Information Technology and Networking on 20.02.2015 • Conducted a seminar on "Current Trends in NanoTechnology" on 16.06.2014 • 16.06.2014 Resource People: Dr. R. Balachandran, Faculty of Engineering, Multimedia University, Malaysia.

	Dr. K.S. Subramanian, Department of Nano Science & Technology, Tamilnadu Agricultural University, Coimbatore.
	
	• Conducted a Seminar on "Next Generation Mobile Apps" on 19.06.2014
	
	Resource Person: Dr. Anand Bhojan, School of Computing,National university of Singapore
	
	• Organized a seminar on "ERP trends in IT Sector" on 04.07.2014.
	Resource Person:
	    Mr. K.Rajesh
	    Director & CEO,
	    Conquer Infotech India Pvt Ltd, Coimbatore.
	
	• Organized a guest lecture on "Current Networking Trends" on 15.07.2014.
	Resource Person:
	    Ms. Vaishnavi.R
	    Solution Consultant
	    CISCO Systems
	    London
	
	• Organized a lecture on "Age of Electronic Warfare – Trends and Defects" on 18.07.2014.
	Resource Person:
	Shri Lokesha B. N., Scientist, Defence Avionics Research Establishment, DRDO, Ministry of Defence
	
	• Organized a lecture on " Current Expectations in IT sector" on 23.07.2014.
	Resource Person:
	Mr. S.Venkatesan, Easy Design Systems Pvt. Ltd., 88, Maheswari Nagar, II Cross, Coimbatore- 641004
	
	• Organized a lecture on "Recent Trends in IT" on 20.08.2014.
	Resource Person:
	Mr. Mayank Gupta, HR of the South Indian Region, Dell International Services Ltd.

	• A Programme from IIT Bombay Online Tutorial session on "Workshop on C and C++" on 01.08.2014 in Open Source Lab • Organized an invited talk on "Research problems in Image and video computing" on 24.12.2014. Resource Person: Dr. P.Nagabhushan,Professor, Department of Computer Science, University of Mysore. • Organized a Research Discussion on 13.08.2014. Resource Person: Dr. M.Hanumanthappa, Professor & IT Head, Department of Computer Science, Bangalore University, Bangalore - 56. Organized a guest lecture on "Key aggregation in Cloud application using Web Services" on 29.11.2014. Resource Person: Mr. M. Eswaran, Sr. Technical Consultant, PORAS Technologies India Pvt Ltd, Coimbatore • Organized a guest lecture on "Analyze Big data with Orange" on 23.12.2014 Resource Person: Dr. T. Senthil Kumar, Department of Computer Science and Engineering, Amritha University. Coimbatore. • Organized a guest lecture on "Mobile Stragies and Entrenepreurship" on 05.09.2014. Resource Person: Mr. Abdul, Technical Architect, Georgia Technology Authority (State of Georgia), USA

• Promoting entrepreneurship among students	• Organized a guest lecture on 17.07.2014 on "Logistics and Shipping"
	
	Resource Person:
	Capt.V.J.Pushpakumar
	Director - Indian Institute of Logistics
	
	• Conducted Brand Expo'14 on 21.02.2014 for all the students
	• Students of BBM were Participated in a workshop on Entrepreneurship Development in Vidyasagar College of Arts & Science, Udumalpet on 21.01.2011
	
	• Conducted E-Carnival a program to give a hands on experience of Entrepreneurship for BBA students on 16.09.2011
	
	• Conducted Brand Expo'14 on 10.09.2014 for all the students
	
	• Conducted Various Guest Lectures on by eminent Entrepreneurs for all the students.
	
	• Each semester the students of BBA visits various production based companies to have a practical exposure towards the various functionalities of the industries.
	
	  • "Business Skills for Life" - Prof.Srikandiah, University of Southampton, UK- IT BLOCK On1-8-2014
	
	  • CEO's WORD SERIES- Ms.Sumit Dutta Chowdhury, CIO, Reliance Jio Infocomm Ltd on 28.11.2014- IT BLOCK

• To enrich the social reach of the student	• CEO's WORD SERIES- Mr. Pasupathi S, Vice President, CareerNet Consulting- IT BLOCK on 23.1.2015 • Conducted Eco-Club snake Awareness program by BBM students to the other school students on 05.03.2011

Resource Person: Mr.Nirmal Kumar

- The students of the BBM have formed an Eco-Club in association with Siruthuli, Coimbatore. And actively doing environment friendly activities.

- Conducted one day workshop on Environmental awareness by distributing saplings to various schools around peelamedu on 30.08.2010

- Students of BBA visits Shanti Ashram, an NGO for having an insight of various problems exists in the society.

- Workshop on Environmental Awareness by "Osai Kalidas" and distributed saplings to the students and Faculty members of the college.

- The students were encouraged to participate in various social activities like visits to orphanages, activities in Red Ribbon Club, NSS & YRC

- Conducted a seminar on Environmental Awareness by Mr.Engals Raja, Vanagam(NGO), Karur.

- Conducted a seminar on Waste Management for the students by Mr.Thayumanavan, Assistant Professor, Dr.GRDCS

- Students went for one day farm field visit to Santhosh Farms, Pollachi on 18.09.2014

Students went for a Eco-Club Trekking to Nilgiri Biosphere Park, Aanaikatti on 06.03.2015

Joy of Giving A Team of five students

	from all UG and PG classes involved in the following activities in this program.
	➢ Gifted dress materials to new born babies
	➢ Provided drawing and 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.
	➢ Conducted Blood donation camp
	• Conducting various social awareness campaigns like Child Labour, Go Green, Road Safety, Give what you can, etc;
	• Walkathon for Cancer awareness;

.

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 2014-2015 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**	-	3	-
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. The institution adopts various strategies for reviewing the existing programmes. And updations are made according to the current scenario. For academic year 2014-15, the following updations have been incorporated.

- ➢ Introduced new core paper on Media Management and elective paper on E – Business for MBA Programme.

- ➢ Introduced new Elective – Rudiments of Journalism for BA (English in Global Context) Course.

- ➢ Introduce VB.Net and VB.Net Programming and Web Design Lab for BCA

- ➢ Updation and modification of topics in few subjects in B.Sc IT, M.Sc and MCA course

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

NO

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
157	137	17	3	-------

2.2 No. of permanent faculty with Ph.D.

35

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
40	-	2	-	-	-	-	-	42	-

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-	3	12	1
Presented pa-	31	34	-
Resource Persons	-	2	-

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

- E – Learning module on "Career Strokes" , to the students by Mr. Kris Srikkanth, Former Indian Cricket Captain to enhance their skills and bring out their professionalism
- "Corporate Theatre" , by Mr.Prakash Dharmarajan, VP, O&M, Chennai to bring out the hidden talents among the students
- LCD Projector attached Smart Class Rooms
- Laptops and LCDs are used in classrooms to make presentations both by the faculty and students
- Wifi connectivity is provided for internet access for both the faculty and students

- Audio visual technologies are used to facilitate and enhance communication capabilities of students

- Webminars and Remote Lectures are conducted for the students to gain exposure

- Students undergo Internships in the reputed organizations to get practical exposure

- Video CDs and DVDs are used for discussion and to improve the concentration of students and also make the learning process interesting

- Personality Development (Out bound training) activities by Master Stroke

- Photography forum GRD Scope (School of communication photography endeavours) is a platform for students to share, communicate and recognise their talents

- Audio lingual- LCDs , Group discussion, Simulation and role play, Language games, Drilling with flash cards…etc., are practiced and review will be conducted on one to one basis to assess the students and to develop

- Students are trained to work in Communications Lab as part of Placement Training Programme

- Soft skills, personality development, communication skill development, interview techniques are being taught using softwares such as Studyskills success and StartLearner AP

2.7   Total No. of actual teaching days
      during this academic year

| 90 days |

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.

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	58	49.15	33.89	16.96	-	83.04
BBM	48	-	28	9	2	82
B.Sc (BT)	10	-	100	-	-	-
M.Sc (BT)	2	-	100	-	-	-
BCA A	49	26.53%	48.98%	6.12%	-	81.63%
BCA B	32	34.38 %	40.63%	18.75 %	-	93.76%
BSc CS	50	18%	60%	16%	-	94.1%
BSc IT	53	9.44 %	56.60%	20.75%	-	86.79%
MCA	49	-	91.83%	-	-	91.83%
MSc IT	7	-	85.71%	-	-	85.71%
B.A.ENG	24		20	2		94
I M.A. ENG	7		5	1		72
MIB	106	Ex-1, 27	74	02	-	98
B.Com	57	17	36	03	-	98
B.Com(CS)	56	04	35	13	01	95
B.Com(CA)	113	05	63	28	-	85
B.Com(E.Com)	54	-	24	20	-	81.5
B.Com (AM)	54	03	13	25	04	83
B.Com (IT)	45	04	14	13	-	69
B.Com (IB)	46	02	29	10	-	89
B.Sc VC	50	5	37	6	-	96%
II MJMC	10	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.

Continious 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

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	1
UGC – Faculty Improvement Programme	6
HRD programmes	-
Orientation programmes	-
Faculty exchange programme	-
Staff training conducted by the university	-
Staff training conducted by other institutions	4
Summer / Winter schools, Workshops, etc.	79
Others	84

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	32	Nil	32	Nil
Technical Staff	14	Nil	14	Nil

Criterion – III

3. Research, Consultancy and Extension

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

The IQAC helps to find the Research Groups of the department. The Proposals are prepared and obtained Project funding from various agencies. Creates continuous linkages with institutions like ICAI, Career Strokes etc. More number of M Phil and PhD candidates are motivated for research. 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 GRDIM signed an MOU with "Brand Comm" and "career stroke" to promote consultancy projects and Career & life Skills Development to the students. It also helps the faculty team in promoting the research climate in the institution by:

- Encouraging faculty members to publish the research papers in peer reviewed journals

- Promoting Faculty members to attend conferences and workshops.

- Organizing International Conferences and workshops in the current technologies.

- Providing support to attend Fellowship programmes in leading institutions in the country.

- Research groups in specific domains to organize research seminars and workshops

- Financial Support for procurement of Books, Equipment additions, consumables and travel,

  Digital Library Access etc.

3.2   Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	3	3	-
Outlay in Rs. Lakhs	-	-	37,30,900	-

3.3   Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	4	4	-
Outlay in Rs. Lakhs	-	-	6,50,000	-

3.4   Details on research publications

	International	National	Others
Peer Review Journals	39	4	-
Non-Peer Review Journals	-	16	-
e-Journals	-	-	-
Conference proceedings	27	3	-

3.5 Details on Impact factor of publications:

Range 0.26-3.32   Average 1.69   h-index 74   Nos. in SCOPUS 11

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	3 Years	UGC	36,90,900	28,32,600
Minor Projects	2 Years	UGC	6,50,000	4,25,000
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College	-	-	-	-
Students research projects *(other than compulsory by the University)*	-	-	-	-
Any other(Specify)	-	-	-	-
Total	-	-	43,40,900	32,57,600

3.7 No. of books published   i) With ISBN No. 9   Chapters in Edited Books 1

ii) Without ISBN No.　　| 1 |

3.8 No. of University Departments receiving funds from

UGC-SAP | - | 　CAS | - | 　DST-FIST | - |

DPE | - | 　DBT Scheme/funds | - |

3.9 For colleges　　Autonomy | - | 　CPE | - | 　DBT Star Scheme | - |

INSPIRE | - | 　CE | - | 　Any Other (specify) | - |

3.10 Revenue generated through consultancy | - |

3.11 No. of conferences organized by the Institution | 27 |

Level	International	National	State	University	College
Number	1	4	1		21
Sponsoring agencies		UGC Women's Studies centre, AICTE			

3.12 No. of faculty served as experts, chairpersons or resource persons :　　11

3.13 No. of collaborations　　International | 2 | 　National | 06 | 　Any other | - |

3.14 No. of linkages created during this year | 05 |

3.15 Total budget for research for current year in lakhs : -

From Funding agency | 3.75 lakls | 　From Management of University/College | - |

Total | 3.75 lakhs |

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	NIL
	Granted	
International	Applied	
	Granted	
Commercialised	Applied	
	Granted	

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

17

and students registered under them

49

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

10

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

JRF 3   SR   -   Project Fellows -   Any other   1

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 -

3.25 No. of Extension activities organized

University forum   -   College forum   -

NCC   -   NSS   2   Any other   3

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, Sundakka-muthur

- ❖ Visited Old age home &provided Old. Cloths Medicines & Rice Bags at Postal Colony ,Perur

- ❖ Provided Sweet Notebooks, Crackers, Rice bags & Lunch to Anuvargal Anbu Illlam , 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 11/11/13were 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.
  - Inter Collegiate Quiz Activity Conducted by BBM Students to other college students on 3/2/2010.
  - The students of the BBM department have formed an ECO – CLUB in association with Siruthuli, Coimbatore. And were actively doing environment friendly activites.
  - Conducted one day workshop on Environmental Awareness by distributing saplings to various schools around Peelamedu on 30/08/2010.
  - Conducted "Snake Awareness" Programme on 13/01/2011 for all department students of our campus.
  - "Snake Awareness" Programme on 8/08/2011 at Dr.N.G.R Higher Secondary School, Coimbatore.
  - "Snake Awareness" Programme on 27/01/2012 at Government middle School, Vellanipatti, Coimbatore.
  - Workshop on Environmental Awareness by Osai Kalidhass and distributed saplings to the students and faculty members of the college on 23/01/2014.

A signature campaign on Helmet awareness for the period of 1 week during 25, 26, 27 & 28, February 2014.

BBA Students Coordinated "Governance" program organised by G-18 Public Charitable Trust on 25, 26 & 27 September, 2015.

The Department funds orphanages, old age home and Blind school through its social responsibility wing.

➢ The Department collaborates with Shanthi Ashram for its India Poverty Solutions Project

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		
Class rooms	77	NIL		
Laboratories	19	1		
Seminar Halls	9	NIL	Self Financing	
No. of important equipments purchased (≥ 1-0 lakh) during the current year.	22	9		27
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	12193		NIL		12193	
Reference Books	264		NIL		264	
e-Books	02		NIL		02	
Journals	69		NIL		69	
e-Journals	01		NIL		01	
Digital Database	01		NIL		01	
CD & Video	Available		NIL		Available	
Others (specify)	---	---	NIL	---	---	---

COMPUTER SCIENCE LIBRARY:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	7798	2448329	-	-	7798	2448329
Reference Books	308	171739	-	-	308	171739
e-Books			--	-		
Journals	28	67278	-	-	28	67278
e-Journals	9	28000	-	-	9	28000
Digital Database	1	5000	-	-	1	5000
CD & Video	2106	460681	-	-	2106	460681
Others (specify)			-	-		

English Department:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	590	-	NIL	-	590	-
Reference Books	-	-	NIL	-	-	-
e-Books	-	-	NIL	-	-	-
Journals	4	-	NIL	-	4	-
e-Journals	-	-	NIL	-	-	-
Digital Database	-	-	NIL	-	-	-
CD & Video	Available	-	NIL	-	Available	-
Others (specify)	---	---	NIL	---	---	---

Commerce Department:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	4054	-	32	-	4,086	-
Reference Books	-	-	NIL	-	-	-
e-Books	02	-	NIL	-	02	-
Journals	08	-	NIL	-	08	-
e-Journals	03	-	NIL	-	03	-
Digital Database	01	-	NIL	-	01	-
CD & Video	Available	-	NIL	-	Available	-
Others (specify)	-	-	NIL	-	-	-

Viscom Department:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	2032	203735	79	47230	2111	250965
Reference Books	-	-	-	-	-	-
e-Books	-	-	-	-	-	-
Journals	1	166			1	166
e-Journals	-	-	-	-	-	-
Digital Database	-	-	-	-	-	-
CD & Video	-	-	-	-	-	-
Others (specify)	-	-	-	-	-	-

4.4 Technology up gradation (overall)

GRDIM:

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	61	01	61	NIL	01	01	1 PC+ 4 Laptops	---
Added	61	NIL	61 (Upgraded)	NIL	NIL	NIL	NIL	---
Total	61	01	61	NIL	01	01	1 PC+ 4 Laptops	---

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 leaned line.

4.5 Computer, Internet access, training to teachers and students and any other programme for technology up gradation (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   19,53,948

   iii) Equipments   2,47,08,608

   iv) Others   7,79,546

                Total :   27,44,210

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.

The students, at the time of the admission, are helped by the faculty present in choosing right stream. They are informed about the scope and nature of the various subjects that form the syllabus. They are given right kind of counseling which helps them shape their career.

  - Enhance quality Syllabus formation, conducts systematic examination, Internal and external examination assessment, Results follow – up, Mentoring and Placement guidance and opportunities for the students.
  - Seminars and workshops are frequently conducted to benefit the students.
  - Conducts various Personality Development Programmes which enhance the IQ level and communication skills of the students.
  - The department also invites guest speakers from the industry which provides employment opportunities for the students.
  - Industrial visits and break through programs are organized 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
2633	547	41	22

(b) No. of students outside the state   156

(c) No. of international students   14

Men

No	%
10	71

Women

No	%
4	29

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
2649	92	1	265	-	3007	2957	91	2	130	-	3180

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 Srikkanth. 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 cerficate 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.

No. of students beneficiaries -   **512**

5.7 Details of campus placement

Course	*On campus*			*Off Campus*
	Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
MBA	22	49	42	5
Biotech	-	-	-	1
Computer Science	7	172	75	11
Commerce	11	390	48	11
Viscom	8	40	8	5
BBA	2	18	1	24

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 34   National level **19**   International level Nil

5.9.2.   No. of students participated in cultural events

State/ University level 27   National level Nil   International level Nil

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

Sports : State/ University level 29   National level 10   International level 2

Cultural: State/ University level 10   National level 1   International level 2

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 [1]   International level [   ]

Exhibition: State/ University level [4]   National level [   ]   International level [1]

5.12   No. of social initiatives undertaken by the students [15(NSS, Rotract, Blood group)]

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 updatement 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, 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.

6.3.3 Examination and Evaluation

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.)

The College is extra-ordinarily well endowed with modern well equipped buildings, hostels, play areas, canteen, well stocked and uptodate 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.

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).

6.3.6   Human Resource Management

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
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

Science Research 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

Teaching	✔
Non teaching	✔

Viscom Department :

UG -110
PG -11

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 anhere 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.

Computer Science:

Teaching	Maternity leave, Medical leave
Non teaching	Mediclaim Policy, Medical Leave
Students	Accidental Policy

6.4 Welfare schemes for

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 curriculam 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 interms 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 initative 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

- GENERAL AWARENESSand ENVIRONMENTAL AWARENESS 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.

- MCQ was introduced for the first time to score more marks.

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

- Strengthening the Technical Skills of the Students, training classes were conducted.
- Students will be sending to do project related to their subject in all streams so they get practical knowledge where and how they can apply their learning.
- Conducting placements drives.
- Arranged Social Visits to Orphanages, Homes and other Help Centres around the city with contributions.
- Seminars, National Conference and exhibits were conducted to enhance the student's knowledge.

7.3 Give two Best Practices of the institution

1. Quality enhancement in Teaching and Learning through updating the teaching pedagogy (Smart board installed).

2. Introducing Online and Certified courses to UG and PG classes.

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.

- The department propagates the importance of energy conservation by intimating staff and students to turn off the fans and lights in hostel and college whenever not needed.
- Saplings were planted inside the campus. And issued the medical saplings to the staffs and students
- Arranged for Helmet awareness programmes and conducted a rally.
- Contributed to shanthi arasmam as piggy bank for poverty solution the money goes to child education.
- Arranged for snake awareness programme is about how to protect ourselves from snakes and first aid treatment.

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**

- Enrolling students for relevant career oriented programmes.
- Linking the curriculum with practice through experts.
- Developing tie-ups with industry associations.
- Encouraging entrepreneurial Projects.
- Increasing the quality of Global exposure by bringing in prominent personalities belonging to business and academia from different countries.
- Planning to introduce International Industrial Visits
- Introduce various short-term programmes on the Industry based needs
- Proposed to incorporate more online based reality inputs relevant to the curriculum.
- Proposed to conduct business motivation training programmes.
- Application oriented subjects proposed to introduced.
- Improve discipline and human interaction on the campus through the mentoring system.

Name _____   *Name _____*

 _____   _____

Signature of the Coordinator, IQAC   *Signature of the Chairperson, IQAC*

_____***_____

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

****