

## CRITERION IV : INFRASTRUCTURE AND LEARNING RESOURCE

### 4.1 Physical Facilities

#### 4.1.1. *How does the college plan and ensure adequate availability of physical infrastructure and ensure its optimal utilization?*

Infrastructural facilities in the campus has adequately supported the growth of the institution. Six months before the commencement of classes, the utilization of existing facilities is planned and new facilities required are explored and alternative options are devised on time.

- ◆ The infrastructural facilities available in the college are being put to optimum use.
- ◆ The college has a slightly staggering working schedule. The working hours are from 7.45a.m to 5 p.m. Career oriented add on course, job oriented courses and coaching classes for a Certificate course in Communicative English and other professional courses are conducted before and after the regular time slot.
- ◆ Laboratory facilities are utilized from 7.00am to 7.00 pm.
- ◆ Library facilities are available from 7.30 am to 6.00 pm on all working days except public holidays.

#### 4.1.2. *Does the college have a policy for creation and enhancement of infrastructure in order to promote a good teaching-learning environment? if yes ,mention a few recent initiatives*

1. Adequate classrooms, furniture, teaching aids, faculty rooms and rest rooms maintained hygienically are provided to support a positive teaching- learning environment
  - ◆ Golden Jubilee Block of 38,040 sq ft is built with 31 class rooms, 2 administrative rooms and with 12 modernized staff rooms.
  - ◆ Two new Board Rooms with attached rest rooms.
  - ◆ Open air auditorium with 4500 seating capacity.
  - ◆ New students' lounge with 80 rest rooms.
- 2 To prepare students to work in a technology enhanced world the following initiatives have been undertaken. The recently introduced additional facilities are as follows:



ICT enabled classroom session

- ◆ Smart Board system and LCD projectors as instrumental aids -

- All departments have computers with internet facility and Wi-Fi facility
  - **68 LCD's are fixed in the class rooms at a cost of Rs 27,00,000**
  - **Certain classrooms are provided with smart boards**
  - In certain departments offering traditional courses, a paper related to computer forms an important component of the syllabus. Such departments as well as the research department are provided with additional computers.
  - **Multimedia halls with Wi-Fi facility**
  - **Tele Conference and Video Conference facilities are provided**
- ◆ Centralized computers and browsing facilities available are to all the faculty and students in the Information Resource Centre which is open from 7.30 am to 6 .00 p.m on all working days.
  - ◆ Computer labs and departments are equipped with general as well as domain specific software for quality teaching and research
  - ◆ **To develop high level learning –teaching skills, e-Resource room with e-Studio is set up for recording, editing and uploading the lectures in the college servers.**
  - ◆ **All departments have facilities for downloading web based educational multi media resources.**



Practical session in Computer lab

3. To develop high quality infrastructure for research

- ◆ Upgraded science laboratories with improved physical infrastructure at a cost of 28 lakhs
- ◆ Purchase of sophisticated equipments worth 1 crore.
- ◆ Installation of software to the tune of 5laks.
- ◆ Greenhouse facility

**4. 1. 3. Does the College provide all departments with facilities like office room, common room, separate rest rooms for women students and staff?**

Since the administrative work of the department is looked after by the head of the department with the assistance of senior faculty members, there is no separate office room as such and HoD's cabin serves the purpose of the office room.

Common room facilities and separate rest rooms for students and staff are available.

**4.1.4 How does the college ensure that the infrastructure facilities meet the requirements of students/staff with disabilities.**

The percentage of such students / faculty is negligible. Special needs, if any, of the differently-abled students are met with as far as possible.

**4.1.5 How does the college cater to the residential requirements of students? Mention capacity of the hostels and occupancy (to be given separately for men and women)**

Off campus hostel facility is available about 1 km from the college campus. There is adequate and sufficient accommodation to meet the demand.

◆ *Transport facility*

◆ *Capacity and occupancy*

- There are 1100 students staying in the hostel with 100 % occupancy.
- There are 204 Rooms for the hostel students

◆ *Recreational facilities in hostels.*

- TV and audio systems are available for recreation and relaxation.
- Both local and STD telephone facilities are provided in the hostel.
- A store provides snacks, stationary, cosmetics and other needs/requirements of hostelites.
- Laundry services are available
- A reading room is provided with newspaper, magazines etc.
- A beauty parlour functions within the hostel premises.
- Gymnasium is provided with latest equipments
- Fresh Juices are available in the fruit stall.

◆ *Broad band connectivity.*

- Browsing center with 20 system of 2 Mbps Broad band connectivity.

**4.1.6 How does the college cope with the health related support services for its students, faculty and non-teaching staff on the campus and beyond?**

The following health care facilities are provided by the institution

- ◆ Purified drinking water facility
- ◆ First aid boxes in strategic places
- ◆ In commemoration of Golden Jubilee Year a special Student Welfare Fund has been mobilized which will focus to serve health and education
- ◆ General health check up for the new entrants to the institution
- ◆ Periodical health awareness programs are conducted for the staff and students.
- ◆ Medical checkup facilities are provided for the non-teaching staff.
- ◆ Incase of emergency, students are referred to the PSG hospital which is just within reach.
- ◆ Government health insurance schemes for both teaching and non teaching staff of aided stream.
- ◆ All students are covered by insurance.

#### ***4.1.7 What special facilities are made available on the campus to promote interest in sports and cultural events?***

There are adequate physical and infrastructural facilities for sports. The physical and infrastructural facilities available for sports at the physical education center are:

- ◆ Two Physical directresses to monitor the activities.
- ◆ Qualified coaches to train the students.
- ◆ Two volleyball courts and two basketball courts and one court each for shuttle cork, throw ball, beach volleyball and hand ball.
- ◆ Courts for kho-kho
- ◆ Foot Ball ground
- ◆ Fully re-laid 200mts athletic track
- ◆ Flood lighted Basket ball Court
- ◆ Ground for short put, javelin throw, discuss throw etc.
- ◆ In door games- carom and chess are available.
- ◆ In door gymnasium with required equipments. Students are encouraged to participate in cultural events both inside and outside the college.
- ◆ Fresher's Day celebrations are arranged for first year students.



**Indoor Gymnasium**



- ◆ Mass dance at the time of Founders' Day celebrations.
- ◆ Youth Day celebrations
- ◆ Several inter collegiate cultural events are organized. Karishma, Urjith and Cybersprint are some of the events held every year.

## 4.2 Library as a learning resource

### 4.2.1 Does the library have an advisory committee? Specify the composition of such a committee. What significant initiatives have been implemented by the committee to render the library, student/user friendly?

Yes, there is an Advisory Committee for the library. The Advisory Committee is headed by the principal and the librarian four faculty representing different disciplines as members. The committee meets once in six months or whenever required. *Various significant initiatives have been implemented by the committee to render the library, student/user friendly.*

- User literacy orientation programme is organized to the new users on the first day of every year and the following features are highlighted:
  - ◆ Rules and regulations of the library
  - ◆ Library working hours, circulation period, book issue and renewal details.
  - ◆ Details on over dues/ loss of books.
  - ◆ Identification of subject books and periodicals in the shelves and racks.
  - ◆ Online Public Access Catalogue (OPAC)

### 4.2.2 Provide details of the following:

- *Total area of the library*

The G R Govindarajulu Memorial General Library situated in a spacious building with an area of 4142 sq.ft. The Chandrakanthi Memorial Professional Library working with a built-in space of 2010 sq.ft. In addition each department maintains a library with a reading room.

In addition all the departments are provided with libraries and reading rooms.

- *Total seating capacity*

150 members can be accommodated in G R Govindarajulu Memorial General Library and 60 members can be seated in Chandrakanthi Memorial Professional Library

- *Working hours (on working days, on holidays, before examination days, during examination days, during vacation etc.).*

The library is kept open on all days except public holidays from 7.30am to 6.00pm.

- *Layout of the library.*

**Refer Enclosures 12 & 13.**

- *Access to the premises through prominent display of clearly laid out floor plan; Adequate signage; fire alarm and access to differently abled users and mode of access to collection –*

Separate layout is placed in the entrance of the college and sign boards are placed wherever necessary. Fire alarms are kept in the college. For differently abled students wheel chair facility is available.

#### 4.2.3 Give details on the library holding

##### a) Prints-

- Text Books : 81247
- Reference books : 4100
- Periodicals : 240
  - Journals National : 119, International : 26
  - Magazine : National: 83, International : 12
- Thesis ( UG, PG and Research) 1188

##### b) Non print (Microfiche, AV) -

2,685 non print materials ( CDs) are available in the library.

S.No	Department	No. available	S.No	Department	No. available
1.	Tamil	7	6.	Chemistry	5
2.	English	35	7.	Biology	30
3.	History	4	8.	Commerce	49
4.	Mathematics	16	9.	Management	887
5.	Physics	13	10.	Computer Science	1563
			11.	General	76

##### c) Electronic (e-books, e-Journals)

The following are the on line facilities available in the library:

e- Journals

- ◆ EBSCO
- ◆ DELNET

- ◆ IEEE
- ◆ INFLIBNET
- ◆ ACM
- ◆ J-GATE
- ◆ ELSEVIER
- ◆ CMIE-PROWESS ( Database)

**d) Special Collections**

Text books -

Reference books -

Standards -

Patents -

**4.2.4 What tools does the library deploy to provide access to the collection?**

● **OPAC (Online Public Access Catalogue):**

Multiple search facilities are available for the following: Title, author, subject, accession number, call number, publishers, editors, department volumes and racks and rows

● **Electronic resource management package for e-journals:**

✓ Facilities for direct access of e- journals are available.

● **Federated searching tools to search articles in multiple databases –**

Negotiations are going on to install Federated search engines.

● **Library websites –**

Library informations are included in the college website. It provides information about the library services for guides, faculty and students to locate information. It is a gateway to information resources. Library informations are classified into the following segments:

- ✓ general information
- ✓ contact information
- ✓ online catalogue
- ✓ library services description
- ✓ working hours
- ✓ news authority data
- ✓ the last update data

● **In-house/remote access to e-publications-**

Browser based searching is used for e- publications. Separate ID is given for the students



and staff to have direct access to e- publications.

#### **4.2.5 To what extent is the ICT deployed in the library**

- **Library Automation**

The library is fully computerized. This facility provides information about the library to the users with the help of library management software called 'Campes i lib' and transactions like issue/return are done with Bar Coding Technology.

Library housekeeping Automation function includes:

- ✓ Use of computers for supporting the clerical functions is acquisitions, technical processing and circulation
- ✓ Information storage and retrieval
- ✓ Retrieval of bibliographic records
- ✓ Guidelines for reference documents
- ✓ Providing indexing services through automated environment
- ✓ Library network applications and OPAC on network environment

- **Total number of computers for public access-**

38 computers are available in the library. In addition all the departments are provided with computers.

- **Total number of printers for public access-**

2 printers are available for the use of students.

70 printers are available in the departments.

- **Internet band width speed-**

4mbps

- **Institutional Repository-**

It is under preparation . It will include the following documents:

Research output of faculty and research scholars. - journal articles, conference papers, technical reports, , Thesis, images etc. Browsing the documents by author, division, subject, date and document type.etc., will be created. Special collections, news paper clippings and question banks will also be included under Institutional Repository.

- **Content management system for e-learning-**

Different e- learning resources are maintained by departments under content management system.



- **Participation in Resource sharing networks/consortia (like inflibnet) –**

The Institution is participating in the resource sharing network/ consortia. Through the inflibnet, shodhganga, indcat and N-list facilities are shared.

#### 4.2.6 Provide the details

- **Average number of walk-ins-** 1000 /day
- **Average number of books issued and returned** 500/day
- **Ratio of library books to students enrolled-** 16:1
- **Average number of books added during last three years –** 9,931
- **Average number of login to OPAC –** 100/day
- **Average number of login to e-resources –** 150/ day
- **Number of information literacy trainings organized-** 3

#### 4.2.7 Give details of the specialized services provided by the library

- **Manuscripts –**

Manuscripts are available in the library. The M.Phil & Ph.D thesis of faculty and all the manuscripts of student projects are available for readers to pursue research works.

- **Reference:**

The **reference desk** is a service counter manned by the librarian which provides library users with direction to library materials, advice on library collections and services, and expertise on multiple kinds of information from multiple sources. Library users can consult the staff at the reference desk for help in finding information. Reference desk can be consulted either in person, by telephone, through email or online chat, although a library user may be asked to come to the library in person for help with more involved research questions.

- **Reprography:**

Xerox machines	- 2 nos
Scanner	- 4 nos

- **ILLS (Inter Library Loan Service) –**

Interlibrary loan facilities provided through DELNET

- **Information Deployment and Notification-**

Notice Boards are placed in the libraries and prominent places and information is also passed through intranet. New arrivals are displayed. The information related to placements, competitive exams, important current issues will be displayed in the notice board of the library.

- **OPAC –**

The system provides additional information about the books.

- **Internet Access –**

The library has online facilities of EBSCO, IEEE, CMIE, DELNET and ACM along with Internet services. The Browsing Centre is open from 7.30am to 6.00pm and both students and staff access this facility. On an average 100 students and 10 staff use this facility daily.

- **Downloads –**

Staff and students are allowed to download information on current issues to enhance their knowledge. Unlimited downloads are allowed for the faculty and research scholars

- **Printouts –**

Downloads and taking printouts are allowed in the library as well as in the computer labs.

- **Reading list/Bibliography compilation –**

The library provides the reading list and subject wise bibliography required to the users. OPAC also provides the details of reading list.

Yes

- **User orientation:**

**Library orientation** has to do with introducing new library users to the library, users are guided and directed towards the satisfaction of their reading or information needs.

Important aims for user orientation are:

- ✓ to ensure that library users can make use of library resources and services, adequately and to their own satisfaction;
- ✓ to help library users to feel at home in the library and trust the competency of the library staff;
- ✓ to enable library users to become skilled at finding information and thus foster feelings of confidence and independence.
- ✓ Library orientation makes library users aware of the library and the services it offers. Library orientation educates people regarding general use of the library, e.g. when the

library is open, where specific items can be found, how to obtain the library material you need, etc.

- **Assistance in searching databases –**

Through orientation programmes proper guidance is provided to the students and research scholars for searching databases and day-to-day assistance is also provided whenever needed.

- **INFLIBNET/IUC Facilities-**

Available in the library. Separate usernames and passwords are provided to the students and staff to share this network.

#### 4.2.8. **Provide details on the annual library budget and the amount spent for purchasing new books and journals.**

Particulars	2008-2009		2009-2010		2010-2011		2011-2012	
	No. of copies	Total cost (in ₹)	No. of copies	Total cost (in ₹)	No. of copies	Total cost (in ₹)	No. of copies	Total cost (in ₹)
Books	2568	883338	2916	773960.25	3408	169884.95	3447	1133970
Journals	178	204399	217	409637	222	420255.50	228	440098
DELNET	-	11500	-	11500	-	11500	-	11500
INFLIBNET	-	5000	-	5000	-	5000	-	5000
EBSCO	-	75000	-	75000	-	75000	-	75000
CMIE	-	98877	-	97064	-	105888	-	105888
ACM	-	\$228	-	\$100	-	\$100	-	\$100
IEEE	-	\$228	-	\$228	-	\$230	-	\$230
Elsevier	-	-	-	-	-	-	-	347750
J-Gate	-	-	-	-	-	-	-	66180

#### 4.2.9. **Does the library get the feedback from its users? If yes, how is it analysed and used for improving the library services.**

Yes, the library gets feedback from its users on the services provided, adequacy of the learning resources, library timings etc. Based on the feedback from the students the library hours has been extended beyond the regular working hours of the college. **Student centric improvements in the library services are introduced.**

#### 4.2.10. **List the infrastructural development of the library over the last four years.**

- ◆ The General library of the college has been bifurcated into The G R Govindarajulu Memorial General Library (situated in a spacious building with an area of 4142 sq.ft.) and

The Chandrakanthi Memorial Professional Library ( with a built space of 2010 sq.ft.)

- ◆ Better storing facilities for books, magazines and journals.
- ◆ Display stands for new arrivals and newspapers,
- ◆ Notice boards to post important information.
- ◆ Computer and printer facilities,
- ◆ Photocopier machines
- ◆ Personal belongings rack for safe custody.
- ◆ Installation of new software for library automation-online subscription and intra library borrowing through DELNET.
- ◆ Barcode printer machine and Barcode scanners are kept in the library.

**4.2.11. Did the library organize workshops for students, teachers and non-teaching staff of the college to facilitate better library usage?**

Orientation programmes have been organized for the first year students at the beginning of every year. For new faculty and non-teaching staff separate orientation programmes are conducted in the library.

**4.3 IT Infrastructure**

**4.3.1 Does the college have a comprehensive IT policy addressing standards on IT Service Management, Information Security, Network Security, Risk Management and Software Asset Management?**

Yes, the college has a comprehensive IT policy addressing standards on IT Service Management, Information Security, Network Security, Risk Management and Software Asset Management. For Network Security the Fortigate Firewall is installed, which gives gate level security.

**4.3.2 Give details of college computing facilities (Hardware and Software)**

➤ **No. of Systems with Configuration**

There are 500 computers. Out of which 391 Computers are in the Labs. The configurations are:

- Core i3, 3GB RAM, 500GB HDD, 18.5" Monitor – 70
- PIV 3.06 Ghz 2GB RAM, 80 GB HDD, 17" Monitor – 60
- PIV 3.06 Ghz 1GB RAM, 80 GB HDD, 17" Monitor – 60
- PIV 3.00 Ghz 512MB RAM, 160GB HDD 18.5" Monitor – 56
- PIV 3.06 Ghz 1GB RAM, 160 GB HDD, 18.5" Monitor – 50
- PIV 3.00 Ghz 512MB RAM, 160GB HDD 18.5" Monitor – 15
- Core 2 Duo, 2.8 Ghz, 2GB RAM, 320GB HDD 18.5" Monitor – 60

▪ **Core i3, 3GB RAM, 500GB HDD, 18.5” Monitor – 20**

➤ **Computer-Student ratio : 1:1**

➤ **Dedicated Computing Facility-**

Yes, the Institution has dedicated computing facility.

➤ **LAN Facility :** Completely Networked

➤ **No. of nodes/ Computers with internet facilities**

All nodes have internet facilities.

➤ **Any Other –**

Microsoft Campus License and Linux software used in the campus.

**4.3.3 What are the institutional plans and Strategies for deploying and upgrading the IT infrastructure and associated facilities?**

Planning to upgrade network to Gigabyte solution, in terms of upgrading switches to 10/100/1000 Mbps and cabling to Cat6. Extension of campus Wi-Fi footprint in other areas is also on the anvil.

**4.3.4 Give details on access to online teaching- learning resources and other knowledge, and information provided to the staff and students for quality teaching- learning, research.**

- ◆ R Cad V<sub>1</sub>6.5 used for the simulation of Electrical & Electronic practical.
- ◆ Sigma Plot Peak Pit 4.2 to support experimental research work.
- ◆ Gaussian 09 installed to do theoretical molecular dynamics.
- ◆ Diamond software installed and used for molecular and crystal structure.
- ◆ Endeavour Software installed and used for the crystal structure solution.

**4.3.5 Give details on the ICT enabled classrooms or learning spaces available within the college and how they are utilized for enhancing the quality of teaching and learning.**

Since students **need to develop the skills which will enable them to benefit from new opportunities offered by ICT**, a beginning has been made to develop ICT enabled classrooms, which includes - providing computer/ laptop facilities and LCD projectors in the classrooms. **Regular use of ICT across different curriculum subjects which will have a motivational influence on students' learning will be undertaken shortly.**

Faculty attend short duration training programmes conducted by the college, university etc. and are well equipped to prepare and use computer aided teaching programmes.

Details of programmes attended by faculty are provided in Q. No. 2.3.11

**4.3.7 How are the computers and their accessories maintained? (AMC etc.)**

There is an in-house team for hardware and network maintenance.

**4.3.8 Does the college avail of national knowledge network connectivity directly or through the affiliating university? If So, what are the services availed of?**

Yes, The Institution has availed National Knowledge Network Connectivity directly from BSNL VPN over Broadband @ 512 Kbps speed.

**4.3.9 Provide details on the provision made in the annual budget for update, deployment and maintenance of the computers in the college?**

Annual budgeting has been prepared accordingly for upgrading our LAN to Gigabyte conversion, provisioning of Layer 3 Core Switches.

**4.4 Maintenance of campus facilities**

**4.4.1 Does the college have an Estate Office / designated officer for overseeing maintenance of buildings, class-room and laboratories? If yes, mention a few campus specific initiatives undertaken to improve the physical ambience.**

- ◆ Yes, the college has an Estate Office / designated officer to oversee the maintenance of buildings, class-room and laboratories
- ◆ Few Initiatives
  - Maintenance audit is done every year
  - All civil work to maintain a trouble free and clean campus is undertaken on a routine basis.
  - Duster roller machines operated manually used to maintain a clean campus.
  - Waste paper is recycled through ITC Papers Ltd.
  - Garden chairs are provided.
  - Every month Mass House Keeping program is conducted.
  - Students are instructed to maintain the campus clean.

**4.4.2 Does the college appoint staff for maintenance and repair? If not, how are the infrastructure facilities, service and equipment maintained? Give details.**

- ◆ Yes, the college appoints staff for maintenance and repair
- ◆ Separate Civil Engineering Department is functioning for the maintenance of infrastructure facilities, and servicing the equipments.

*Any additional information regarding infrastructure and library resources which the institution would like to include*

1. Three Generators are available with a capacity- 110KVA, 125 KVA and 180 KVA to ensure uninterrupted working of the administrative sections and laboratories.
2. Regulated gas supply through gas pipelines for the Chemistry department.
3. Campus Management System has been installed to automate various administrative processes of the institution. The software has modules like Student enrolment, Student information system, Faculty work allotment, Master data maintenance, Student fee management, Financial accounting system, Examination system, Student evaluation system, Online feedback from students and faculty appraisal.



## CRITERION V : STUDENT SUPPORT AND PROGRESSION

### 5.1 Student Mentoring and Support

#### 5.1.1 *Does the College have an independent system for student support and mentoring? If yes, what are its structural and functional characteristics?*

The College follows the tutor-ward system for student support and mentoring. Each faculty is given about 25 wards usually belonging to the same department and the faculty will look into the matters of the particular student for their period of study in the college. Regular fortnightly meetings are held and the faculty also interact with the student on a one to one basis as and when required. ***Students are counseled and the progress in studies are periodically intimated to the parents.***

#### 5.1.2 *What provisions exist for academic mentoring apart from class room work?*

- ◆ Academic counseling to guide students to make a correct choice of course that suits their interest is given by a team of senior faculty members at the time of admission.
- ◆ Transition from college to school is successfully navigated through orientation programmes
- ◆ Each class is under the care of a staff advisor who helps the students in choosing elective optional subjects that suits her interest.
- ◆ Slow learners /below average students are identified and remedial coaching is offered.
- ◆ Active learning experience amongst above average students are promoted by involving them in the organization of seminars and conferences and encouraging them to present papers both within and outside the college .They are also advised to earn extra credits by opting for advance learner courses.
- ◆ The Placement co-ordinator through discussion paves the way for choosing a suitable career path.

#### 5.1.3 *Does the College provide personal enhancement and development schemes for students? If yes, describe techniques employed e.g., career counselling, soft skill development, etc.*

Beyond academics and curriculum, students are exposed progressively to several schemes that enhance their personal development.

- ◆ Yoga & Personality Development are offered at the first year level ***to boost physical and mental wellbeing.***

- ◆ Career Enhancement programmes conducted at the second year level provide an opportunity *to develop soft skills and leadership qualities.*
- ◆ Finishing School training at the third year level provides scope *for developing employable skills.*

The placement cell arranges qualified trainers to ensure development of communicative skill and soft skills which are the important determinants of job prospects.

**5.1.4 Does the College publish its updated prospectus and handbook annually? If yes, what are the activities / information included / provided to students through these documents? Is there a provision for online access?**

Yes. Every year the college updates its prospectus. It contains details about the regular courses offered and the value added services provided by the institution. Details about the infrastructural facilities are also given. The application and the prospectus of the College can be accessed on the College Website [www.psgrk.com](http://www.psgrk.com)

Every year the College publishes a Curriculum Design book and this is distributed to every student. This booklet carries detailed information about the courses, credits, assessments, the choice of add-on, job oriented and supportive courses from which a student is required to choose.

**5.1.5 Specify the type and number of scholarships / freeships given to students (UG/PG/M.Phil/Ph.D./Diploma/others in tabular form) by the College Management during the last four years. Indicate whether the financial aid was available on time.**

**Management Scholarships**

S. No.	Year	Amount sanctioned	No. of beneficiaries
1	2008	87000	29
2	2009	117000	42
3	2010	129000	43
4	2011	141000	47
5	2012	168000	59

Yes, the financial assistance is always available on time.

**5.1.6 What percentage of students receive financial assistance from state government, central government and other national agencies? (e.g., Kishore Vaigyanik Protsahan Yojana (KVPY), SN Bose Fellow, etc.)**

Particulars	2008 - 09	2009 - 10	2010 - 11	2011 - 12
State government Scholarships (Backward class scholarships, MBC, SC Scholarships, Farmers Scholarships) Tamilnadu Educational Trust	8%	10%	2%	16%
Central Govt./ National agencies Rajiv Gandhi National Fellowship / National Scholarship / Ph.D Merit Scholarship	1%	1%	1%	1%

**5.1.7 Does the College have an International Student Cell to cater to the needs of foreign students? If so, what measures have been taken to attract foreign students?**

The Centre for Women Studies of the College caters to the needs of the students from outside the country. Through effective counseling the students are able to settle down comfortably adapting to traditional life style and study in a commendable manner. After a short span of time the students feel they are in a home away from home.

**5.1.8 What types of support services are available for**

**\* Overseas students**

The College ensures the safety and comfort of the students from other countries and also transforms them into successful women who can fit into any society. The Center for Women Studies plays a vital part in the well being of the international students. The students are given a certain amount of freedom with regards the dress code too.

**\* Physically challenged / differently -abled students**

The infrastructure of the College is user friendly. To cater to their special needs differently -abled students are permitted to use their vehicle to reach right up to the doorstep of the class room, which will always be on the ground floor.

**\* SC/ST, OBC and economically weaker sections**

The College follows the Quota system as per government norms for admission to Aided Courses. It is ensured that the rights of the backward classes and the weaker sections are given priority. Students from economically weaker sections can approach the student counseling cell and they are given scholarships/financial assistance as and when the need arises.

\* *Students to participate in various competitions/conferences in India and abroad*

The faculty encourage students to attend various conferences and present papers, which help them keep abreast with the latest developments in their respective fields. On an average every year students present 60 papers in seminar and conferences. The college also offers financial assistance to the students to attend the conferences. Students are given special coaching for the classes they have missed and suitable adjustments in the examination schedule is provided if the dates overlap.

\* *Health centre, health insurance etc.*

The department of Physical Education ensures the physical well being of the students. The well equipped gymnasium in the campus is open from early morning until late in the evening. The students can utilize this facility free of charge. ***Students are also provided coverage under the health insurance.***

\* *Skill development (spoken English, computer literacy, etc.,)*

India's transition to knowledge based economy requires not only educated but also skilled human resources. This only determines the use of knowledge effectively. ***Hence the curriculum is developed with a focus on skill development.***

Courses offered to improve Communicative skills are:

- ◆ Bridge course in English during the one week orientation programme for the entrants
- ◆ Functional English structured to improve grammar and vocabulary offered as one of the options under Part II English
- ◆ A short term certificate course in Communicative English
- ◆ Business English Course to Management students organised with a tie up with British Council
- ◆ Availability of Language lab. facilities

\* *Performance enhancement for slow learners / students who are at risk of failure and dropouts*

- ◆ The slow learners are identified and are given remedial coaching after class hours.
- ◆ Group study with peers promoted.
- ◆ Students with learning difficulties are given counseling and encouraged to pursue their courses.

\* *Exposure of students to other institutions of higher learning/corporate/business houses, etc.*

- ◆ Students are taken on industrial visits, where they get an *opportunity to learn the functioning of industries related to their fields and also visit universities and other libraries*. To cite an example in 2012, the students of BBM International Business & Retail Management were taken for an Industrial Visit to the Management Development Institute of Singapore, where they attended a guest lecture and were given certificates from MDIS.
- ◆ Short duration training for PG and research students in advanced research techniques in nationalized laboratories.



\* *Publication of student magazines*

- ◆ Students regularly contribute articles in English, Tamil, Hindi, & French to the Annual College Magazine. The editorial board consists of student representatives as well.
- ◆ The Department of English and Tamil annually bring out in-house students' magazines - *Rhapsody* and *Thamizhcharal*. The editorial board of these consist exclusively of students.

**5.1.9 Does the College provide guidance / coaching classes for Civil Services, Defense Services, NET/SLET and any other competitive examinations? If yes, what is the outcome?**

The Career Guidance Cell oversees the planning and working out of the coaching classes for Civil Service and Banking Service examinations. The classes are handled by experienced faculty. The feedback given by the students proves that the classes were very helpful and that they have gained good knowledge and confidence to appear for the examination. However the outcome of such coaching classes is yet to be assessed, since none of the students have taken up the examination due to age limitation.

Coaching classes for NET/SLET and other competitive examination are conducted every year. The number of students taking up these examinations are on the increase and a few students have cleared the examinations.

**5.1.10 Mention the policies of the College for enhancing student participation in sports and extracurricular activities through strategies such as:**

**\* Additional academic support, flexibility in examinations**

- ◆ The sports students are given extra coaching whenever they miss classes and individual care is given.
- ◆ They are permitted to submit their assignments out of schedule due to their sports activities.
- ◆ Special supplementary examinations are conducted for such students .

**\* Special dietary requirements, sports uniform and materials**

- ◆ Students are provided with nutritious food, with an abundance of protein and vitamin contents. Cereals, ragi and egg are part of their daily diet.
- ◆ Team uniform, shoes and sports equipment like hockey stick, racquet, ball etc., and medical kit is provided to the students.

**\* Any other**

Scholarships and free boarding and lodging at the hostel are provided for the students participating at University, State, National and International level tournaments.

**5.1.11 Does the College have an institutionalized mechanism for placement of its students? What services are provided to help students identify job opportunities, prepare themselves for interview, and develop entrepreneurship skills?**

**Placement**

HR department of the College is in charge of the placement of the students. A separate committee is formed every year with faculty from every department as members, and the committee oversees the placement of the students. Students coming to the first year are given a course on Personality Development, which is outsourced. *The second and third years are given Career Excellence courses training them in the preparation of curriculum vitae , group discussion, and interview skills. The students are also prepared to face any written preliminary tests.*

**Entrepreneurship skill development**

There is an Entrepreneurship Cell that helps students identify their talent to start business on their own, and provide employment for many thus helping the society as a whole. *An Innovation and*

**Entrepreneurship Development Centre has been Established in 2009 with a fund of Rs. 11,35,000 from the National Science & Technology Entrepreneurship Development Board and DST, New Delhi.** 5 student projects are sponsored under this scheme every year. Two products 'Mobile Bug' and 'Textile design from animal sources' are awaiting patents.



**5.1.12 Give the number of students selected during campus interviews by different employers (list the employers and the number of companies who visited the campus annually for the last four years).**

S. No.	Company's Visited	Year wise no.of students selected			
		2008-'09	2009-'10	2010-'11	2011-'12
1	ACC Cement	—	—	—	4
2	AEE BEE Institute	—	—	83	91
3	Aircel	—	—	—	10
4	Apple Tree International	—	—	—	3
5	Ashok Leyland	—	—	—	2
6	Cognizant Technologies	34	77	34	39
7	Chandra Group of Companies	—	—	—	5
8	Digital Nirvana Info System	—	—	—	4
9	Ernst & Young	—	—	10	6
10	Ford India	—	8	6	16
11	GRG Institutions	4	—	—	5
12	HCL Technologies	1	—	—	133
13	Infosys	—	—	9	27
14	KEANE India	—	—	—	26
15	KGISL	13	15	13	19
16	Sharp Info Solutions	58	34	20	35
17	Standard Chartered Bank	—	—	10	25
18	Sutherland Global Services	—	—	35	8
19	TATA Consultancy Services	—	—	51	57
20	Thermax Limited	—	—	—	1



21	Wipro Technologies	3	4	7	7
22	Zifo Technologies	–	–	–	8
23	Wipro BPO	–	–	2	–
24	Infosys BPO	–	–	29	–
25	Sathyam	6	–	2	–
26	VWR	–	–	5	–
27	L&T	–	–	4	–
28	Tech Synergy	–	–	70	–
29	Cap Digisoft Technologies	–	–	54	–
30	Dell International	–	–	2	–
31	Seyone	17	28	–	–
32	RBS	6	8	–	–
33	Slash Support	–	20	–	–
34	Hewlett & Packard	–	14	–	–
35	PPTS	25	2	–	–
36	Perot	4	–	–	–
37	First Source	39	–	–	–
38	IBM	9	–	–	–
39	TATA AIG	79	–	–	–
40	TLC Insurance	31	–	–	–
41	PSG & Company	13	–	–	–
42	ICICI Prudential	48	–	–	–

**5.1.13 Does the College have a registered Alumni Association? If yes, what are its activities and contributions to the development of the College?**

Yes

Alumni Association provides several services to the current students and the institution, thus playing an active role in the furtherance of the cause of achieving academic excellence.

- ◆ Alumni share their expertise with the students by conducting /assisting in conducting seminar/ workshop/ guest lectures with their departments.
- ◆ Alumni render help in financing the studies of economically weaker section of students
- ◆ Honours the senior retiring faculty members
- ◆ Entrepreneurs from the alumni give guest lectures to motivate the budding entrepreneurs amongst present students

- ◆ Assist in fund raising event. An open auditorium on the occasion of the Golden Jubilee celebrations of the college has been built from the contribution of the alumni.
- ◆ Honours the Best Outgoing Student with a Gold Medal and prizes for students who excel in curricular and extracurricular activities every year.
- ◆ *The Alumni publishes a biannual e - newsletter 'Purple Heys' to keep informed alumni across the globe the latest developments in the institution.*



**5.1.14 Does the College have a student grievance redressal cell? Give details of the nature of grievances reported and how they were redressed?**

The College has a grievance redressal cell with Principal as the chair person and a senior faculty and Controller of Examinations as its members .

- ◆ Students' grievances dropped in the suggestion box are attended by the cell and corrective measures taken. The grievances reported were all minor issues such as requisition for the physical and material comfort of the students in the campus, like providing more telephone booths, better photostat facilities etc.,
- ◆ *Written representations related to Examinations are considered sympathetically to the benefit of the student.*

**5.1.15 Does the College have a cell and mechanism to resolve issues of sexual harassment?**

Sexual Harassment Cell is a component of the Women Studies Center of the College. So far there has been no issues on sexual harassment in the campus.

**5.1.16 Is there an anti-ragging committee? How many instances (if any) have been reported during the last four years and what action has been taken on these?**

There is an anti-ragging committee, that comprises of the Principal, a senior faculty member and a

faculty representing the SC community. There has been no instance of ragging reported in the last four years.

**5.1.17 How does the College elicit the cooperation from all stakeholders to ensure overall development of the students considering the curricular and co-curricular activities, research, community orientation, etc. ?**

The contribution of the stakeholders in the overall development of the student community is as follows:

**Management :**

- ◆ Providing the necessary Infrastructure facilities and a congenial ambience,
- ◆ An ideal teaching learning environment with the required man power
- ◆ Financial assistance by way of scholarships, providing concession in fees and free lunch to needy students
- ◆ Promoting research skills by providing financial assistance to students presenting papers in conferences.

**Students :**

- ◆ The students are encouraged to participate in all co curricular activities in addition to academics.
- ◆ *They are permitted to voice their views in the Class Committee Meetings held twice in a semester. The discussion is focused on issues in syllabus, classroom management, teaching efficiency of faculty and extra - curricular activities.*

**Alumni :**

- ◆ The Alumni help the students in several ways.
- ◆ They give special guest lectures in the field of their expertise.
- ◆ They also sponsor a Gold Medal annually for the Best Outgoing Student, and prizes for the runners up.
- ◆ *Sponsor scholarship for economically weaker students*

**Parents :**

- ◆ Regular Parent Teacher Meets are held, where the parents express their opinions for the better performance of their wards.

- ◆ The parents are able to view the progress of their wards online, especially their attendance and marks secured.

**5.1.18 What special schemes/mechanisms are in place to motivate students for participation in extracurricular activities such as sports, cultural events, etc?**

- ◆ The Fine Arts Club of the College encourages students to take part in Inter collegiate Cultural Meets.
- ◆ The Student Forum has various associations of the Departments such as the Literary & Debating Association, the Humanities Club, the Quiz Club etc., where various competitions are conducted throughout the year to hone the talents of the students.
- ◆ Faculty take extra care to identify students with such talents and motivate them to participate in relevant events.
- ◆ College takes an initiative to admit students proficient in sports by-passing certain regulatory norms
- ◆ Several incentives such as concession in term fees, free uniform, nutritious diet etc., are given to students proficient in sports. Hence students having an inclination in such activities volunteer to participate in sports
- ◆ All the students who represent the College on various platforms are specially coached and they are helped to catch up with the classes missed.



**5.1.19 How does the College ensure participation of women in 'intra' and 'inter' institutional sports competitions and cultural activities? Provide details of sports and cultural activities in which such efforts were made?**

The College is a Women's College, therefore the incentives as described above motivates students to participate in sports and cultural events.

- ◆ Intra College competitions – Quiz, Debates, Short story or Poetry composing, Drama, Dance etc.,

- ◆ Inter Collegeiate Competitions - Dance, Street plays, Music, Debates, Quiz etc.,
- ◆ Sports – Basketball, Volleyball, Handball, Football, Kho-kho, Badminton, Hockey, Track and field events.

## 5.2 Student Progression

**5.2.1 Provide details of programme-wise success rate of the College for the last four years. How does the College compare itself with the performance of other autonomous Colleges / universities (if available)**

**Refer ANNEXURE VI**

**5.2.2 Providing the percentage of students progressing to higher education or employment (for the last four batches) highlight the observed trends.**

Student progression %	2009	2010	2011	2012
UG to PG	38.25	33.76	52	38.7
PG to M.Phil.	30.6	18.8	26.5	21.16
PG to Ph.D.	10.5	15.7	24	21.5
Employment - ◆ Campus selection	35.88	40.4	35.83	37.13
◆ Other than campus recruitment	26.85	21.37	26	18.12

**Students opting for research programmes particularly Ph. D is on the increase at present.**

**5.2.3 What is the Programme-wise completion rate/dropout rate within the time span as stipulated by the College/University?**

Programme	2006-09		2007 -10		2008-11		2009-12	
	Completion rate	Drop out rate	Completion rate	Drop out rate	Completion rate	Drop out rate	Completion rate	Drop out rate
UG								
B.A Eng. Lit	100	17	84	0	98	12	98	2
B.A Economics	100	20	100	20	95	15	96	8
B.A History	90	13	100	13	94	38	91	9
B.Sc Maths	100	5	100	4	100	7	98	2
B.Sc Physics	100	3	100	19	94	0	100	7
B.Sc Chemistry	100	7	100	15	96	7	98	9

Programme	2006-09		2007 -10		2008-11		2009-12	
	Completion rate	Drop out rate	Completion rate	Drop out rate	Completion rate	Drop out rate	Completion rate	Drop out rate
UG								
B.Sc PB & BT	100	13	100	3	100	7	98	8
B.Sc AZ & BT	100	26	100	8	0	2	95	14
B.Com	99	6	98	3	99	8	97	2
BBM	98	5	100	9	100	18	98	5
B.Sc Comp. Sci	100	0	100	2	100	4	100	3
BCA	100	5	100	2	100	7	100	5
B.Sc IT	-	-	100	2	100	8	100	20
B. Sc (ISM )	-	--					100	11
B.Com CA	100	0	100	8	100	2	100	3
B.Com e - Com	100	8	100	0	100	6	100	2
B.Com AM	100	11	100	7	100	2	98	3
B. Com (PA)	--	--		--	--		100	6
BBM IB	98	0	100	9	95	18	100	10
BBM RM	-	-	100	11	100	8	98	10
PG								
M.A Eng. Lit	97	0	100	0	100	2	100	0
M.A History	-	-	100	--	--	--	88	--
M.Sc Chemistry	100	4	100	4	100	3	98	7
M.Sc PB & BT	100	18	100	7	100	6	100	14
M.Sc Maths	96	1	88	1	100	1	97	0
M.Sc Org. Che	100	0	100	0	100	0	--	8
M.Sc MBT	100		100	---	100	--	87	--
M.Com	100	6	96	7	94	11	88	14
MBA	100	--	100	--	100	--	99	--
MCA	100	--	100	--	98	---	97	--

**5.2.4 What is the number and percentage of students who appeared/qualified in examinations like UGC-CSIR-NET, UGC-NET, SLET, ATE/CAT/GRE/**

Particulars	Number Appeared	Number Qualified	Percentage
UGC-CSIR-NET	35	nil	0
UGC -NET	35	nil	0
SLET	142	17	11.97
ATE / CAT / GRE / TOFEL / GMAT / CENTRAL / STATE SERVICES, DEFENCE, CIVIL SERVICES	112	62	55.37

*TOFEL / GMAT / Central / State Services, Defense, Civil Services, etc.*

**5.2.5 Provide details regarding the number of Ph.D /D.Sc./D.Litt. thesis submitted, accepted, resubmitted and rejected in the last four years**

Department	No. of Ph. D submitted	No. of Ph.D accepted	No. of Ph.D /D.Sc/ DLITT resubmitted	No. of Ph.D /D.Sc/ DLITT rejected
English	8	8	-	-
Economics	1	1	-	-
Mathematics	2	2	-	-
Chemistry	3	3	-	-
Botany	9	9	-	-
Commerce	7	7	-	-
Management	-	-	-	-

**5.3 Student Participation and Activities**

**5.3.1 List the range of sports and games, cultural and extracurricular activities available to students. Provide details of participation and program calendar.**

Sports – Basketball, Volleyball, Handball, Football, Kho-kho, Badminton, Hockey, Track and Field events

Refer ANNEXURE VIIa and VIIb. for details

**5.3.2 Provide details of the previous four years regarding the achievements of students in co-curricular, extracurricular activities and cultural activities at different levels: University /State/Zonal/National/International, etc.**

Refer ANNEXURE VIII a and VIII b for details.



**5.3.3 How often does the College collect feedback from students for improving the support services? How is the feedback used?**

The College collects online feedback once a year from the students. The feedback is analyzed and the necessary corrective measures are undertaken. Some of the support services provided based on the feedback are as follows:

- ◆ Additional drinking water facilities provided
- ◆ Extension of working hours of the library
- ◆ Better rest room facilities
- ◆ Classrooms provided with fan.

**5.3.4 Does the College have a mechanism to seek and use data and feedback from its graduates and employers, to improve the growth and development of the College?**

The college Placement Cell maintains a personal contact with employers and receives oral feedback. The formal feedback is collected periodically in hard copy. The outgoing graduates feedback is very crucial for the development of the college and their valuable suggestions are looked into. The feedback thus received has helped the college to evolve a plan to render the students employable by organizing programmes on employable skills to enhance employability.

**5.3.5 How does the College involve and encourage students to publish materials like catalogues, wall magazines, College magazine, and other material? List the major publications/ materials brought out by the students during the previous academic session.**

Students play a proactive role in the publication of the Annual College Magazine. Articles by the students in English, Tamil, Hindi and French are published. The Department of English also publishes 'Rhapsody', an Annual Magazine, the editorial board of which comprises of only students.

**5.3.6 Does the College have a Student Council or any similar body? Give details on its constitution, major activities and funding.**

The college has a Students Forum with a President, Vice President, General Secretary and Secretaries of the various associations. In addition there are certain associations with specific purpose like Quiz Club, Fine Arts Association, Athletic Association etc. The first



three posts as well as the secretaries of associations with specific activities are selected by election and the secretaries of the Department Associations are elected unanimously.

Each association conducts academic and co curricular activities throughout the year for example the Literary & Debating Association conducts debates, oratorical & dramatic competitions, the Naturalists Association conducts environment awareness programmes and other competitions.

The Management funds the Student Forum programmes.

***5.3.7 Give details of various academic and administrative bodies that have student representatives on them. Provide details of their activities.***

- ◆ Academic council
- ◆ Board of Studies
- ◆ Students' Forum and its constituent associations.
- ◆ Editorial Board of college magazines and in-house magazines.

## CRITERION VI : GOVERNANCE, LEADERSHIP AND MANAGEMENT

### 6.1 Institutional Vision and Leadership

#### 6.1.1 State the vision and mission of the College.

##### *College Vision*

To mould a future generation of empowered women through sound education, adhering to the underlying principles of truth and traditional values, revitalized by scientific outlook and strengthened by moral and social responsibility.

##### *College Mission*

The Institution aims at the all round development of the students, empowering them with entrepreneurial and decision making skills by providing an excellent academic environment, inculcating values of discipline, dignity, dedication and devotion to higher causes along with sportsmanship to make them better citizens.

#### 6.1.2 Does the mission statement define the College's distinctive characteristics in terms of addressing the needs of the society, the students it seeks to serve, College's traditions and value orientations, vision for the future, etc.?

The institution aims at the wholesome development of all the learners empowering them with all the necessary skills to compete effectively in the globalised era. A futuristic goal which is aptly summarized by the founder visionaries of the institution as the motto of the GRG Trust - '**Educate to Empower**'. The institution keeps up the traditions in an atmosphere of modernity as facilitated by the restructured curriculum that lays emphasis on **nurturing human values**. All the objectives of the higher education are brought out in a 'nut shell' in the mission statement.

#### 6.1.3 How is the leadership involved in

- \* *ensuring the organization's management system development, implementation and continuous improvement*
- \* *interaction with stakeholders*
- \* *reinforcing culture of excellence*
- \* *identifying needs and championing organizational development (OD)?*

Organisation's management system development is ensured by

- ◆ Setting the direction of development through prefixed 'Targets' for the year long activities.

- ◆ Decentralization of activities - academic and administrative through appointed Deans , Heads of Departments, COE and Office Superintendent
- ◆ Decision making through IQAC and various statutory and non statutory committees,
- ◆ ***Implementation of the decisions through proper planning and great care with utmost precision.***

The leadership systems of the institution is very vigilant and sensitive to changes in the educational scenario. Through feedback, interactions with stakeholder of higher education, class committee meetings, PTA meetings and institute - industry interface etc., higher targets to meet the present day trends are set up. ***All these contribute to the quality up-liftment of the institution by reinforcing the culture of excellence.***

***6.1.4 Were any of the senior leadership positions of the College vacant for more than a year? If so, indicate the reasons.***

No.

***6.1.5 Does the College ensure that all positions in its various statutory bodies are filled and conduct of meetings at the stipulated intervals?***

Yes.

***6.1.6 Does the College promote a culture of participative management? If yes, indicate the levels of participative management.***

The governance of the college is participatory, since it ***involves decision making at various levels – the top down method from the management down to all academic and administrative units.*** The various committees involved in decision making are the Governing Body, College Committee and Academic Council – the statutory committees of the highest level followed by IQAC and College Council. The other non-statutory committees include Admission Committees, Library Committees, Research Committees, Extra curricular activities Committees etc., in addition temporary committees like Magazine Committee, Accreditation Committee etc., are need based ones. Faculty are members of all the committees and there are student representatives in some of the committees like Academic Council, Library Committee etc. ***Hence the college promotes a participatory role of the student, and faculty members in all its academic and non – academic activities – all leading to the multifaceted development of the institution.***

***6.1.7 Give details of the academic and administrative leadership provided by the University to the College?***

Since the institution is an autonomous institution, it has the academic freedom to frame its

curriculum, syllabi and conduct of examinations. However representatives from Bharathiar University are members of the Boards of Studies of all the disciplines and academic council and are involved in the formulation and revision of the syllabi and other academic procedures. In the Result Passing Board as well as in the Governing Body the university representatives play an active role in all its proceedings.

#### **6.1.8 How does the College groom the leadership at various levels?**

All members taking up teaching as a career has a certain level of leadership qualities but it has to be further developed and fine tuned. The following faculty development programmes were organized over the past four years.

S. No.	Date	Particulars	Beneficiaries
1	7&8. 11.08	Emerging Trends in Business Leadership: Strategies for Success	18
2	21 to 25.01.11	Capacity Building of Women Managers in Higher Education	30
3	21&22.12.11	Emerging Dimensions in Business Leadership	30

On an average 30 members per year are attending such 'Leadership Programmes' conducted by the other institutions.

*Faculty are given the responsibility to plan and organize programmes at the department level and college level, which provides them the confidence and augments their leadership qualities. This has proved to be a successful practice.*



#### **6.1.9 Has the College evolved any strategy for knowledge management? If yes, Give details.**

Yes. In order to provide better services to students and community the following strategies have been evolved and practiced successfully:

- ◆ Creating effective learning environment to support teaching- learning – Adequate infrastructure facilities have been created and faculty members are also trained in using ICT facilities.
- ◆ Motivating the academic community – faculty and students to share their knowledge –

This is achieved through:

- Student seminars and internal seminars / lectures for the faculty members.
- Faculty involved as resource persons for seminars, guest lectures etc.
- Faculty offering consultancy services
- ◆ Creating Knowledge Repositories :
- Maintaining documents for an exclusive use as Annual report, Commission report, Budget etc.
- Learning material like papers presented in seminars, proceedings of the seminar, old question papers, syllabi of universities and autonomous colleges etc., accessible to students and faculty
- Research documents – student projects, Ph.D / M. Phil thesis , project reports, etc.

Such a knowledge management system helps to boost the efficiency and quality of graduates and the faculty members.

#### **6.1.10 How are the following values reflected in various functions of the College?**

- \* ***Contributing to national development***
- \* ***Fostering global competencies among students***
- \* ***Inculcating a value system among students***
- \* ***Promoting use of technology***
- \* ***Quest for excellence***

#### **National Development**

***The mission and vision of the college focus on shaping the students to become responsible and committed citizens who will steer the nation towards prosperity.*** All our activities are directed by this goal. ***Academically strong, artistically groomed, disciplined leadership, techno – savvy women with man – making ability are ingrained in our students depending on their natural flair.*** The variety of options in the curriculum are the tools. The cultural events are organized platforms for honing their talents, be it scheduling, planning or implementation. The employability skills are sharpened through skill – based courses, Communicative English programmes, entrepreneurial ventures, entrance coaching, need – based programs that enable them to stand on their legs. Campus routine provides exposure to meet experts, to interact and prepare for the tough life ahead. ***'Educate to empower'*** is the motto of the institution. Empowering a girl leads to empowerment of the family and the society, the state and the country get enriched. These ripples become bigger and bigger tending to encompass the globe. ***Our alumni spread over the world are our brand ambassadors***

***taking the campus to the wide world beyond.*** The last four years have been particularly rewarding with awards, recognition and vertical climb for students, faculty and the institution.

### ***Fostering global competencies***

Our curriculum involves learning through video conferencing, guest lectures, e – learning, expert talks, self study, industry – institute interface that throw open the gates to the whole world. Personality development programmes, de-stressing techniques through yoga and meditation are mandatory. Entrepreneurship through the IEDC unit, besides being taught in the class – room ***provide scope for creativity, and are occasions, to measure one's own performance in relation to the other.*** In sports our students excel at the district, state,

national and international level. Group projects and individual projects give room for building up ***competencies in learning, understanding, analytical and reasoning mind and technical skills.***

### ***Inculcating a value system:***

The college ambience is tradition bound, giving importance to hierarchy. The entire administration is participative and transparent from the Governing Council to the Students Forum, all actions permeating in a top – down fashion which is similar to a joint family set up. ***At every step importance is attached to values. The GSC, WSC & ASC take up community programmes and these measures enrich the students' life along with personal values like tolerance, charity, obedience and discipline.*** The mentor – mentee system gives guidance to see the right side of their actions. Value Education is introduced in the UG syllabus that includes a project work. ***This gives students the opportunities to reflect on values and their impact.***

### ***Promoting the use of technology***

Technology has invaded the class – rooms so much so that life would be drab without technological tools. The campus has Wi- Fi connectivity, thus enabling access to ***technology within reach.*** Certain programmes are equipped with smart classroom. Besides AV room, e – studio, multimedia halls, ICT enabled conference halls are all within reach of students and faculty. With the government issuing free laptops to certain sections of students – learning from the net is an everyday affair. Video – conferencing sessions are held regularly and all students are exposed to this facility.





Opportunities are given to the students to make a power point presentation of their project work along with a question and answer session, on which they are partly assessed in group projects and individual projects. ***The MBA / MCA departments make use of Moodle Software for teaching – learning.***

Besides the campus is connected internally through a CMS wherein student attendance, internal marks, work load, class – room arrangements are all entered and monitored. The examination section is fully automated and publishes results on the net. The college website is active. ***Days are not far off when students and faculty would drop the idea of using note – books / text books.***

### **Quest for excellence**

Excellence is not a station to arrive at ***but a state where quest never ends.*** We, at Krishnammal are thirsting for new methodologies, better system of teaching – learning in tune with the times, cosmopolitan mix of students and faculty, online exams, better standards of research and to render entrepreneurship as a way of life. Besides our vision aims at providing a ***scientific outlook against a background of sound education with the retention of traditional values and so the search continues.....***

#### **6.1.11 Give details of the UGC autonomous review committee's recommendations and its compliance.**

The review committee's report is positive and they have extended the autonomous status for a further period of 7 years. Recommendations of the commission and actions initiated to fulfill the same are listed below.



S. No.	Recommendations	Action taken
1	Faculty should participate in FDP in a greater degree	Faculty Development programmes are organised by the college by out- sourcing the resource personnel from reputed organizations, so that many faculty members are provided an opportunity to attend such programmes.
2	Participation of faculty in refresher courses, orientation programmes and activities conducted by other states	Faculty are participating in such programmes within the state. Number of faculty undertaking such programmes in other states is limited. This will be improved in future.
3	More efforts from faculty to support the students appearing for NET, SET etc	Faculty members are involved in NET, SET coaching classes. For some of the other competitive examinations classes are organised with competent external members
4	UG, PG laboratories to be separated and space allotted for research laboratories	There are separate UG and PG laboratories in all the science departments. There are exclusive research laboratories in departments actively involved in research. Centralised instrumentation facilities catering to the needs of all the science departments have also been established.
5	To upgrade research publications in journals with high impact factor.	It is being done and will be improved further.
6	To increase books on research and research Journals.	There is provision to access a number of e-journals and adequate number of research manuals are also available in the departments.

## 6.2 Strategy Development and Deployment

### 6.2.1 Does the College have a Perspective Plan for development? If so, give the aspects considered in development of policy and strategy.\* Teaching and learning

- \* *Research and development*
- \* *Community engagement*
- \* *Human resource planning and development*
- \* *Industry interaction*
- \* *Internationalisation*

*The college in its 50<sup>th</sup> year of existence has chalked out an ambitious plan for its development in future based on the feedback collected from its stakeholders and the current scenario in higher education*

### **Teaching and learning :**

- ◆ To provide students with the required capabilities to use IT both critically and wisely
- ◆ Regular use of ICT in classroom teaching
- ◆ ***Collaborating learning of students with the use of 'Cloud Computing' technology.***

### **Research and Development :**

- ◆ To undertake real life project so that the students match the knowledge gained in classroom with the real life experience
- ◆ To popularize the research journal published amongst the scientists at the national and international level.
- ◆ To mobilize funds from international agencies by establishing a tie up with more foreign universities, thus enabling mobility of students and faculty at international level.
- ◆ To strength consultancy services

### **Community Engagement**

- ◆ Establishing a Women Technology Park in the adopted village with funding from DST to develop more women entrepreneurs.
- ◆ ***To strengthen further the Geriatric Care program*** and make provision for Care for the Aged Centre.
- ◆ To mobilize funds from foreign agencies for community based programmes.

### **Human Resource Planning :**

- ◆ To make organized effort to popularise traditional courses
- ◆ Aim for cent percent placement
- ◆ ***To develop a brand identity for the institution through academic and administration reforms.***
- ◆ To instill the spirit of entrepreneurship among students and develop them as model entrepreneurs.
- ◆ ***To promote the concept of campus-company for marketing the products of entrepreneurs.***

### **Industry Interaction :**

- ◆ To develop industry ready human resources to promote employability,
- ◆ ***To develop curriculum in collaboration with industries, for traditional courses, as well as contemporary courses.***

**Internationalization :**

- ◆ To develop curriculum of international standards
- ◆ To introduce semester abroad programmes, twinning and dual degree programmes in collaboration with foreign universities
- ◆ *To motivate students and faculty to avail the opportunities facilitated by the MoUs established.*



**6.2.2 Enunciate the internal organizational structure of the College for decision making processes and their effectiveness.**

The organisational structure of the college includes the Secretary, Principal, Advisory Board comprising of Deans of diverse areas of academic and administration, Heads of Departments, Statutory and Non Statutory committees, Student Forum and its constituent associations. The management with principal as the ex- officio member and a galaxy of academicians, Industrialists, alumni, senior faculty members and representatives of UGC and Bharathiar University with the Managing Trustee as the chair person constitute the Governing Body of the college which is endowed with supreme power to oversee all the developmental activities of the college including policy decisions, faculty recruitment and financial management. Principal has the freedom to take the key decisions under the broad guidelines set out by the Governing Body. Dean / Directors of different faculties, CoE, Heads of the departments and all the faculty members participate in the decision making process. Though Student Forum is not directly involved in policy decisions, they have the freedom to express their views and provide suggestions through the suggestion box, class committee meetings and feedback services. Principal is the administrative head and academics, research, administration, and extension activities are the four wings, each headed by one or more deans. *IQAC and ISO occupy a pivotal position and co-ordinates at various levels contributing to the organized development of the institution to excel in all its activities.*

**6.2.3 Specify how many planned proposals were initiated/implemented, during the last four years. Give details.**

S.No	Particulars	Year
<b>Implemented</b>		
<b>Academic</b>		
1	- Introduction of new programmes UG -B. Sc (Information Systems Management)	2009

S.No	Particulars	Year
	B. Com ( Professional Accounting )	2009
	B. Com ( Finance & Accounting )	2012
	PG - M. Sc (CS) and M. Sc (IT)	2011
	M. Sc ( Physics )	2011
2	New job oriented courses(9)	2008-2011
3	Additional batch of BCA	2008
4	Change of nomenclature of B.A Economics	2008
5	Certificate course with Industry oriented curriculum	2013
<b>Infrastructure</b>		
6	Classroom blocks with 46 classrooms	2012
7	Bifurcation of the library .	2010
8	AC Board room to hold executive meetings.	2012
9	Renovated faculty rooms& improvement in sports infrastructure	2012
10	Open auditorium to seat 4000 members	2012
<b>Research</b>		
11	Departments upgraded as research departments- Tamil, Hindi	2012
12	Increased intake of students for research in Mathematics, Commerce, Botany & Chemistry	2008 2009
13	Constituting a Research Advisory Board	2010
14	Publication of research journals	2009
	Major Projects ( 15 )	2008-2012
	Minor Projects ( 9 )	2008-2012
15	Online Publication of results	2009
16	Special supplementary examination for sports, athlets etc.,	2010
17	Multiple question papers for certain courses	2010
18	Question paper pattern to test different level of understanding of the students	2011
<b>Administration</b>		
19	New positions created Dean, Academic Affairs Dean, Student Support	2012

	Dean, Academic Support & Alumni Relations	
	Dean, extension Activities	
20	Establishment of Career Development Centre.	2009
	a. Coaching classes for Civil Services Examination	2009
	b. Coaching classes for NET / SET.	2009
	c. Coaching classes for Banking Services	2011
	d. Coaching classes for preliminary examination of CA, ICAI & ACS.	2010-2012
21	Introduction of short term courses on Geriatric Care	2011
<b>General</b>		
22	CPE status	2012
23	Assistance under Star College Scheme for science courses	2012
24	Department of Botany elevated as DST sponsored department under FIST scheme	2009
25	Financial assistance from DST at 'O' level	2011
26	Establishment of GRG – IEDC	2009
27.	Establishment of e-Cell	2011
<b>Initiated</b>		
28.	Women Technology Park	2012

**6.2.4 Does the College have a formally stated quality policy? How is it designed, driven, deployed and reviewed?**

**Quality Policy of the Institution**

***The institution is committed to provide a conducive academic environment for creating competent, self reliant and socially responsible professionals to meet the emerging needs of the Industry and society by continually improving the teaching standards and infrastructure***

The Quality Policy designed reflects the vision of the college that is its commitment with a high degree of social sensitivity to make the institution a Centre of Excellence. This is done by providing a congenial learning ambience with 'quality' as a benchmark in all its ventures. This is institutionalized by the ISO audit. ***Besides, the IQAC strives to design strategies to sustain quality through policy planning by setting targets for every year, implementation of the plans as assessed by achievements and measurement of all the activities of the institution through academic audit, peer review and feedback services.*** Further, volunteering for reaccreditation once in five years also help to review the quality policy of the institution

**6.2.5 How does the College ensure that grievances / complaints are promptly attended to and resolved effectively? Is there a mechanism to analyse the nature of grievances for promoting better stakeholder-relationship?**

There is a Grievance Redressal Cell with Principal as the chair person, Controller of Examinations and a senior faculty member. It solves the examination related grievances of students. Since the system is very transparent students are at liberty to submit their grievances in writing which is immediately attended and amicable solution is arrived at.

**6.2.6 Does the College have a mechanism for analyzing student feedback on institutional performance? If yes, what was the institutional response?**

Online feedback based on a structured format is obtained from all the students once in a year. This is used for improving the professional competency of the teachers, restructuring the curriculum, updating the syllabi and improvement of administration and other support services.

**6.2.7 In what way the affiliating University helped the College to identify the developmental needs of the College?**

Developmental needs are identified from the feedback of the stakeholders and by closely watching advances in the field of higher education and the changing needs of the society. The university plays a supportive role.

**6.2.8 Does the affiliating university have a functional College Development Council (CDC) or Board of College and University Development (BCUD)? If yes, In what way is College benefitted.**

Yes. Any proposal pertaining to the developmental activities of the college that is submitted to the UGC need to be routed through BCUD. Forwarding these documents to the stipulated destination is done promptly, thus helping the institution to submit the proposal in time.

**6.2.9 How does the College get feedback from non-teaching, teaching, parents and alumni on its functioning and how is it utilized?**

Feedback is obtained in a structured format and it is used for the betterment of the institution.

**6.2.10 Does the College encourage autonomy to its academic departments and how does it ensure accountability?**

Yes.

The academic departments are given the freedom to carry on all its activities such as

- ◆ To frame the syllabi for the various courses offered by them.
- ◆ Organizing guest lectures , conduct of seminars, mobilizing funds for the seminar and



handling finance etc.

- ◆ Matters pertaining to submission of research proposals to funding agencies, purchase of equipments etc.
- ◆ Planning extension activities and implementing the same etc.

*Accountability is ensured through ISO audit. Up gradation of ISO certification from ISO 9001:2000 to ISO 9001:2008 has helped the departments in developing, implementing and improving the effectiveness of the quality management system, so as to enhance customer satisfaction by meeting customers' requirements – 'customers' being the students.*

#### **6.2.11 Does the College conduct performance auditing of its various departments?**

Performance appraisal is conducted every year by an online self appraisal of the faculty and appraisal by HoD/ Principal. Students appraisal of faculty also carries weightage. Faculty of self financing courses are assessed by a team of external experts.

### **6.3 Faculty Empowerment Strategies**

#### **6.3.1 What efforts are made by the College to enhance the professional development of teaching and non teaching staff?**

##### **Teaching Staff**

- ✱ Permitted to attend orientation programmes and refresher courses conducted by the university.
- ✱ Orientation programme for the newly recruited staff are conducted by the senior faculty members.
- ✱ Refresher courses sponsored by Science Academia conducted by all the science departments with 30 participants in each course
- ✱ Training to faculty in e-content development

Details of certain Professional Development Programmes organized is as follows:

S. No.	Date	Particulars	Co-ordinator
1	7&8-11-08	Emerging Trends in Business Leadership : Strategies for Success	Prof.S.Balasubramanian, Director, GRGSMS
2	8-12-10	International Financial Reporting Standards: A Roadmap for Future	Prof.S.Balasubramanian, Director, GRGSMS
3	8-2-11	Best Practices in Performance Management Systems	Dr. B. Sripirabaa, GRGSMS
4	21&22-12-11	Emerging Dimensions in Business Leadership	Prof.S.Balasubramanian, Director, GRGSMS



S. No.	Date	Particulars	Co-ordinator
5	25-12-12	'Communications' and 'Blooms Taxonomy'	Prof.S.Balasubramanian, Director, GRGSMS
6	28-03-12	Financial Inclusion - Way for Inclusive Growth	Ms. R. Savitha, GRGSMS
7	19 & 20-10-12	Emerging Trends in Business Leadership	Prof.S.Balasubramanian, Director, GRGSMS
8	03-11-12	Employee Engagement Strategies	Dr. J. Anitha, GRGSMS
9	30-12&1-11-12	Business Research - The Process	Dr. Sripirabaa & Dr. J. Anitha, GRGSMS
10	25 & 27-09-08	Best Practices in Software Engineering	Faculty -MCA
11	11 & 12-02-10	Mat- Lab Fundamentals	Faculty -MCA
12	30 & 31-03-12	Workshop on LATEX	Dr. Emmanuel Jebaraj
13	25 to 27-09-12	Leadership Programme	Acyharya-Zeal
14	July 2011	Leadership Programme	Smart Gurus

### **Non Teaching staff**

- ◆ Computer literacy programme
- ◆ Personality development programme

#### **6.3.2 What is the outcome of the review of the Performance Appraisal Reports? List the major decisions.**

- Provides an opportunity for the faculty members to know their strength and weaknesses.
- Highly rated faculty members are awarded by the management.
- Enrichment programmes are organised for faculty with low score, thus providing an opportunity to improve.
- *Since the award goes only to senior faculty members a scheme to recognize the faculty in the middle category is drawn out for the current year.*



#### **6.3.3 What are the welfare schemes available for teaching and non teaching staff? What percentage of staff have availed the benefit of such schemes in the last four years?**

Faculty of the aided stream have the facility to avail loan from PF, festival advance for their welfare

etc. Administration of the college facilitates timely dispersal of funds. Management and staff club extend a helping hand to faculty in the self financing stream. 20% of teaching faculty and 80% non teaching faculty have made use of such resources.

#### **6.3.4 What are the measures taken by the College for attracting and retaining eminent faculty?**

Eminent faculty are retained by reappointing them in the capacity of Dean, Academic affairs. Dean, Student Affairs, Dean, Alumni Relations , Controller of Examinations etc. ***The bondage they have developed with the institution over the years help in retaining the faculty.*** Congenial working atmosphere and academic freedom without any interference are other strategies.

#### **6.3.5 Has the College conducted a gender audit during the last four years? If yes, mention a few salient findings.**

Since the institution lays emphasis on developing humanitarian values amongst its stakeholders at all levels ,no gender issues have surfaced so far. Hence there was no need for such an audit.

#### **6.3.6 Does the College conduct any gender sensitization programs for its staff?**

Yes. The Centre for Women Studies is taking the initiative to organize such programmes.

#### **6.3.7 What is the impact of the University's UGC-Academic Staff College Programmes in enhancing competencies of the College faculty?**

- ◆ Helps in updating the curriculum and syllabus.
- ◆ Provides an exposure to interdisciplinary areas.
- ◆ Improves teaching skills and strengthens teaching pedagogy
- ◆ Keeps in touch with more recent developments in its field of specialization

### **6.4 Financial Management and Resource Mobilization**

#### **6.4.1 What is the institutional mechanism to monitor effective and efficient use of financial resources?**

The financial outlay and budget planning for every academic year is conceived before the end of the previous financial year. ***Budget planning takes into account the academic planning and proposed activities of the academic year.*** Tuition fees and special fees constitute the key source of fund for every year. In addition, the college also mobilizes funds through grants received from central government funding agencies and state government for specific purposes. The college is also on the look out for various sources to mobilize additional funds for its developmental activities. The finance committee with Principal as the chair person ensures proper co-ordination between the various activities of the college and the expenditure incurred by the administrative wing and the departments.

**6.4.2 Does the College have a mechanism for internal and external audit? Give details.**

There is an internal audit by the auditors approved by the management and external audit by auditors representing the government.

**6.4.3 Provide audited income and expenditure statement of academic and administrative activities of the previous four years.**

Refer Enclosure 14.

**6.4.4 Have the accounts been audited regularly? What are the major audit objections and how are they complied with?**

Yes. For the aided stream auditing has been completed only till the academic year 2007-08,

**6.4.5 Narrate the efforts taken by the College for resource mobilization.**

- ◆ Since the institution is a grant-in-aid institution, it receives the plan period grants from the University Grants Commission.
- ◆ Autonomous status entitles autonomous grants from UGC.
- ◆ Grant from UGC for the CPE status.
- ◆ Resource mobilization through research activities.

Efficient management of research activities in the campus through decentralization has paved the way for fund mobilization by submitting proposals to various funding agencies for various purposes such as

- **Conduct of seminar – Grants upto ₹10 lakhs mobilized** from UGC, CSIR, MoEF, DBT, DST, ICSSR, NABARD, ICHR etc.
- **Minor and Major research projects- upto ₹1 Crore** from UGC, DST, DBT, TNSCST, TANSCH, DRDO, ICSSR etc.
- **Grant under 'FIST' scheme to Department of Botany** and for the college at 'O' level – ₹94 lakhs.
- Grant for all the science departments under the '**Star College Scheme**' - ₹44 lakhs.

**6.4.6 Is there any provision for the College to maintain the 'corpus fund'? If yes, give details.**

The college is maintaining a corpus fund of ₹10 lakhs to promote its research activities.

## 6.5 Internal Quality Assurance System

### 6.5.1 Does the College conduct an academic audit of its departments? If yes, give details.

Yes. Subject experts conduct an academic audit of the college programmes with special reference to curriculum, syllabi prescribed for different courses, student enrolment, question paper pattern, evaluation procedures, research output, consultancy and participation in extension activities by faculty and students and the progress made by the department over the years in all its activities.

#### Procedure:

- Development of an audit plan - To prepare a self review report by providing the background information of the department which is sent to the team of auditors in advance.
- Necessary documents such as curriculum, syllabus, publications, departmental documents etc., to be provided by the department during auditing.
- Discussion with the HoD, faculty & students are undertaken.
- Audit Report is submitted to Principal
- Audit Reports discussed at the IQAC meetings and follow-up measures undertaken.

### 6.5.2 Based on the recommendations of academic audit what specific measures have been taken by the College to improve teaching, learning and evaluation?

Recommendations of academic audit	Action taken
Teaching - learning CD facilities to be made available in classroom to enhance computer aided teaching	Classrooms are provided with LCD facilities.
Inclusion of practicals for computer based courses.	Computer based courses with practical session for the skill based component of the UG curriculum.
To establish centralized lab. with qualified technical assistance for science departments.	Centralized lab with qualified technician established.
Internet facilities with higher band width to be provided preferably, Wi-Fi facilities.	Facilities are made available to both students and faculty.
Weightage for internal assessment to be increased	Increased from 25 : 75 to 40 : 60 for PG and only for practical components of UG programmes.

**6.5.3 Is there a central body within the College to continuously review the teaching learning process? Give details of its structure, methodologies of operations and outcome?**

Yes. The Internal Quality Assurance Cell is headed by Principal with a co-ordinator and members from outside drawn from industry and academia and internal members. It reviews teaching –learning processes through the class committee meetings conducted periodically and annual feedback services conducted regularly.

**6.5.4 How has IQAC contributed to institutionalizing quality assurance strategies and processes?**

Quality assurance strategies institutionalized by IQAC in relation to the core functions of higher education namely teaching and learning ,research and community oriented services are as follows :

**Teaching and Learning :**

- ◆ Offering programmes that are in demand thus promoting a variable profile.
- ◆ **Restructuring the curriculum directed towards the holistic development of students.**
- ◆ **To make optimum use of ICT in teaching – learning.**
- ◆ Conventional teaching to be supplemented by seminars, guest lectures, workshop etc.,

**Research :**

- ◆ Constituting a Research Advisory Board.
- ◆ Mobilisation of resources at individual level , department level and college level.
- ◆ To promote research in inter disciplinary areas.

**General :**

- ◆ **Incentive for good performance of faculty – with reference to all the core functions.**
- ◆ Setting the target in the core functions and assessing the achievements at the end of the year.
- ◆ To undertake quality audit.
- ◆ To focus on producing women entrepreneurs.

**Community Oriented Services :**

- ◆ Conduct of social programmes for inculcating civil responsibility among students.
- ◆ To promote sports activities at national and international level.
- ◆ To establish Women Technology Park in the adopted village to promote entrepreneurs and to provide livelihood for rural women.

**6.5.5 Does the IQAC have external members on its committees? If so, mention any significant contribution made by such members.**

Yes

The following suggestions by the members were implemented:

- ◆ A few courses to be designed to prepare students for competitive examinations.
- ◆ Enrichment of staff essential for promoting quality in an institution.
- ◆ Every department to work with a vision.
- ◆ To improve the reading habit of students.
- ◆ Teaching foreign languages to improve job opportunities.
- ◆ To organize programmes that aim at improving the communicative skill of students which will boost their confidence level.
- ◆ Development of soft skill to be made a part of the curriculum.
- ◆ To establish links with NGOs to provide community services.

**6.5.6 Has the IQAC conducted any study on the incremental academic growth of students from disadvantaged sections of society?**

Studies on the incremental academic growth of students from disadvantaged section of society is assessed based on a comparison of the final performance of the students on completion of graduation with their performance at the entry level.

**6.5.7 What policies are in place for the periodic review of administrative and academic departments, subject areas, research centres, etc.?**

Academic departments to be reviewed every year with reference to teaching – learning, research and community services.

- ◆ **Best performing department to be awarded.**
- ◆ Academic audit of the departments to be conducted once in three years.
- ◆ Peer review of the syllabus to be conducted whenever wholesome revision of the syllabus is carried out.
- ◆ **Academic and administrative units are subject to ISO audit by internal auditors and surveillance audit to be conducted once in a year.**

**Any additional information regarding Governance, Leadership and Management, which the institution would like to include.**

1. IQAC newsletter is published every year and distributed to all the students .
2. ISO Certification

3. New Initiative Forum –Consisting of the heads of all GRG institutions discusses with the secretary the new initiatives to be implemented every year. meets annually
4. Meeting of Deans and HoDs with the Secretary to discuss the progress in their areas.
5. Mission and Vision document planned for every department.
6. Effective financial planning – Prior to the commencement of academic sessions total financial requirements are assessed and adjusted with resources. Functional committees are formed at the department level to effectively manage the funds ,thus ensuring that there will be no deficit.

## CRITERIA VII : INNOVATIONS AND BEST PRACTICES

### 7.1 Environment Consciousness

#### 7.1.1 Does the college conduct a green Audit of its campus?

Yes

#### 7.1.2 What are the initiatives taken by the College to make the campus eco-friendly?

#### Energy Conservation

##### I. Awareness Programmes

- ◆ On Dec.14 World Energy Conservation Day is celebrated to create awareness regarding the importance of energy and ways & means of energy conservation.
- ◆ Seminar on Micro Scale Experiments was organized to find out ways and means of minimizing the use of energy and chemicals.
- ◆ A seminar on “Alternative Energy” was organized to discuss about alternative energy for conserving the environment
- ◆ Programmes on Organic Farming and Vermicomposting undertaken.

##### II. Practices

- ◆ A mini Energy Audit was conducted to assess the energy consumption profile. Energy conservation strategies are being undertaken.
- ◆ Switching off of all electrical, electronic devices and instruments when not in use, is strictly followed in the campus.
- ◆ Unplugging the cords.
- ◆ Usage of energy efficient bulbs
- ◆ Immediate repairing and replacing of leaky faucets and pipelines carried out which helps in saving water.
- ◆ Publication of a book on Environmental Studies.

##### III. Research

- ◆ A Ph.D project on Wind Energy was carried out to understand the advantages of wind energy, its contribution in Coimbatore District and its future scope.
- ◆ UGC sponsored major project on 'Environmental concern: An Attitudinal & Behavioral Analysis of Working Women in Coimbatore' was undertaken during the period of 2008-11.



- ◆ A survey on the food wastage during lunch in the college mess was carried out and steps taken to reduce the wastage.
- ◆ Studies on *invivo and invitro* conservation of endangered plants are undertaken.

### *Use of Renewable Energy*

- ◆ Solar Power is perceived as one of the solutions for the energy crunch and solar lamps to save electrical consumption has been installed in the campus.
- ◆ Harnessing of energy through wind mills.
- ◆ The usage mix comprises utilization of wind power by installing small wind mills to partially take care of energy requirements. March towards '**Waste to Energy**' – An eco friendly fuel Bio- Briquette was developed as an alternative to fire wood. This was demonstrated at Pollachi Corporation and guidance provided in producing briquette from corporation waste. 200 SHGs were trained in processing this product. Management of solid waste generated in hostel mess, college canteen etc., by the above methodology is on the anvil.

### *Water Harvesting*

- ◆ Recharging of ground water, is made possible by Rain Water Harvesting in the campus.
- ◆ Waste water is used for gardening purpose in the campus
- ◆ There is a plan to install a waste water treatment plant.

### *Efforts for carbon neutrality*

- ◆ Towards an attempt for Carbon neutrality '**Be Green and Be Lean**' is the guiding principle whereby attempts are made to consume more of renewable energy and reduce the wastages of water resource. '**Be Lean**' principle promotes the efficient usage of energy in the campus.
- ◆ Encouraging car sharing by students and staff members
- ◆ Restricted movement of automobiles within the campus so as to reduce green house gas emission.
- ◆ By planting more trees, usage of solar lamps and small wind mills, the emission of Carbon-di-oxide is reduced, thereby adding to the Carbon Credits.

### *Plantation*

Planting trees is a way for people to give back to the environment for future generations and offset the damage done by their carbon footprint.

- ◆ Towards this mission, awareness programme through Ecowatch Club about deforestation and importance of trees in the environment for eco balancing were conducted.
- ◆ Planting of trees on the campus through Naturalist Association, Ecowatch Club and Yi-Net, is an activity, oriented towards afforestation.

### ***Hazardous Waste Management***

- ◆ Used acids and chemicals are mixed with sand in a pot and buried in a pit deep in the soil in an isolated and earmarked place.

### ***e-Waste Management***

- ◆ e- Waste is sent to the authorized agencies for recycling and disposal as prescribed for safe disposal.
- ◆ Research work is undertaken on Efficient Phyto and Myco Remediation of e-waste.

### ***Any Other***

Use of plastics in the campus has been prohibited due to mass campaigning by the Ecowatch Club

## ***7.2 Innovations***

### ***7.2.1 Provide details of innovations introduced during the last four years which have created a positive impact on the functioning of the college.***

### ***Curriculum and Programmes***

- ◆ With job market becoming highly specialized and competitive, students prefer to pursue UG and masters courses that are industry oriented and highly technical in nature. Accordingly the following new programmes have been introduced namely B.Com (PA), B.Sc (ISM) and B.Com (Finance & Accounts).
- ◆ BBM (BPM) and & B. Com ( Financial Services ) are courses to be introduced in the next academic year.
- ◆ Industry partnership in the curriculum development is more of long term confidence building than a short term contractual relationship. ***New academic initiatives of launching TCS promoted curriculum as a certificate course is introduced in 2012-13 and UG programme will be introduced from the academic year 2013 -14 onwards.***
- ◆ To make curriculum flexible enough to meet the unique needs of individual students

Choice Based Credit System was introduced.

- ◆ *To break the walls between different disciplines cluster subjects and open courses are offered.*
- ◆ Computer related Skill Based Subject paves way for **100% computer literacy among all students.**
- ◆ *To promote career opportunities in professional courses, CA, ACS and ICAI Coaching classes are offered to the students. To enable the economically backward students for exploring the opportunities in Civil Services, coaching classes are conducted to them.*

### **Teaching, Learning and Evaluation**

- ◆ *All departments are equipped with computers and internet facilities for the students and staff to access.*
- ◆ New technology can strongly help in promoting teaching learning process. To promote e-Learning, the following are implemented.- e-content development, A-view facility, Virtual lab, Commerce lab, Language lab, Wi-Fi facility, smart class rooms, Video conference, Tele conference and ICT enhanced class rooms are developed gradually.
- ◆ Modernisation of laboratories for Physics, Botany, Chemistry, Zoology and Computer Science Departments and up-gradation with the installation of high end equipments.
- ◆ In higher education system, examination pattern forces many challenges. *To familiarize the students with the growing global competitive world, on-line examination is introduced.*

### **Research**

- ◆ Research Advisory Committee to provide guidance in research activities in science on the campus.
- ◆ Planning to promote social science research
- ◆ Publication of Research Journals.

### **Governance & Time Management**

- ◆ To facilitate administrative and academic activities, technology oriented Campus Management System was introduced.
- ◆ To decentralize the power for better administration, Deans for Research, Academic Affairs, Student Affairs, Mathematical Science, Extension activities and Academic

Support & Alumni Relations were appointed.

- ◆ Holidays were effectively utilized for organizing Workshops, Hands on Training, INSPIRE programmes, Industrial visits and Faculty development programmes.

### **Value Additions**

- ◆ To take care of the slow learners and SC /ST students Remedial classes are organized
- ◆ To provide orientation to non- mathematics students Bridge courses are held.
- ◆ Programmes for the all round development of First generation students are taken up.
- ◆ *To keep fit and healthy, Yoga Club is established and yoga practice is made mandatory to all the I year students.*
- ◆ *Selective and intensive training in imparting LSRW skills to improve communicative competencies is given to Tamil medium Students to bring them on par with their peers.*
- ◆ To cull out the best abilities in students having a flair for entrepreneurship, and to promote business leadership, *Add-on course on Entrepreneurship, GRG-Innovation and Entrepreneurship Development Centre and e-Cell were established.*
- ◆ To provide scope for students to express their opinion on curriculum, infrastructure available and other aspects, class committee meetings are being held every semester.
- ◆ Online feed back is collected from all students every year and corrective measures based on feedback implemented.
- ◆ Faculty orientation programme for freshers and other newly recruited staff members and Refresher courses, Faculty development programmes etc. were organized to orient the staff members towards new developments.
- ◆ *Best Faculty Award* is given to honor the faculty for their outstanding contribution and also to encourage them to do their level best in all spheres.
- ◆ *Best Department Award* is given to encourage and appreciate the faculty for their contribution as well as to promote healthy competition among departments.
- ◆ *Incentive given to appreciate the faculty members and non-teaching staff members for regularity in not availing casual leave.*
- ◆ *ISO 9001: 2008 certification*

## BEST PRACTICE - ENTREPRENEURSHIP DEVELOPMENT

**Title:** Developing Women Entrepreneurs

**Objectives:** To create an entrepreneurship culture amongst students and to produce successful women entrepreneurs.

**Outcome:** Independent livelihood, self-confidence, economic uplift of self, family and society

### **Principles & Concepts:**

'Entrepreneurship' aims to strengthen the abilities in students having a flair for becoming an entrepreneur. *This best-practice adopted has been based on the passion evinced by the students to be self-reliant, innovative, independent, to generate employment and to be a part of nation building effort.*

### **The Context:**

*Efforts are taken to provide exposure to the development of special skills through a series of practical sessions organized through external skill development agencies at the college premises, to inspire and activate the students to become successful entrepreneurs.*

The challenges taken up by the organizers have been to:

- ◆ Inculcate the habit of thinking differently.
- ◆ Develop risk taking ability, associated with business.
- ◆ Inspire and flag out the hidden potentials to become full-fledged entrepreneurs.
- ◆ Convince the students to diversify their efforts to set up business houses and provide job opportunities to many.

### **The Practice :**

For over two and a half decades, efforts have been taken to induce and implant the necessity of pursuing an entrepreneurial career. *A number of entrepreneurial awareness programs were conducted to expose the students to the world of entrepreneurs.*

Entrepreneurship is included as one of the core subjects for Commerce and Management programmes from the year 2002-03 onwards.

In Add-on course, every year around 40 students are enrolled for Certificate course (Level I) with exposures to the Fundamentals of entrepreneurship, rural and women entrepreneurship and the availability of financial assistance from institutions.

On an average, every year around 20 to 30 students enter the second level where they learn

Accounting, Management and Ethics involved in small business. The third level ensures a practical exposure to project management, legal issues in entrepreneurship and development of small business. Soft skills have been included and training has been provided from appropriate sources to impart knowledge and skill in the making of soft toys, jewellery, garment, painting, furnishing and other areas of hand-made vital products. This career oriented course includes hands –on- skill training in the domain of knowledge.

In this direction an *Empressarios' Hub (e-Cell)* was installed during 2011 under a Memorandum of Understanding with the National Entrepreneurship Network (NEN). The e-Cell, has been the motivator *to help the member students realize their inherent skills and to flower into entrepreneurs in future.* Workshops conducted along with a week-long celebrations have surfaced different exhibitions of the latent entrepreneurial capabilities of the members.

A hands–on experience has enabled the students to run a 'Vyapaar' and benefit through the experiential learning in making and placing the products in the market. Successful entrepreneurs have been invited for fruitful discussions with the student entrepreneurs and the members of the e-Cell Empressarios' Hub. *Our efforts received a golden hug when the Government of India volunteered to sponsor Entrepreneur Awareness Camp(EAC) through NSTEDB of the department of S&T and Entrepreneurship Development Institute of India, Ahmedabad.* 8 such EACs were held in 2010-11 and 2011-12 respectively. There were more than 1000 beneficiaries. Besides, entrepreneurial tours were conducted to meet successful entrepreneurs in their work spot, so as to know the business environment better. Despite the constraints faced by the organizers of the entrepreneurial activities and the student members, *the practice has been sustained in line with our mission to enhance the 'Entrepreneurial Culture' within the college premises and contribute indirectly to the nation's prosperity and growth.*

### **Evidence of success:**

The Entrepreneurship courses introduced as a part of academics and co-curricular curriculum has paved the way to institute an Entrepreneurial Development Cell, *under the banner of GRG - Innovation and Entrepreneurship Development Centre (IEDC) during 2008-09.* The Centre is funded by the Department of Science & Technology, Ministry of Science & Technology, Government of India, New Delhi. *IEDC aims to inculcate a spirit of entrepreneurship and business leadership among the students.* The IEDC has secured the financial support required for the budding entrepreneurs in the campus for a pilot project implementation. Assistance has been provided every year for 5 such projects with Rs. 1 lakh grant per project. *This scheme involves both students, and the faculty members, the latter facilitating the former to work with innovative*

**commercial projects.** Students are expected to continue with their chosen projects even after the completion of their academic courses and enter the field of production and marketing.

#### **PROJECTS COMPLETED UNDER DST-IEDC**

1. Production of bio-manure from Water Hyacinth
2. The Gourmet's Diet
3. Production and development of nutritional value of TOFU
4. Efficient Watershed Technology
5. Multi Deck Cup
6. Artificial flower making & Fashion jewellery
7. 3 in 1 Burglar Alarm
8. Eco-friendly bags and home furnishings made of banana fiber
9. Production of Soy ice cream & Flavored soya milk
10. Biodegradable pots from coir fiber
11. Application of fish scale designs on fabrics
12. Eco-friendly product-Sanitary napkins made of wood pulp
13. Mobile Bug
14. Production of natural colorants from microbes
15. Creating applique designs for fabric

***The following two products developed by our budding entrepreneurs has been submitted for patenting.***

- Application of fish scale designs on fabrics developed under the DST – IEDC project by the Department of Zoology is in the process of being patented ( REG NO 4264/CHE/2011 on 08.12.2011 at 11.42.35 AM and its CB No is R.No 12078). Extending it for commercial purpose to reach out to the society is on the anvil.
- Mobile Bug – The circuit developed by the Department of Physics under the DST- IEDC project facilitating detection of data transmission at the net work path could be used to check unauthorized use of mobiles. This technology is in the process of being patented and will be subsequently made available for public use.

#### **ONGOING PROJECTS FOR THE YEAR 2012-13**

16. Production of biscuits and chocolates with millets
17. Bioconversion of fish waste as liquid fertilizer- A quantitative approach
18. Development of eco- friendly mosquito repellent cum incense



19. Visual door knocking system

20. Easy payable shopping.

500 students have enrolled as e-Cell members and are showing keen interest in the entrepreneurial programmes conducted during 2011-12 through e-week celebrations and panel discussions with 4 successful entrepreneurs. The year 2012-13 has created a platform for the young members to participate in a 2 day workshop to induce them to 'stand on their own feet'. There are many more live projects in the pipeline to be undertaken for the remaining part of the year.

### ***Problems encountered and resources required:***

The major **constraints** to overcome have been:

- ◆ Student entrepreneurs have not been able to continue with their projects at the end of their programme of study due to lack of continued financial assistance.
- ◆ The entrepreneurial activities have been clashing with their academic pursuits disabling them to get involved in their projects continuously.
- ◆ Lack of family support & the lack of family awareness on entrepreneurial attitude also have been a deterrent in pursuing entrepreneurship practices.
- ◆ More so, the problems faced by women entrepreneurs are applicable to student entrepreneurs too, resulting in de-motivation and risk-averse attitude.
- ◆ Accepting the fact that the growing awareness of entrepreneurship and the entrepreneurial culture among the students has still a long way to go.

### ***Resources required:***

- ◆ The resources should be continuously available atleast for a period of time during which the student entrepreneurs can stabilize.
- ◆ More real time projects should be implemented with the appropriate industry-link to strengthen the acceptance of the projects in the commercial markets.
- ◆ ***A tie-up is considered essential with trade and industry linkages for demand forecasting, quality assurance, branding, mass economic production, sales promotion and customer orientation.***
- ◆ Total support has to be provided by the educational institution in promoting, incubating, nourishing and financially assisting the projects for not only the existing students but also in extending the services to the ex-students, with sustained interest in the projects.



## **BEST PRACTICE - RESEARCH PROMOTION**

**Title :** Augment research, link it to Industry and Society and promote entrepreneurs and in nation building

**Objectives :** The college has sufficient research potential. Almost all the faculty members possess research degrees. M.Phil and Ph.D programmes are offered by 11 disciplines. Many funded projects are being operated but the research outputs are neither implemented in the industries nor does it reach out to the society. There is no awareness on the significance of patenting the research findings. Therefore it is necessary to strengthen the quality of research to facilitate publishing in high indexed journals and application of the research output in industries after proper patenting if necessary. ***If the technology is properly transferred to the society it would earn a livelihood for the poor and needy people.***

**Context :** Though teaching, learning and research are inseparable in universities, a strange situation prevails in colleges wherein research activities are not given weightage. Only the assessment and accreditation procedures has given an awareness about the importance of research in higher education system. ***The bench mark for quality in higher education is not merely the academic achievements of the students and faculty members but academic attainment of the faculty such as qualifying with research degrees, publishing articles in high indexed journals, offering consultancy to the industry and transferring the research findings to the benefit of society.*** Hence the need for augmenting the research activities in the campus was felt and IQAC has taken an initiative to strengthen the activities in the Institution.

### **The Practice:**

- A research cell has been constituted headed by Dean - Research and a Research Coordinator to promote research activities in the Institution.
- A Research Advisory Board has been constituted for expert advice and updation.
- The members of the IQAC monitor the research activities of the various departments and provide useful suggestions.
- Interface meetings are organized with experts in the research field to enlighten the staff members about the various funding agencies so that the faculty could submit the research proposals to various agencies.
- As a quality drive the IQAC has fixed a target for the number of research proposals to be submitted by each department.
- The proposals submitted are scrutinized by the research committee and the quality of the proposals are assessed before submitting the same to state/ national level funding agencies.
- Research associates appointed under the projects undertake research work leading to Ph. D.

- Training provided to faculty and research scholars to handle sophisticated equipments and to learn new techniques.
- Collaborative research with reputed organizations.
- Management takes active interest in all research activities by providing funds and incentives generously. To enhance the research potential of faculty, financial assistance is provided to attend seminars and conferences. ***50% of the expenses are incurred by the management in publication of papers to research journals. Special incentives are given to faculty for publication of books.***
- A number of software packages are installed
- An online journal- EBSCO has been subscribed.
- Meetings with industrialists are organized to gain awareness about the need of the Industries and the research required thereof.
- Lectures on IPR and patents are organized to gain knowledge on the types of IPR and how to process the registration.
- ***Society oriented programmes are organized to transfer the technology.***
- ***A centralized Instrumentation Laboratory has been set up with modern sophisticated instruments and a technician appointed to maintain the instruments.***
- ***State –of- art laboratories, green house facility, books and journals, Science Academy sponsored refresher courses and lecture workshops, UGC sponsored short term training programmes for vertical integration.***
- A half yearly ***research journal 'Advances in Applied Research'*** published by the college encourages publication by the students and faculty.
- ***Research manuals are published.***
- ***I EDC center funded by DST-NSTEDB encourages skill oriented research*** and promotes entrepreneurial attitude amongst the students
- Special centers such as Women studies, Ambedkar studies , Gandhian studies take care of transferring technology to the society apart from the departments.

#### ***Evidence of success:***

- The number of staff members registering for M.Phil and Ph.D programmes as well as completing the degrees are on the increase.
- Number of teachers getting recognition from Bharathiar University as internal and external guides for other universities has increased- 81 faculty members are recognized guides for M. Phil and 38 members for M. phil and Ph. D programmes of Bharthiar University.
- 11 disciplines have been recognized as research departments.

- 107 students are pursuing M. Phil and 32 members pursuing Ph. D in the current academic year.
- 2 minor and 10 major funded projects are being operated.
- 16 society oriented programmes/ projects have been conducted.
- **3 findings have been registered/processed for patenting.**
- On an average 75 research papers are published per year.
- Research manuals and a book on funding agencies have been published.
- **Two Ph. D scholars have obtained Rajiv Gandhi fellowship.**
- Consultancy services have been offered in two areas.

**Problems encountered and resources required:**

Compared to the quantum of research carried out, the percentage of publication is limited because of the following reasons.

1. The work pressure on the faculty is on the increase and they are unable to devote time to research.
2. There is a fall in the experienced staff strength due to retirement.
3. Though the management appoints temporary teachers in such vacancies their remuneration is not on par with regular members. So they are on the look out for other opportunities all the time.
4. Research associates/JRF discontinue from the funded project and therefore projects are not completed on time.

Delay in the release of funds for 2<sup>nd</sup> and 3<sup>rd</sup> instalment from various agencies for major projects delays the finalization of the project.

## ***EVALUATIVE REPORT OF THE DEPARTMENTS AND SUBUNITS***

The college has seen a remarkable growth over the years and it now offers UG, PG and research programmes in 34 disciplines spread over 23 departments with an accomplished faculty of 246 members and 5081 students. There are 116 non academic staff whose support is in no small measure responsible for the premier position the institution occupies amongst the colleges of Bharathiar University. There are three departments offering languages under Part I – Tamil, Hindi and French. The other departments are offering courses in diverse streams such as humanities, science, commerce and management. In addition, all the departments offer job oriented courses and one or two career oriented add on courses. All the disciplines are also actively involved in extension activities jointly with the three UGC sponsored centers, namely Centre for Women Studies, Gandhian Studies and Dr. Ambedkar Studies. All these disciplines share several features in common with reference to education system followed, teaching pedagogy, examination system and evaluation, participation in academic activities and capacity building events, but ***at the same time retaining their individuality and there exists a healthy competition amongst the disciplines to excel each other.*** The college has become a ***byword for its co – curricular activities*** through diverse service wings such as – sports and games ,NSS, NCC, YRC etc. and extra – curricular activities through the student forum, and its constituent associations, alumni, parent- teacher association, IQAC and Research cell.

The ***vision of creating academic excellence coupled with achievements in co – curricular and extra curricular fields*** - a joint venture of several subunits of the institution – a journey well begun five decades back has ***infinite potential and is setting newer standards to reach beyond autonomy, in the Golden Jubilee year of the institution.***

### ***Common features shared by the various disciplines:***

#### ***Curriculum***

From the time of inception of autonomy the institution is offering courses under the CBCS with a wide range of options. New courses are introduced as and when necessary which reflects the ***goal of the institution to initiate innovation and produce human resources with necessary skills that the students are in need of in the present employment scenario.*** Hence subjects and programmes that impart soft skills are mandatory components of the curriculum.

To keep pace with the ever expanding knowledge and technology and also to cater to the demands of the industries and society the curriculum and the syllabi are reviewed and upgraded (wherever necessary) by conducting Board of Studies meetings involving experts from industry and academics.

### *Science made lucrative*

There is a mad rush for professional courses which the elite students opt for therefore there is an enormous need for genuine research and development in the arena of the basic sciences. Hence to catch them when young the higher secondary school students who are about to step into colleges have to be motivated and focused towards this field of basic sciences. Thus INSPIRE camps are organized by the basic sciences departments with funds received from the DST.

### *Faculty recharging to cater to curriculum reforms*

Faculty members adopt numerous recharging strategies to keep abreast of the changing curricular reforms. They attend seminars, conferences, workshops, and faculty development programs conducted by reputed institutions like ASC, ICEAC, BRNS, EDI and other universities. They visit reputed organizations like ISRO, IGCAR, etc., interact with eminent scientists from other institutions and universities during interface meetings at regular intervals and also participate in video conferences with distinguished professors of other universities both in India and abroad.

### *Teaching – learning*

The lecture method of teaching is supplemented by the use of audio – visual aids, projects, seminars, guest lectures, field trips and internship. Teaching plans including time schedules are prepared and displayed in the notice boards a fortnight in advance, so as to ***ensure the participatory role of the students.***

***Teachers make use of innovative methods and technology in their teaching practice*** which is made possible by the infra structural growth of the institution with 68 class rooms fitted with LCD and some of which are smart class rooms. There is an e – resource development centre and the institution is focusing on the development of e – contents in all its disciplines. ***Hence the institution is moving along modern trends to build knowledge in an interactive way in the class rooms***. College follows a semester pattern generally and trimester pattern only for MBA.

Smooth functioning of the institution is because of the proper co – ordination and mutual trust at every level. IQAC sets the target for the year and implementation is through the various committees such as admission committee, planning committee, finance committee, library committee, extra curricular activities committee, research committee etc., The faculty are members of one or the other committee.

Learning outcomes are frequently monitored by assessing the performance of the students in their class tests, assignments, students' seminar and quiz. Remedial coaching is given to the less competitive students.

### Feedback

At the end of each academic year students give online feedback on the performance of the staff, curriculum, evaluation pattern and the infrastructural facilities that is recorded and scrutinized and corrective measures taken so as to improve and sustain the quality of teaching learning standards.

Extension activities are an integral component of the academic programmes. All the students both UG and PG participate in such programmes and *the institution gives importance to develop human resources with societal consciousness.*

### 1.LANGUAGES

#### Faculty profile

Name	Qualification	Designation	Specialization	Exp.	PPC	PUB.	Ph.D
Mrs. R.Manimegalai	M.A.,M.Phil., Dip.Epigraphy.	Asst.prof	Payanakkathamil, Sangailakkiyam	6	3	17	-
Dr. N. Gayathri	M.A.,M.Phil.,Ph.D.,	Asst.prof	Bakthi	6	2	8	-
Dr. M.Renuka	M.A.,M.Phil.,Ph.D.,	Asst.prof	ComparativeLit	10	-	5	-
Dr. R .Sujatha	M.A.,B.Ed.,M.Phil.,Ph.D.	Asst.prof	Modern Lit	12	-	4	-
Dr.R.Jothimani	M.A.,B.Ed.,M.Phil.,Ph.D.	Asst.prof	Sangam Lit. Keelkkanakku	4	3	8	-
Dr.A.Manimekalai	M.A.,M.Phil.,Ph.D.	Asst.prof	Modern Lit	7yrs6m		3	1
Dr.R.S.Sundharamayil	M.A.,M.Phil.,Ph.D.	Asst.prof	Journalism	6	-	9	-
Dr.P.Amutha	M.A.,M.Phil.,Ph.D.	Asst.prof	Sanga Illakkiyam	1	-	16	-
Mrs.S.Ranjani	M.A.,M.Phil.	Asst.prof	Sanga Illakkiyam	8yrs	-	-	-
Dr.C.Vanmathi	M.A.,M.Phil.,Ph.D.	Asst.prof	Sanga Illakkiyam	1m	-	7	-
Dr.V.Velumani	M.A.,T.P.T.,M.Phil. Ph.D.	Asst.prof	Grammar	4m	-	1	-
Ms.K.Sandhya	M.A.,B.Ed., M.Phil.	Asst.prof	Kappiyam	1m	-	-	-
Hindi Ms. G. Renuka	M.A., M. Phil	Asst.prof	Comparative studies and short stories	13	4	-	-
Ms. K Chitra	M.A., M.Phil.	Asst.prof	Novel	7	-	-	-
French Ms. N. Ranjini	M.A., M.Phil.	Asst.prof	Translation	30	-	4	-
Ms. Sultana Parveen	M.A.	Asst.prof	-	3	-	-	-
Ms. Lakshmi Vaideeswaran (PT)	M,A.	Asst.prof	-	4	-	-	-

**General key for all tables**

PPC. – Papers presented in conference

PUB. – No. of papers published

Ph. D Number of Ph.D guided

Out of the three languages offered – Tamil / Hindi / French students have the option to choose any one. In the year 2012 – 2013, 84% of students opted for Tamil and 5% and 11% opted for Hindi and French respectively. Since a basic knowledge in regional language is essential for all graduates. Basic Tamil / Advance Tamil is offered to all students pursuing French / Hindi as the first language. Four job oriented courses are offered by the department that includes *Journalism and Mass media* by the department of Tamil, *Spoken Hindi is offered in collaboration with Central Hindi Directorate, Ministry of Human Resource Development, New Delhi. In collaboration with Alliance Franchise, a certificate course in French – DELF – DALF* is also conducted to encourage the students to study a foreign language, which will improve their job potential at international level. There are 17 faculty members of which 9 members are qualified with Ph.D and the rest M.Phil qualified and one member is pursuing Ph.D. Six conferences were organized by the department that includes two at international level. The conferences are organized jointly with Bharathiar University, Sahitya academy and Indian Association of French Teachers (IATF) with a sponsorship to the level of ₹ 3 lakhs. 98% of the faculty members have presented papers in conferences and one faculty member has attended an international conference and two books and 16 papers are published. The department conducts Inter and Intra collegiate competitions to bring out the language skills of the students. Tamil department publishes an in-house magazine '*Thamizlcharal*' to hone the writing skills of the students. Every year an inter collegiate fest – *Muthamizhvizha* is also organized which focuses on the three comprehensive aspects of Tamil literature namely prose, poetry and drama.

The departments also takes keen interest in research activities. 6 faculty members are recognized guides of the Bharathiar University and 2 students have completed their M.Phil under their guidance. At present there are 2 research scholars pursuing M.Phil in Hindi and one part time Ph.D candidate in Tamil.

The *credibility of the members are revealed by the several accolades received* by them such as the '*Best NSS programme officer Award*' won by a faculty at *state and national level* and another faculty has received *Senthamizh Chudde Viruthu* and *Kalai Valar Semmel Viruthu* from *Kalaithamizh sangam*. Two faculty members participated in Guinness record programme for composing poems.



## 2. HUMANITIES

### *Programmes offered*

English Literature - B.A., M.A., M.Phil., and Ph.D.

Economics -B.A. Economics is renamed with relevant changes in the curriculum from 2008 -09 onwards as '*Economics with Banking and Insurance*' to ensure the ability of students in meeting the challenges of the industry and the job market.

History - B.A., M.A., and M.Phil.

Vocational courses such as add on courses in '*Creative Writing and Theatre Arts*', '*International Trade and Foreign Exchange*' and '*Tourism and Travel Management*' are offered at the UG level by the 3 departments respectively. English department has established a Memorandum of Understanding with British Council, Chennai for the conduct of the add on and job-oriented courses.

Departments of History and Economics co-ordinate the activities of the two UGC sponsored centres namely Dr. Ambedkar Studies Centre and Gandhian Studies Centre.

### *Curricular Reforms*

Though there is stiff competition from professional courses, the various branches of the humanities departments are taking steps to energise the curriculum through innovative steps.

### *New courses introduced*

- ◆ Foundation course in 'Communication Skill Development Programme', for UG programme
- ◆ Writing for the Media', Classics in Translation'for MA English Literature,
- ◆ Marketing' and 'Entrepreneurial Development' for BA Economics,
- ◆ Human Resource Management' for BA History.

### *Interdisciplinary courses offered*

- ◆ Open course in 'Current trends in Indian Economy'
- ◆ History for Competitive Examinations' for UG programme and
- ◆ Human Rights and Indian Constitution' offered by the Department of History for the PG programme.

### *To Improve Language skill*

To tap the job market, the need of the hour is to inculcate promising communicative and writing skills. To this end, the department of English has taken several steps

- ◆ Introducing Functional English under Part II,



- ◆ Open course in Writing Skills,
- ◆ Certificate course in Communicative English
- ◆ Job oriented course in Spoken English.
- ◆ Business English for Management courses in collaboration with British Council

### Faculty profile

Name	Qualification	Designation	Specialization	Exp.	PPC	PUB.	Ph.D
<b>DEPARTMENT OF ENGLISH</b>							
Mrs. B. Mynavathi	M.A.,M.Phil.	Asso. Prof. & HOD	Drama	24	-	1	-
Dr. Sushil Mary Mathews	Ph.D.	Asso. Prof.	Fiction	19	-	5	-
Mrs. R. Maheswari	M.Phil.	Asso. Prof.	Fiction	14	-	-	-
Dr. R. Sumathi	Ph.D.	Asst. Prof.	Poetry & Fiction	12	-	2	-
Mrs. Subhapiya	M.A.	Asst. Prof.	Fiction	12	-	-	-
Dr.SumathyK Swamy	Ph.D.	Asst. Prof.	Fiction	12	-	3	-
Mrs.M. Angeline	M.Phil.	Asst. Prof.	Fiction	3	-	5	-
Mrs A. Dhanalakshmi	M.Phil.	Asst. Prof.	Fiction	3		6	
Ms E.R. Anuradha	M.Phil.	Asst. Prof.	Fiction	3	-	-	-
Dr. S. Lavanya	Ph.D.	Asst. Prof.	Fiction	3	-	13	-
Mrs.J. SanthoshPriyaa	MPhil	Asst. Prof.	Fiction	3	-	9	-
Ms.S.Gomathi	M.Phil.	Asst. Prof.	Fiction	5	-	4	-
Ms.M.Aishwarya	M.Phil.	Asst. Prof.	Fiction	5	-	2	-
Mrs.T.Vijayalakshmi	M.Phil.	Asst. Prof.	Fiction	1	-	-	-
Mrs.D.Chandramani	M.Phil.	Asst. Prof.	Drama	13	3	1	-
Ms.K.Deepa Rajyasri	M.Phil.	Asst. Prof.	Fiction	4	1	-	-
Ms. B. Sweety	M.Phil.	Asst. Prof.	Fiction	1	-	-	-
Ms.V. Menaka	M.Phil.	Asst. Prof.	Fiction	1	-	-	-
Ms. K. Soniya	M.Phil.	Asst. Prof.	Fiction	6	-	-	-
Ms. P.Sruthi	M.Phil.	Asst. Prof.	Fiction	6	-	-	-
Ms. E.Divya	M.Phil.	Asst. Prof.	Fiction	6	-	-	-
Ms.D.Piryadharshini	M.Phil.	Asst. Prof.	Fiction	6	-	-	-

Name	Qualification	Designation	Specialization	Exp.	PPC	PUB.	Ph.D
<b>DEPARTMENT OF ECONOMICS</b>							
Dr. R. Santha	Ph.D.	Asso. Prof. & HoD	Development Economics	16	-	2	-
Mrs. Vanithamani	M.Phil.	Asst. Prof.	Money and Banking	22	-	-	-
Dr.M.Nagesh Kumari	Ph.D.	Asst. Prof.	International Economics	18	2	4	-
Ms.K. Renuka	M.Phil.	Asst. Prof.	Agricultural Economics	16	2	-	-
Ms. C. Athena	M.Phil.	Asst. Prof.	Econometrics	4	2	1	-
<b>DEPARTMENT OF HISTORY</b>							
Ms.B.Manthagini	M.Phil	Asso. Prof. & HOD	Modern Period	27	-	-	-
Ms. P.Arul Mary	M.Phil.	Asst. Prof.	Ancient Period	12	-	-	-
Ms.S.Kamini	M.Phil.	Asst. Prof.	Modern Period	4		-	-
Ms.G. Vanathi	M.Phil	Asst. Prof.	Modern Period	4	-	1	-
Dr. P.Vennila	Ph.D.	Asst. Prof.	Modern Period	2	-	2	-
Dr.T.A.Rama devi	Ph.D.	Asst. Prof.	Modern Period	2	-	2	-
Ms.M.Sankari	M.Phil	Asst. Prof.	Modern Period	1 yr 6mon	-	-	-
Ms.K.Suguna	M.Phil	Asst. Prof.	Modern Period	1yr 6mon	-	-	-

The departments have a fully qualified team of 35 members, out of which 25 per cent are with Ph.D. degree as the highest qualification and 75 per cent with M.Phil. Staff members are on the move to keep abreast of the changes. 11 staff members are qualified with Ph.D during the period under review. 60 % of the faculty members have attended orientation and refresher courses.

### **Research**

English, History and Economics departments were elevated as research departments in 1985, 1983 and 2002 respectively. Currently 27 M.Phil. and 15 Ph. D scholars are pursuing their research. 60 % have presented papers in seminars / conferences and are actively involved in research. 14 seminars including one at the international level and 3 workshops were organised. The faculty have published 35 articles in national journals and 32 articles in international journals. *Two staff members in English participated in an International seminar at Goethe Institute Frankfurt,*

***Germany in the year 2009 and presented papers on Children's Literature.***

The Economics department has distinguished in research in spite of being an undergraduate department, with a faculty having completed a UGC sponsored minor project in 2008 and a major project in 2009 and one staff is currently doing UGC minor project with a total turn over of ₹ 38,300 towards the research projects and ₹ 80,000 for a national seminar from UGC. The Coimbatore Lions Club sponsored ₹ 10,000 for a workshop. ***One book has been published and 6 books edited.***

***Student Profile***

On an average the English department received 150 applications, out of which 40 per cent were admitted. Regarding the students progression to higher studies, 40 per cent of UG students advanced to PG and 40 per cent from PG to M.Phil. On an average the Economics department received 120 applications out of which 50 per cent were admitted. History department received 60 applications on an average, out of which 60 per cent were admitted and the ***pass percentage recorded by these departments ranged from 95-100%.***

Three students in English Literature have distinguished themselves by ***participating in RD parade at New Delhi, International Yoga Competition at Bengaluru and Mountaineering expedition to Himalayas scaling a height of 16442 feet in 2012.***

***Awards***

- ◆ One faculty in Economics received the ***Bharath Siksha Ratan Award*** from Global Society for Health and Education Growth, New Delhi in 2012 and ***Dr. Radhakrishnan Gold Medal Award*** by the Global Economic Progress & Research Association, Tamil Nadu in 2013 for outstanding individual achievement and distinguished service in education.
- ◆ Two faculty members have distinguished themselves in community services by getting awards for the ***outstanding services as co-ordinators in Rotaract and Youth Red cross*** in 2011 and 2012.
- ◆ An alumna of the 1979-80 batch of English Literature and 1981-84 batch of History received the ***'Best Alumni Award' in 2012*** for outstanding services in their chosen field.

***SWOC of the Department***

- ◆ Well qualified and competent faculty, language laboratory and smart class rooms are the strengths of the departments.
- ◆ Less enrolment for M.Phil., and Ph.D. in the departments of History and Economics is a weak point.

- ◆ Opportunities are present for getting admissions at research level and appearing for Civil Services and other competitive examinations.
- ◆ Improving the subject oriented communication skill of the Tamil medium students is a great challenge for all the departments.

### **Future Plans**

- ◆ To improve research output by involving more faculty members.
- ◆ To undertake funded projects
- ◆ To coach students for class I services and Civil Services examinations.
- ◆ To form a Drama Club, Literacy Club and Book Review Club to improve the language proficiency of the students.

## **3. MATHEMATICAL SCIENCES**

### **Year of establishment and Programmes offered**

Department of Mathematics – UG Programme - 1978, (Aided) M.Phil and Ph.D

PG Programme -2003 (Self funded)

The department conducts an Add on course in '*Optimizing Technology*'

### **Curricular Reforms**

A major curricular reform has been the introduction of allied Mathematics at two different levels for several UG programmes and as an interdisciplinary course for the PG programmes. Developing mathematical skills is a major requirement in the present day educational and employment scenario.

***Hence to develop a sound background knowledge of Mathematics and equip students with the necessary skills, the department is involved in the conduct of Bridge course, and coaching classes for ACS, CA, ICW, Civil Services, SET, NET examinations.***

### **Faculty Profile**

The department has a fully qualified team of 17 members, out of which 25 % possess Ph.D as the highest qualification and 65% are with M.Phil degree. Staff members are encouraged to keep pace with the present emerging trends in Mathematics by attending regular refresher and orientation courses. Teachers undertake extension activities in many areas and the college encourages them in such endeavours.

Name	Qualification	Designation	Specialization	Exp.	PPC	PUB.	Ph.D
Ms. S Chitra	M.Sc.,M.Phil.	Asso. Prof. & HoD	Fluid Dynamics & Graph Theory	33	3	3	-
Dr. B. Tamil Selvi	M.Sc.,M.Phil., Ph.D.	Asso. Prof.	Stochastic Process	26	-	4	-
Ms. A. Karpagam	M.Sc.,D.C.P.	Asso. Prof.	Optimization Technique	22	-	-	-
Dr. K. Sumathy	M.Sc.,M.Phil., Ph. D.	Asso. Prof.	Fluid Dynamics	18	1	14	2
Ms. S Deepa	M.Sc.,M.Phil.	Asst. Prof.	Topology	1y 6m	-	-	-
Ms. M.Deepa	M.Sc.	Asst. Prof.	Stochastic Differential Equation	2y 6m	-	-	-
Ms.R.Lakshmi	M.Sc., M.Phil., PGDCA.	Asst. Prof. &Head	Algebra, Mathematical - Modelling, Fluid Dynamics.	13	10	7	-
Ms.R.Panneerselvi	M.Sc.,M.Phil., PGDCA.	Asst. Prof.	Fluid Dynamics	6	2	2	-
Ms.C.R.Parvathy	M.Sc.,M.Phil., PGDCA.	Asst. Prof.	Topology	9	3	1	-
Ms.K.Sharmilaa	M.Sc.M.Phil.	Asst. Prof.	Fluid Dynamics	4y 6m	1	-	-
Ms.S.Lakshmi	M.Sc.,M.Phil. PGDCA.	Asst. Prof.	Graph Theory	4y 6m	2	-	-
Ms.S.Aiswarya	M.Sc.M.Phil.	Asst. Prof.	Fluid Dynamics	3y 6m	3	1	-
Ms.R.Sakthi Kala	M.Sc.,M.Phil., B.Ed.	Asst. Prof.	Fluid Dynamics	3y 6m	2	-	-
Ms.N.Banupriya	M.Sc.,M.Phil.	Asst. Prof.	Fluid Dynamics	4y 6m	-	-	-
Ms.J.Rejula Mercy	M.Sc.,M.Phil. B.Ed.	Asst. Prof.	Fluid Dynamics	4y 6m	1	-	-
Ms.M.Mohanapriya	M.Sc.,M.Phil. PGDCA.	Asst. Prof.	Graph Theory	4y 6m	-	-	-
Ms.K.Kavitha	M.Sc.,M.Phil.	Asst. Prof.	Graph Theory	5	-	-	-

### Research

The college has developed a research culture among its teachers and to keep pace with the new developments in their respective areas of specialization, teachers are actively engaged in research.

***At present the Department of Mathematics has to its credit two minor research projects funded by UGC to the tune of ` 1.5 lakhs .*** One student project with the support of DST – IEDC was undertaken in 2012. The department has received grants from various funding agencies like CSIR, TNSCST, TANCHE , DST, National Academy of Sciences and Indian Academy of Sciences to conduct seminars, conferences and workshops. The Department of Mathematics has ***organized 6 national seminars and one state level INSPIRE internship programme with a financial support of ` .17 lakhs.*** The seminars were designed to focus on the present day thrust areas of research and future R&D directions in the relevant areas.

### *Student profile*

A considerable number of students progress to higher studies and research. 80% of the students progress from PG to M.Phil and 20 % from PG to Ph.D.

### *Awards received*

Dr.K.Sumathi, in 2011 received the '**Best Faculty Award**' sponsored by CTS.

### *SWOC of the Department*

- ◆ The strength of the department includes well qualified and dedicated teachers, that brings in 100 % admission and turns out 100 % placement.
- ◆ Weakness would be the need for up-gradation of the departmental library.
- ◆ Opportunities are aplenty in Mathematics in the basic and applied fields and students find 100 % placement in the corporate world.
- ◆ The challenges faced by the Mathematics Department is the stiff competition from new emerging disciplines and difficulty in motivating students to take up research work.

### *Future Plans of the Department*

- ◆ To orient the students towards research, to enhance their employable skills, to give thrust on value based education.
- ◆ To introduce new courses in UG , PG in an applied field
- ◆ Introduction of add on courses with greater job potential.
- ◆ Developing a centralized mathematical - computer lab with 30 systems is also on the agenda.

## **4.PHYSICAL SCIENCES**

### *Programmes offered*

Physics	-	B.Sc, ( aided ) M.Sc (self funded)
Chemistry	-	B.Sc, ( aided) M.Sc (aided & self funded), M.Phil and Ph.D.

### *Inter disciplinary courses offered:*

The Department of Chemistry offers Laboratory Techniques for Biologists as an interdisciplinary course for PG programme . An add on course in '**Textile Chemistry**', open course in '**Food Preservation and Food Adulteration**' is offered for the UG programme.

The Department of Physics offers '**Biophysics**' as IDC course for PG students and for the UG, '**Embedded System Design**' is offered as an add on course and Medical Instrumentation as the open course.

### Curricular reforms

To keep pace with the ever expanding scientific facts and technology, and also to cater to demands of the industries and society the curriculum and the syllabi are reviewed and upgraded (wherever necessary) by conducting Board of Studies meeting involving experts from industry and academics.

To enable the students to get an exposure to the emerging fields of Chemistry, topics on synthesis and properties of nano materials, retro synthesis involving disconnection approach, green synthesis & clinical chemistry are included in the curriculum. The practical component includes the measurement of water quality parameters such as TDS, BOD, COD & spectrophotometric estimation of metal ions in effluents. Recording and interpretation of IR & UV spectral data help them to increase their hands-on experience, thus promoting job opportunities in pharmaceutical and chemical industries.

### Faculty profile

The departments have a fully qualified experienced team of 28 members of whom 10 are Ph.D holders while the others hold M.Phil degree as the highest qualification and 7 members are pursuing research leading to doctorates. About 87% of the faculty belong to the parent university. All the faculty members have attended orientation and refresher courses. There are 10 supporting staff members.

Name	Qualification	Designation	Specialization	Exp.	PPC	PUB.	Ph.D
<b>DEPARTMENT OF PHYSICS</b>							
Dr. S Jayalakshmi	M. Sc., M. Phil., Ph. D.	Asso. Prof & Head	Ultrasonics	35	-	-	-
Dr. P. Meena	M.Sc., M.Phil., Ph. D.	Asso. Prof.	Thin films	22	1	2	-
Ms. J Bala Vijayalakshmi	M.Sc., M.Phil.	Asst. Prof.	Defect Solidstate Physics	10	5	2	-
Ms. M. Lavanya	M.Sc., M.Phil.	Asst. Prof.	Nano Optics	9	7	1	-
Ms. N. Priyadharsini	M.Sc., M.Phil.	Asst. Prof.	Nanotechnology	6	-	-	-
Ms. C. Sharmila	M.Sc., M.Phil.	Asst. Prof.	Thin Films	6	5	2	-
Ms. S Subanya	M.Sc., M.Phil.	Asst. Prof.	Theoretical Nuclear Physics	5	-	-	-
Ms. Aishwarya	M.Sc., M.Phil.	Asst. Prof.	Nanoscience	1y 5m	1	-	-

Name	Qualification	Designation	Specialization	Exp.	PPC	PUB.	Ph.D
Ms.E. Vasumathy	M.Sc., M.Phil.	Asst. Prof.	Thin Flms	1y 4m	1	-	-
Ms. S. Yuvarani	M.Sc., M.Phil.	Asst. Prof.	Quantum Mechanics	1	1	-	-
Ms.S. N. Maheswari	M.Sc., M.Phil.	Asst. Prof.	Fuel Cells	8m	-	-	-
Ms. S. Gokila	M.Sc., M.Phil.	Asst. Prof.	Solar Energy	5m	-	-	-
Dr. G. Pravena	M.Sc., M.Phil.,Ph.D.	Asst. Prof.	Computational Physics	4m	5	8	-
<b>DEPARTMENT OF CHEMISTRY</b>							
Dr A. Shamitha Begum	M.Sc., M.Phil.,Ph.D	HOD & Asso.Prof.	Synthetic Organic Chemistry	35	-	8	-
Dr. P. Jayamani	M.Sc., M.Phil.,Ph.D	Asso. Prof.	Coordination Chemistry	35	-	1	-
Dr K. Parameswari	M.Sc., M.Phil.,Ph.D	Asso. Prof.	Physico Organic Chemistry	31	9	22	-
Dr Chitra Subramaniam	M.Sc., M.Phil.,Ph.D	Asso. Prof.	Physico Organic Chemistry	24	2	20	-
Dr D. Nalini	M.Sc., M.Phil.,Ph.D	Asst. Prof.	Physico Organic Chemistry	14	6	8	-
Ms. P. Kanchana	M.Sc., M.Phil.	Asst. Prof.	Inorganic Chemistry	8	4	-	-
Ms. E. Kayalvizhy	M.Sc., M.Phil.	Asst. Prof.	Organic/ Polymer Chemistry	13	3	2	-
Dr N. Muthulakshmi Andal	M.Sc., Ph.D.	Asst. Prof.	Physical/ Environmental Chemistry	8	27	6	1
Dr G. Selvi	M.Sc., M.Phil., Ph.D.	Asst. Prof.	Organic Chemistry	8	3	1	-
Ms. V. Hemapriya	M.Sc., M.Phil.	Asst. Prof.	Physico Organic Chemistry	12	2	1	-
Ms. N. Shyamaladevi	M.Sc., M.Phil.	Asst. Prof.	Environmental Chemistry	4	7	1	-
Mrs. K. Kalaiselvi	M.Sc., M.Phil.	Asst. Prof.	Physico Organic Chemistry	8	6	2	-
Ms. G. Sathya Priyadarshini	M.Sc., M.Phil.	Asst. Prof.	Coordination Chemistry	5	3	-	-
Ms. R. Kayalvizhi	M.Sc., M.Phil.	Asst. Prof.	Organic Chemistry	5	4	-	-
Ms. Sowmya Ramkumar	M.Sc., M.Phil.	Asst. Prof.	Physico Organic Chemistry	4	2	-	-



### Research

Numerous strategies are adopted to promote research among the faculty and students such as organization of seminars and conferences with funding from RSC, CSIR, CECRI, IAS, DST, TNSCST, TANSCH, DRDO and NCSTC. ***In the period under review, a sum of ₹ 3,89,000 has been raised towards this activity.***

Faculty also undertake major and minor projects with funding from national agencies. DRDO has ***funded a sum of ₹22.54 lakhs*** for projects on 'Biosorbants in the Heavy Metal removal from Industrial Effluent and Wastes' and ***₹8.25 lakhs for the project*** on 'Novel Polyesters as Corrosion Inhibitor for Metal'. One project submitted to UGC is under processing.

Faculty and students present their research findings in seminars and conferences. There are 41 publications in national and international journals and ***2 books published by MSK publishers with ISBN No.978-93-80060-736 and 978-9-80060-72-9.*** The citation index on an average is 70% and the average impact factor of the publications is 2.7. ***One faculty member is presenting a paper in the international conference organized by NACE, Corrosion Society, Florida, USA.*** Three faculty members have received their Ph.D degrees during the assessment period. ***One faculty member from the Department of Physics has filed for patent an invention titled 'Mobile Bug'.***

14 faculty members are guiding M. Phil projects and 4 members Ph. D programme. At present there are 11 Ph.D and 14 M. Phil students. 100% of the UG, M.Phil and Ph.D scholars do in-house projects while the PG students do projects in collaboration with industries and other institutes.

There are separate students' laboratories and research laboratories, internet facilities for staff and students and also Wi-Fi connection available round the clock. About 3441 library books and 9 journals are in the department library.

### Students profile

Majority of the students belong to the same state with 2-6% from other states for UG and PG under aided stream, but 40-66% students are from other states in self financing stream of the M.Sc. course. When it comes to research the other state students are 13-46%.

Students equip themselves for the competitive world by appearing for NET/SLET examinations and faculty members help them in their preparations for the competitive examination. Two students have cleared the examination. Since 2008 the first year PG students are carrying out their summer projects in renowned institutions such as IGCAR, CECRI, IISc, IIT- Kolkata, Bhubaneswar and Gauhati.

***One student has received a sum of ₹ 6 lakhs under the Moulana Azad fellowship*** from UGC minority community scheme for a period of 3 years.

Placement records and students pursuing higher studies show an increase in the progressive scale, from 75%-81% among students advancing from UG to PG 75%-90%; 25%-40% in students focusing towards a research career namely M.Phil and Ph.D programmes respectively. About 5%-14% of the students are recruited in on-campus selection while about 20%-30% in the off-campus selection.

Students below the poverty line are helped by the management with scholarship and fee concessions. 8 students get fee concession apart from 2 sports students.

Many of the alumni are in prestigious positions such as Managing Director, Subha Plastics; Scientist-ISRO, Trivandrum; Senior Manager-CIMA labs., USA; Regional Joint Director of Collegiate Education, Madurai district; Principal, Valliyammal College; Managing Director, Sharp Electrodes; Post doctoral fellows, entrepreneurs and employees of software firms both in India and abroad.

### ***Community services***

Students and faculty participate in extension activities like teaching English to rural school children, collecting books and setting up rural libraries, training SHG women on soap making, liquid blue preparations etc. and also organizing legal awareness campaigns for them. Free eye-camps and health check-ups are also frequently organized.

### ***Awards and consultancy services***

The department of Chemistry was instrumental in getting ***a grant from DST-FIST “0” level of ` 50 lakhs in 2011.*** The department offers consultancy services for recording and analyzing IR, UV, polarization and impedance data for samples received from other colleges.

***One faculty in Physics was invited to deliver a lecture in the Second Annual World Congress of Nanoscience and Technology in China.*** A faculty in Chemistry has received the ***Young Scientist Award*** from TNCST in 2012.

### ***SWOC of the departments***

- ◆ The strength of the departments include well qualified and experienced faculty members, 100% admission in UG, PG and research programmes, 100% pass in all courses, quality research projects and publications in reputed journals.
- ◆ The weakness of the departments is that UG and PG students pursuing higher studies is

meagre. The course does not attract students since it involves long hours of work with acids/vapours and corrosive metals. Physics department has to intensify its research activities.

- ◆ Opportunities range from teaching profession, R&D laboratories, medical transcriptions, BPOs, quality analysis etc. Students also enroll themselves as JRF/RA in major projects funded by reputed organizations.
- ◆ The challenges include enabling students to clear competitive exams like NET/SET/GATE; publishing research articles in journals with high impact factor. faculties to qualify with doctoral degree, MoU and tie up with foreign universities and industries for the better progress of the student community. The Physics department aims at developing a 'Centre for Learning' with advance research facilities.

#### *Future plan of the departments*

- ◆ To attract a wider range and a larger number of creamy layer of students,
- ◆ To establish MoU's and tie ups with more number of reputed organizations,
- ◆ To improve the competency of the teachers through lecture workshops and training programmes.
- ◆ To strengthen more industry-institute interface programmes and
- ◆ To improve students' skills to get placement in reputed organizations and industries.
- ◆ The future plan of the Physics department is to elevate into a research department in the next academic year.

### **5. BIOLOGICAL SCIENCES**

#### *Programmes offered*

Botany - B.Sc., M.Sc., M. Phil. and Ph. D. in Botany

Zoology - B. Sc Advanced Zoology and Biotechnology

UGC sponsored add on course in Commercial Horticulture at the certificate, diploma and advance diploma levels are offered to promote self employment opportunities. MoUs have been established with Ramya Nursery and Kasiraja Herbals to provide practical training. The Department of Botany is elevated to the status of DST - FIST sponsored department in 2009 with a grant of `32.8 lakhs leading to improvement in infrastructure such as modernization of laboratories, installing modern equipments, undertaking advance level research and purchasing books worth ` 5 lakhs that are value additions under this scheme. The department has been a pioneer in the college in introducing many innovations.

**Faculty Profile**

Name	Qualification	Designation	Specialization	Exp.	PPC	PUB.	Ph.D
<b>DEPARTMENT OF BOTANY</b>							
Dr. V. Sashi	M.Sc., M.Phil., Ph.D.	Asso.Prof.	Microbiology	32	13	24	2
Dr. R.S. Meera Bai	M.Sc., MPhil., B.Ed., PGDCA . Ph.D.	Asso.Prof.	Microbiology	29	13	7	4
Dr. S. N. Padma Devi	M.Sc., MPhil., BEd., Ph.D.	Asso.Prof.	Microbiology	17	1	7	-
Dr. C. Krishnaveni	M.Sc., MPhil., BEd., Ph.D.	Asso.Prof.	Microbiology	14	7	2	-
Dr. M. Kamalam	M.Sc., MPhil., Ph.D.	Asst. Prof.	Medicinal Plants and Tissue Culture	12	10	2	-
Dr. S. Poornima	M.Sc., MPhil., Ph.D.	Asst. Prof.	Embryology and Tissue Culture	12	11	2	-
Dr. K. Gajalakshmi	M.Sc., MPhil., PhD	Asst. Prof.	Genetics	5	-	2	-
Dr. K. S. Tamil Selvi	MSc, MPhil Ph.D.	Asst. Prof.	Microbiology and Forest Botany	9	5	2	-
Dr. M. Kanchana	MSc, MPhil Ph.D, PGDBI	Asst. Prof.	Genetic Engineering	5	3	2	-
Dr. S. Vinodhini	M.Sc., MPhil., Ph.D.	Asst. Prof.	Bioprocessing	7	2	5	-
Dr. W. Suganya	MSc, M.Phil., PhD	Asst. Prof.	Microbiology	7	3	1	-
Dr. R. Sumathy	M.Sc., M.Phil., Ph.D,	Asst. Prof.	Microbiology	1	1	-	-
Mrs. R. Ashli	M.Sc., M.Phil.,	Asst. Prof.	Microbiology	1	-	-	-
<b>DEPARTMENT OF ZOOLOGY</b>							
Dr.N.Ezhili	M.Sc., M.Phil., B.Ed., Ph.D. MBA.	Asst.Prof. & HoD	Environmental Science Limnology and Aquaculture	12	11	3	-
Dr.P.B.Harathi	M.S., M.Phil., Ph.D.	Asst. Prof.	Environmental Science-GIS	5	3	3	-
Mrs.P.Susheela	M.Sc., M.Phil.,	Asst. Prof.	Entomology	3	1		-
Dr.R.Rama	M.Sc., M.Phil., Ph.D.	Asst. Prof.	Fishery Biology	2	1	1	-
Dr.R.Radha	M.Sc., M.Phil., Ph.D.	Asst. Prof.	Entomology	6mon.	5	4	-

The Botany department has a dedicated team of 13 faculty members - 12 teachers with Ph.D qualification and one member is pursuing Ph.D currently. The fields of specialization are Microbiology, Molecular Biology and Tissue Culture. The total faculty strength of the Zoology

department is 5, out of which 4 members are qualified with Ph.D. They are specialized in Entomology, Aquatic Toxicology and Immunology.

The use of over head projectors, LCD slide projectors and models supplement class room teaching. The departments have also promoted ICT enhanced learning through video conferences. Faculty members update themselves by regularly attending training programmes and workshops. To mention a few training programmes attended by faculty:

- 16 days DST sponsored workshop at CFTRI, 2010
- Two days workshop on Grand Skill Activity and IPR conducted by DST and BIRAP at Hyderabad in 2012
- One week training in Food Technology – Food Safety and Quality at TNAU in 2010.
- Two days Entrepreneurial Development Training conducted by EDII, Ahmedabad, in 2012.

Faculty members of Botany attended 19 national and international conferences / workshops. 44 papers have been presented by faculty in the national and international seminars. One faculty member presented a paper at the International Conference on Sustainable Energy and Environmental Sciences, Singapore in February 2012. Her travelling expenses were supported by UGC.

### **Curriculum reforms**

To focus on the latest trends in the subjects and to enable the students to prepare for UGC, NET / SET / ARS / IFS examinations the curriculum is restructured with the introduction of courses on Molecular Techniques, Forestry, Food and Nutrition, Bioinformatics, Biotechnology, Nanotechnology, Phytopharmaceuticals and Genetic Engineering. Nutrition and Dietetics and General Biology of Man are the open courses offered. Vermiculture and Mushroom culture are the Job oriented courses and Biological Techniques and Bio Instrumentation are offered as an interdisciplinary course to other science disciplines at the PG level.

### **Research**

***The Botany department has the unique privilege of being the fore runner in promoting research activities in the campus*** with the introduction of M. Phil programme in 1981 and Ph.D programme in 1989. ***An exclusive infrastructure for research has been established*** with funding from DST and UGC supplemented with management funds. Certain sophisticated instruments available in Botany department are AAS, HPLC, Gel doc, Lyophiliser, Millipore water purification system, ELISA reader, PCR etc.

There is an active involvement of all the faculty in research with **5 ongoing major projects, 2 major projects and one minor project that were completed in the past three years**. 3 more major projects are awaiting sponsorship from UGC. All the above have fetched an amount of **₹ 78 lakhs to the department. The department also has the unique privilege of being the only one in the college with all faculty being doctorates**, of whom 9 members are recognized guides of the Bharathiar University. Currently there are 15 Ph.D students and 4 M.Phil students. 10 Ph.D and 15 M.Phils have been produced during the period under review. Two Ph.D scholars are receiving financial assistance as research fellows under major projects. **Two Ph.D students are receiving a fellowship of ₹ 6.6 lakhs and ₹ 2.5 lakhs respectively as Rajeev Gandhi fellowship. An outstanding event of the current year is the patent registration executed by a Ph.D Scholar for the product**, a herbal medicine for domesticated animals, which will be commercialized soon – thus the department has established a benchmark for quality research.

The departments have conducted seminars including two international seminars with a **financial assistance of ₹ 4.1 lakhs** from various funding agencies like UGC, CSIR, MOEF, DST, DBT, DRDO and TNSCST. Botany department has conducted a Lecture workshop on 'Molecular and Developmental Biology' and a fourteen days **refresher course on 'Plant Science'** supported by Science Academia **with ₹5 lakhs grant**. Eminent scientists from IISC, Bangalore; TNAU, Coimbatore; MK University, Madurai; University of Agricultural Sciences, Bangalore; Sri Ramachandra University, Chennai and Sri Bannari Amman Institute of Technology, Sathyamangalam were the resource persons. **A workshop on 'Modern Technologies in Crops Improvement' was organized for twelve days with sponsorship from DBT and UGC to the tune of ₹ 1.5 lakhs**. The departments have played a key role in motivating the students to become entrepreneurs through the IEDC projects sponsored by DST. **8 innovative products developed with a financial assistance of ₹ 8 lakhs** were executed in the past three years. A noteworthy feature is that one of the projects **'Textile design from animal sources' is awaiting patent** for the product as well as the process, which is to be popularized commercially in textile and printing industries.

The departments have published 43 research papers in national and international journals. **Two research manuals with ISBN 978-3-8473-1411-0 and 978-81-907494-7-3 have been published in 2012**. 40 guest lectures were arranged by inviting resource persons at national and international levels. Interface meetings with scientists of international repute from the university of Sydney, Australia, Agricultural Research Institutes, CFTRI and various universities in India have helped to enhance research activities of the department.

### Students profile

Over the years, there has been an increase in demand for UG and PG courses with all seats getting filled up. On an average 3% of students in UG and 8% of students in PG are from outside the state. The pass percentage is 100%. Students progression to higher studies is 50% to PG courses and 9% to research programmes. Number of students opting for B.Ed. courses outnumber those pursuing PG program. 75% of the students who are in need of employment are recruited in subject specific areas such as Rasi seeds, Indo – American hybrid seeds, research institutes and educational institutions. Some of them are placed in private and public sector offices and software companies.

On compassionate grounds 7 students received management assistance of free lunch and 8 students fee concession to continue their studies. 41 students received state government community based scholarships in the current year. Two PG students received an education scholarship of `40000/- each under the scheme Indira Gandhi scholarship for single girl child in the year 2011 – 2012. These scholarships help the students who are below the poverty line to sustain interest in their studies and complete their courses. Students are motivated to present papers in seminars. 8 PG students have presented papers in seminars and 4 of them have won prizes for the best paper presented.

Students take an active interest in co-curricular and extra curricular activities promoted by the departmental associations. They play a participatory role in organizing *Vanamahotsava* and wild life week celebrations, which play a key role in maintaining a green campus. In 2008 ***one NCC cadet participated in the RD parade***, three students participated in the ***Himalayan Trekking expedition clearing 17000 feet in 2011*** and two students participated in ***National Himalaya Yoga Olympiad 2010*** and one student won the ***championship in the Tamil Nadu State Yoga Competition in 2010***. In the current year one student distinguished herself with a first position in the competition conducted by the Tamil Nadu Yoga Association.

Every year students are taken on educational tours to Ooty / Kodaikanal / Yercaud /Munar/Thrissur etc., to study the flora, fauna and the ecosystems.

### Community programmes

Community programmes are organized with an objective to transfer the knowledge gained in the lab to the benefit of the society. Some of the activities undertaken by the department are

- Demonstration of vermi compost and organic farming
- Mushroom cultivation
- Health awareness programmes
- Maintenance of nursery
- Production of bio-briquettes from solid wastes.



- Production of eco- friendly products.

The beneficiaries are rural women, tribal women and women from NSS adopted villages. Some of these programmes were organized jointly with the UGC sponsored centers of the college. Certain unique events are imparting entrepreneurial skills to rural women / SHG women on vermi composting and preparation of Soya Paneer (Tofu) for which *financial assistance of`80000 from TNSCST –DIT in 2009 and 2011 respectively* was granted.

### *Awards and consultancy services*

The awards are a 'bench mark' of quality. Botany department has received the **Best Department Award** twice from the *management*. **Best Faculty Award** instituted by CTS was *received by 3 faculty members*. The department offers consultancy services for taking microphotographs, readings and data analysis with HPLC, AAS and biodiesel production.

### *SWOC of the departments*

Strengths of the Department include ICT enabled classrooms and state -of - art laboratories, DST-FIST sponsored laboratory with latest instruments to work in the fields of Microbiology, Enzymology, Biofuel, Fermentation Technology, Biofibre Technology, Waste Management, Molecular Biology and Genetic Engineering. All faculty members are doctoral degree holders with specialization in various fields. Faculty members coordinate various co-curricular activities such as Ecowatch club, YRC, YiNET, UGC- CSIR coaching etc., conducting national and international seminars with funding from a minimum of two agencies.

Strengths of the Zoology department include 2 ongoing UGC Major Projects, four DST- IEDC projects and registering for patent in one of the projects.

Weaknesses of the Botany department are low demand for short term research programme like M.Phil. course and the preference of the students shifting to Ph. D programme. Publication in high indexed journals is low. Patent registration is at infancy stage and resource generation through consultancy is meagre.

Weaknesses of the Zoology department is that there is no PG programme.

Opportunities include, establishment of schools of specialization, industry based research and consultancy services, publication in high indexed journals ,improvement of research to promote more patents.

Challenges of the departments are to increase placement opportunities for students in subject specific fields like phytopharmaceutical, tissue culture and biotech companies, to improve the communication skill and entrepreneurship skills of the students.



### ***Future plans of the departments***

- ◆ Develop strategies to enhance patenting,
- ◆ Publication in high indexed journals,
- ◆ Research consultancy to industries,
- ◆ Departmental accreditation by national agency,
- ◆ Collaborative research in interdisciplinary fields and with institutions of international repute.

## ***6. COMPUTER SCIENCE AND ALLIED COURSES***

### ***Programmes offered***

MCA(1994), Ph.D. in Computer Science.

B.Sc (Computer Science), M.Sc Computer Science (2011) B.Sc. (ISM) (2009)

B.Sc. (IT) (2009), M.Sc (IT) (2011)

BCA (2007), M.Phil (2004)

All the courses are under the self funded scheme. For the purpose of good administration the various courses are under the care of four faculty members.

### ***Curricular reforms***

The department of Computer Science offering 4UG and 3PG courses in Computer Science and allied courses is one of the biggest departments with student strength of around 1450. The department offers '**Multimedia and DTP**' '**PC Hardware**' and '**Net Working**' as add on courses, '**Game Technology**' and '**Mobile Applications**' & '**PHP/MYSQL**' (GES educational system) as Job oriented courses. 'Introduction to Computer and Operating System' is offered as an open course.

### ***Value Added Courses***

Courses on 'Designing', 'Multimedia', 'PHP/ MY SQL', 'Game Technology', 'Mobile Applications' and 'Computer Network Security Analysis' are the value additions to the course.

### ***Faculty profile***

There are more than 46 faculty members, which includes 32 staff with M.Phil. degree, 13 have MCA and one staff with Ph.D as the highest educational qualification. Faculty members participate in faculty development programmes organized by ICTACT. "**Computer Application and Recent Trends in Digital Animation Industry**", '**Innovations in the Digital World**' are the important international conferences conducted by the department. Students are exposed to the nuances of cyber crime and android through special lectures. The departments have organized 5 international seminars, 70 guest lectures and 24 workshops.

**DEPARTMENT OF COMPUTER APPLICATIONS (MCA)**

Name	Qualification	Designation	Specialization	PUB.	PPC	Ph.D
Dr.M.S. Vijaya	M.C.A. M.Phil.,Ph.D	Asso.Prof & Head	Data Mining	29	29	-
Ms.S.Karpagavalli	M.C.A., M.Phil	Asso.Prof	Speech Recognition	8	13	-
Ms.N.Radha	M.Sc. M.Phil.	Asso.Prof	Biometric Security	9	13	-
Ms.K.Sathiya Kumari	M.C.A., M.Phil.	Asso.Prof	Data Mining	9	9	-
Ms.R.Kowsalya	M.C.A.,M.Phil.	Asso.Prof	Net work Security	4	5	-
Ms. V.Preamsudha	M.C.A.,M.Phil	Asso.Prof	Data Mining	14	6	-
Ms.P.Anupriya	M.C.A.	Lecturer	Speech Recognition	2	4	-
Ms.V.Kalaimani	M.C.A.M.Phil.	Lecturer	-	-	4	-
Ms.Thilagavathi	M.C.A.	Lecturer	Software Engineering	-	2	-
Ms.Revathi	M.Sc.,M.Phil.	Lecturer	Computer Networks	-	3	-
Ms.Gayathri	M.Sc.,M.Phil.	Lecturer	Parallel Processing	-	-	-
Ms.Ramya	M.C.A.	Lecturer	---	6m	-	-

**DEPARTMENT OF INFORMATION TECHNOLOGY**

Name	Qualification	Designation	Specialization	Exp.	PPC	PUB.	Ph.D
				10	2	-	-
Ms. R.Amsaveni	M.Sc, M.Phil	Asst. Prof.	Data Mining	8	1	-	-
Ms. E.M.Suganya	MCA, M.Phil	Asst. Prof.	Networking	6	-	-	-
Ms. M.Krithika Renuka	MCA, M.Phil	Asst. Prof.	Networking	6	-	-	-
Ms. T.Thendral	M.Sc, M.Phil	Asst. Prof.	Data Mining	3	-	-	-
Ms. S.Meera	MCA, M.Phil	Asst. Prof.	Networking	6	-	-	-
Ms. S.Ramya	MCA	Asst. Prof.	Image Processing	1	-	-	-
Ms. J.Maria Shyla Thomas	MCA, M.Phil	Asst. Prof.	Data Mining	5	-	-	-
Ms. T.Hashni	M.Sc, M.Phil	Asst. Prof.	Agent Based Computing	4 months	1	1	-
Ms. L. Sheeba	MCA	Asst. Prof.	Data Mining	4 months	1	1	-
Ms. A.Sindhu	MCA	Asst. Prof.	Computer Architecture	1	-	-	-

## DEPARTMENT OF COMPUTER SCIENCE

Name	Qualification	Designation	Specialization	Exp.	PPC
Ms. S.C.Punitha	M.Sc., M.Phil., MFT, (Ph.D)	Asst. Prof.HOD	Data Mining	17	15
Ms. D. Kavitha Devi	M.Sc., M.Phil.	Asst. Prof.	Digital Image Processing	6	10
Ms. C. Arunpriya	M.Sc., M.Phil.	Asst. Prof.	Data Mining	6	7
Ms. R.Kavitha	M.Sc., M.Phil.	Asst. Prof.	Data Mining	5	4
Ms. A.S. Kavitha	M.Sc., M.Phil.	Asst. Prof.	Data Mining	4	2
Ms. J. Viji Gripsy	M.Sc., M.Phil.	Asst. Prof.	Networks	4	5
Ms. V. Anitha	MCA	Asst. Prof.	Data Mining	3	3
Ms. P. Sivagami	M.Sc., M.Phil.	Asst. Prof.	Data Mining	2	1
Ms. K. Vaishnavi	MCA	Asst. Prof.	Digital Image Processing	2	3
Ms. R. Jayasree	MCA	Asst. Prof.	Data Mining	1	2
Ms. S. Kanagarathinam	MCA., M.Phil.	Asst. Prof.	Data Mining	5	-
Ms. N. Deepa	M.Sc., M.Phil.	Asst. Prof.	Data Mining	2	-
Ms. V.Santhanalakshmi	M.Sc., M.Phil.	Asst. Prof.	Data Mining	-	-
Ms. J. Shalini	M.Sc., M.Phil.	Asst. Prof.	Data Mining	-	-
Ms. V. Suganya	M.Sc., M.Phil.	Asst. Prof.	Data Mining	-	-

## DEPARTMENT OF BCA

Name	Qualification	Designation	Specialization	Exp.	PPC
Ms. K. Geethalakshmi	MCA, M.Phil.,	HOD	Image Processing	6	3
Ms. S. Mythili	MCA	Asst. Prof.	Data Mining	3.5	-
Ms. S. Mohanapriya	MCA	Asst. Prof.	Data Mining	3	-
Ms. M.Selvanayagi	M.Sc., M.Phil.	Asst. Prof.	Data Mining	2	-
Ms. E.Madhiya	M.Sc., M.Phil.	Asst. Prof.	Networks	2	-
Ms. V. Thahira banu	M.Sc., M.Phil.	Asst. Prof.	Soft Computing	6	-
Ms. T.S.Anushya Devi	M.Sc., M.Phil., B.A. B.Ed.	Asst. Prof.	Data Mining	1	-
Ms. R. Lavanya	MCA	Asst. Prof.	Networks	5	-
Ms. T.Saranya	MCA., MBA	Asst. Prof.	Data Mining	1	-

### Research

Faculty members have published articles in international journals with impact factor ranging from 1 – 6. The faculty of department of MCA have published research papers in 18 international conferences, 4 national conferences and 34 publications in international journals and 1 in national journal. The department has 4 research supervisors recognized for guiding M.Phil and one for Ph.D programme. Faculty of Information Technology have published about 11 research papers. Faculty of the department of Computer Science have published 12 research papers and one book.

The department has facilities such as reprographic, WAN, LAN, Internet connectivity, educational multimedia packages and automated services. The department organizes PDP programmes which include analytical skill development, oral communication, career counseling programmes.

### Student profile

To help the students coming from diverse disciplines to merge into a single stream an ***academic orientation programme is organized every year for the first year MCA students***. The programme gives a good start to the post graduate learning journey of the students and examines the pitfalls to be avoided. Almost all the students do projects in collaboration with Industries.

***About 90% placement both on and off campus*** reveals the strength of the syllabus and significance of value added courses. They are also placed as software developers in CTS, IBM; officers in Banks, scientific officers at NIC, New Delhi etc.

The students association conducts Intercollegiate IT meet “CYBERSPRINT”. The meet enlists enthusiastic participation of postgraduate students in Computer Science to explore and share the latest trends in IT field, to experience the different facets of Information Technology.

Community oriented programme on computer literacy for school teachers and students of corporation school with particular reference to MS office and effective use of Internet was conducted by the students.

### SWOC of the department

- ◆ Good admission, good results, add-on courses, job oriented courses, ***effective teaching learning process by MOODLE, Active CSI student chapter, good industry exposure and high percent of placement are the strengths of the department.***
- ◆ Weaknesses include that many staff members are yet to complete Ph.D. and have not undertaken funded projects.

- ◆ Good opportunities exist for more placements in IT and Management jobs and to pursue research in different fields with the support of post graduate students.
- ◆ One of the greatest challenges for the departments is to have continuous up-dation in the field and thereby produce industry ready students for IT and communication industry.

## 7. COMMERCE

Being an all women's college, the institution has brought in its wake in 1972-73, ***commerce education for women at the under graduate level, for the first time in the history of Tamil Nadu.*** Since then there has been a forward march in tune with the demands of the stakeholders viz., students, parents, employers, and research organizations, when in the new millennium B.Com (Computer Applications) was introduced in 2000, The growing need for e-commerce education worldwide has resulted in the starting of B.Com (e-commerce) course in 2005-06. As a special initiative in the field of the inevitable actuarial management, B.Com (A.M) was introduced in 2006 - 07 the first of its kind in Tamil Nadu at under graduate level. With a well defined emphasis on professionalism particularly in the lineage of the chartered accountants, B.Com (P.A) was started in the year 2010 to facilitate the students to enter the field with confidence and determination. The year 2012 has witnessed the initiation of B.Com (F & A) to support the emerging trends in finance and accounting at the under graduate levels. The growing propensities in the growth of academics, research, career and professional venues have brought about a smooth transition into the establishment of the post graduation course in Commerce, (M.Com) during the year 2003 - 04 and research activities through M.Phil and Ph.D Programmes in 2005 - 06. Career oriented add on courses on '***Entrepreneurial Development***', '***Human Resources Management***', '***Advertising and Sales Promotion***' are conducted after the working hours to provide a practical exposure. With the ***MoU established with Tata Consultancy Services, an industry oriented curriculum is being developed*** and a new course is likely to be introduced in the next academic year.

### Faculty Profile

Out of 36 faculty members 7 are Doctorate Degree Holders, while others with M.Phil qualifications. 19 of these members have also accredited themselves with PGDCA qualifications. 2 faculty members have been awarded Ph.D Degree during the period under review. The faculty members also hold additional responsibilities as the coordinator for IQAC, YI-NET, E-CELL and IEDC Project. The entrance examinations for ACS (Institute of Company Secretaries of India), ACA (Institute of Chartered Accountants of India) and AICWAI (Institute of Cost and Work Accountants of India) have been coordinated by the faculty members in collaboration with the relevant Institutes.

Name	Qualification	Designation	Specialization	Exp.	PPC	PUB.	Ph.D
Dr. N.Yesodha Devi	M.Com., Ph.D.	Principal	Finance	33	-	10	1
Dr.P.Shakunthalamani	M.Com., M.Phil.,Ph.D.	Asso. Prof. & HOD	Finance	35	-	1	-
Dr.R. Rameshwari Ramchandra	M.Com., M.Phil., BAL., Ph.D.	Asso.Prof.	Finance	34	26	12	2
Dr.R. Vijayalakshmi	M.Com., M.Phil.,Ph.D.	Asso.Prof.	Marketing	33	4	6	-
Ms. G.Kalavathi	M.Com., M.Phil.	Asso.Prof.	Marketing	32	3	-	-
Dr.S.Suma Devi	M.Com., M.Phil.,Ph. D.	Asso.Prof.	Banking	26	6	8	-
Dr.M.Nagamani	M.Com., M.Phil.,B.Ed., PGDCA.,MBA., Ph.D.	Asso.Prof.	Finance	23	8	4+1	-
Ms.R.Nithya	M.Phil.	Asst.Prof.	Finance	7	15	-2	-
Ms. R.Krishna Kumari	M.Phil.	Asst.Prof.	Marketing	7	17	-	-
Ms.S.Sujatha	M.Phil.	Asst.Prof.	Marketing	5	15	5	-
Ms.J.Lilly	M.Phil.	Asst.Prof.	Finance	5	18	10	-
Ms.P.Shanthi Priya	M.Phil.	Asst.Prof.	Marketing	7	16	-	-
Ms.L.Nithya	M.Phil.	Asst.Prof.	Marketing	7	16	2	-
Ms.P.Usha	M.Phil.	Asst.Prof.	Marketing	7	7	1	-
Ms.S.Geetha	M.Phil.	Asst.Prof.	Marketing	5	7	3	-
Ms.R.Jaya Sathya	M.Phil.	Asst.Prof.	Marketing	3	9	1	-
Ms.R.S.Kanimozhi	M.Phil.	Asst.Prof.	Marketing	6	13	2	-
Ms.G.Indrani	M.Phil.	Asst.Prof.	HR	7	7	1	-
Ms.G.Rekha	M.Phil.	Asst.Prof.	Marketing	1	5	-	-
Ms.R. Vasanthi	M.Phil.	Asst.Prof.	Finance	4	4	1	-
Dr. G. Kavitha	Ph.D.	Asst.Prof.	HR	16	15	4	-
Ms. B. Thulasi Priya	M.Phil.	Asst.Prof.	Finance	6	18	2	-
Ms. M. Rajarajeshwari	M.Phil.	Asst.Prof.	Finance	5	12	1	-
Ms.L.Kalpana	M.Phil.	Asst.Prof.	Marketing	1	2	1	-
Ms.Nancy Sebastina	M.Com.	Asst.Prof.	Marketing	1	7	5	-
Ms.S.Lalithamani	M.Phil.	Asst.Prof.	Finance	2	-	-	-
Ms.C.Gomathy	M.Phil.	Asst.Prof.	Marketing	5	12	2	-

Name	Qualification	Designation	Specialization	Exp.	PPC	PUB.	Ph.D
Ms.D. Vijayalakshmi	M.Phil.	Asst.Prof.	Finance	6	15	7	-
Ms. N. Meenakshi	M.Sc.	Asst.Prof.	Acturial Science	1	3	-	-
Ms.C.Anithamary	M.Phil.	Asst.Prof.	Finance	2	1	-	-
Ms.S.Vijayalakshmi	M.Phil.	Asst.Prof.	Marketing	11	12	4	-
Ms.K.R.Malarchitra	M.Phil.	Asst.Prof.	Finance	6	3	1	-
Ms.S.Asha	M.Phil.	Asst.Prof.	Marketing	6	2	2	-
Ms.R.Gayathiri	M.Phil.	Asst.Prof.	Marketing	2	-	-	--

The faculty members also hold additional responsibilities as the co-ordinator for IQAC, Yi Net, e-Cell, IEDC project, etc.

### **Research**

There are 7 recognised guides for Ph.D and M. Phil and 24 guides for M. Phil. The Commerce department has produced 11 Ph.Ds and 28 M.Phils during the past four years. Currently 17 M.Phils 2 Ph.D. full time scholars and 23 Ph.D. part time research scholars are pursuing their research. **Three staff members have received UGC and ICSSR sponsored research projects worth ₹7,87,575.** The department conducted a seminar on 'Corporate Social Responsibility –A Social Relevance' with **a funding of ₹ 1,10,000 from UGC.** Five staff members have published 34 articles in various books and journals.

### **Student Profile**

Considering the **approved 1,400 student strength of all the Commerce Courses**, the **demand for the B.Com course has been four times the sanctioned strength**, with B.Com (C.A) having a demand ratio of twice the admitted number. Three fourths of the applicants of B.Com (A.M) have been admitted into the course and the demand for the Post Graduate Course M.Com has been twice the offered seats. The students generally hail from Tamil Nadu with about 10 to 15 per cent representing other states in India.

**All the Commerce programmes are in the lime light with almost cent per cent success rate.** 58 per cent of the under graduates have pursued their academic interest with the others leaning towards professional qualifications and seeking placement opportunities. 30 per cent of the post graduates have entered the research programmes.

The students have excelled in all extra curricular and co curricular activities, leaving their foot prints at national/ international levels in Yoga, sports, inter collegiate competitions (quiz, oratory, debates, essay competitions, and others), seminars and conferences. ***Two students have entered the Guinness Book of World Records as international achievers in composing poems in Tamil with international acclaim and accolades during the 72 hour international platform in December 2011*** where selective 1001 poets had participated from all over the world.

The coaching classes for professional courses supported at the college premises (Chartered Accounting and Company Secretary ship) have enjoyed good enrolment of students.

### ***Awards received***

- ◆ ***“Smiling Public Service” award*** from CRPF with Rotary Club of Tex City on the occasion of International Women's Day 2012. and ***“Magalir Kalvi Mamani” award*** by Thyaga Nanbargal Kulu to Principal in 2012, who belongs to the Commerce faculty.
- ◆ One faculty in Commerce ( aided) has received ***Best Yi-Net Co-ordinator award*** at national level.
- ◆ 2 students in final year B.Com. have won ***Best NSS Volunteer award at the state level*** and one student has been awarded ***the Indra Gandhi National Award in 2011***.

The history of success has resulted in a ***perennial demand for the commerce courses at all times, till date***. The holistic methodology employed in the interactions with the students in the class rooms has gradually resulted in elevating ones' own self in all fields of curricular, co-curricular and extra-curricular activities. With an excellent course content in every course offered by the departments, ***alumni have created a niche' for themselves and their Alma Mater, both academically and professionally. Scores of alumni have entered the professional arena as practising chartered accountants, cost accountants, financial analysts, corporate secretaries, lawyers, tax consultants and full fledged acadamecians and administrators, both in India and abroad.***

### ***SWOC of the department***

A self analysis has revealed the following.

### ***Strengths***

- ◆ Experienced and committed faculty, relatively good input of students, good networking with subject experts and interest in research.
- ◆ Up-dation of syllabus and curriculum based on current trends, widening knowledge in Commerce and Accounts, creating a strong hold in the field of computer languages,



developing skill through practical learning and providing industry exposure through system based projects.

- ◆ Alumni in distinguished positions at national and international levels.

### **Weaknesses**

- ◆ Low demand for M.Phil, with the preference shifting to Ph. D programme.
- ◆ Lack of stability in faculty members in the self financing division.

### **Opportunities**

- ◆ Assured placement, job opportunities in IT field and in Commerce, scope for higher studies and enrollment in professional courses.
- ◆ Possibilities exist to extend consultancy services to outsiders, to increase publications, to organize international conferences.

### **Challenges**

- ◆ Improving the communication skills of the Tamil medium students,
- ◆ Effective community oriented programmes and
- ◆ To motivate students to enroll in more extra-curricular and co-curricular activities.

### **Future Plans**

- ◆ Continuing the close network established with industries, parents and alumni,
- ◆ Academic excellence with traditional values
- ◆ Updated curriculum to suit industrial needs
- ◆ Consultancy services to be optimized with the available expertise
- ◆ Mentor-facilitator relationship to reflect in the personality shaping of the wards.

## **8. BUSINESS MANAGEMENT (UG)**

The Management Department was established in the year 1987, offering UG,PG, M.Phil, Ph.D, programmes. BBM (IB) was established in 2006 and BBM (RM) in the year 2007 under the Self funded stream.

The BBM (aided) department offers '**Basics of Business Management and Organisation**', '**Income Tax**' and '**Indirect Tax**' as allied subjects. BBM (IB) offers '**Basics of International Business**' and BBM (RM) '**Principles of Retailing**' as open course and '**Organizational Behavior and Management Information System**' and '**Business Ethics**' as allied subjects.

**Faculty Profile**

Name	Qualification	Designation	Specialization	Exp.	PPC	PUB.	Ph.D
<b>DEPARMENT OF BUSINESS MANAGEMENT</b>							
Dr.S.Nirmala	MBA.,M.Phil.,Ph.D	Asso.Prof. & Head	Finance & Accounting	25 years	3	13	13
Dr.S.Poornima	MBA.,M.Phil.,Ph.D, FDP, IIMA	Asso.Prof.	Finance, Systems & Entrepreneurship	6years. (industry) & 22 years in teaching	8	34	26
Dr.A.Kumudha	MA.,M.Phil.,MBA., B.L., B.Ed., PGDPM, PDCM., Ph.D	Asso.Prof.	HRD /Marketing	28 years	14	43	35
Ms.J.Deepa	MBA.,M.Phil.	Asst.Prof.	HRM /Marketing	2 Years	-	2	-
Ms.P.Suganyadevi	MBA.,M.Phil.	Asst.Prof.	HRM /Marketing	2 Months	-	4	3
<b>DEPARMENT OF BUSINESS MANAGEMENT (SF)</b>							
Ms.S. Karthika	MIB.,M.Phil.	Asst.Prof.& Head	International Business	8 Years & 6 Months	-	15	3
Ms.N.V. Kavitha	MSC.,M.Phil.,MBA.	Asst.Prof.	Economics	6 Years	-	25	1
Ms.V.Devipriya	MBA.,M.Phil.	Asst.Prof.	Finance & HRM	5 Years	-	15	3
Ms.M.Kirthika	MBA.	Asst.Prof.	Finance / System	2 Years	-	11	2
Ms.B.Gayathri	MIB.,MBA.,M.Phil.	Asst.Prof.	International Business	2Years	-	10	1
Ms.Y.Benazir	MBA.	Asst.Prof.	HR	2 Years	-	15	3
Ms.T.Sudha Maheswari	MBA., M.Phil.	Asst.Prof.	HR	1 Year	-	3	4
Ms.M.Theivanayaki	MBA.	Asst.Prof.	Finance	3 Months	-	-	2
Ms.K.Sudha	M.Com.	Asst.Prof.	Commerce	2 Months	-	1	-

**Dynamic and need based curriculum**

While framing the syllabus, inputs received through BOS meetings, feedback from faculty members, class committee meetings of the students, interface with the industries are used in developing new curriculum and revising the existing curriculum. As beyond the syllabus scholarly activities, Advanced Learner Course is offered to the meritorious students. ***Add on and job oriented courses are offered to increase the employability of the students.***

### **Faculty profile**

Out of five sanctioned aided posts, three are associate professors with doctorate degree, and have more than 25 years of experience. Two faculties in BBM aided and nine in BBM(IB) and BBM(RM) are assistant professors with M.Phil degree. They are all specialized in Finance, Accounting, Entrepreneurship, HRD and Marketing. 85 percent of the faculty are graduates from the same parent university and 15 percent are from other universities.

### **Research activities**

*In spite of being an undergraduate department, faculty members have evinced keen interest in research. Three faculty members are recognized guides for M.Phil and Ph.D programmes. In the last four years, the department has produced 7 Ph.Ds. and 8 M.Phils. Currently 15 Ph.D and 7 M.Phil scholars are pursuing research work. The department has enriched its standard by improving research activities and publications.* Faculty members have published **65 articles in national and 19 in international journals**. Faculty members have also authored **12 chapters in different books and have presented 170 papers in national and 21 papers in international seminars.**

A book entitled Principles of Management authored by a faculty of BBM was published in 2012. **UGC sponsored minor project was completed** in the area of Marketing during the period 2007-2009. Another UGC sponsored major project is under process. One staff had attended **Faculty Development Programme conducted by IIM-A in 2009** for a period of four months and **another staff had rendered service as teaching faculty in Business Studies, Ibra College of Technology, Sultanate of Oman Malaysia and in Dubai** from 2008 to 2010. 20 percent of faculty members have attended FDP. **One staff member was awarded a certificate of excellence for the research paper entitled 'An Empirical Study on Performance of Mutual Funds' by IJBMT in 2012. Two staff members received the Letter of Appreciation for their contribution in the International Journal of Research in Commerce & Management (IJRCM-May 2012).** Another received recognition for contribution in an International Conference. **One staff member received recognition for being a resource person in an International Workshop - 'Research Methodology' in Ibra College, Oman.** One staff member received **Best Faculty Award in the year 2011-12** given by the college management. Faculty members of BBM (Aided) are the members of BOS, research committees and resource persons to other institutions and colleges. **Head of the Department of BBM holds the additional responsibility as the Director of the Centre for Women Studies** sponsored by UGC and coordinate its activities.

### ***Student enrichment programme***

The department has organized one international conference in the field of Managing Education for Business and Commerce in Globalised World jointly with the department of Commerce and MBA. A National conference on Micro Finance in Enhancing Competitiveness and Growth of Rural Markets in India was organized during the year 2010 and ***the proceedings of the conference was published by Mac Millan & Co. Ltd., New Delhi with the financial support from NABARD. The department has mobilised ₹7, 44, 310 towards major and minor projects and for the conduct of seminars received as grants from diverse agencies.***

The department has organized 14 special lectures, one video conference and two symposia. Faculties from the National University of Singapore, Toledo University & San Diego University, USA, Konkuk University in Seoul, South Korea and King Saud University Dubai are prominent institutions from where the guest speakers participated.

### ***Student profile***

35:1 is the student- teacher ratio. 2 percent of the students have done in-house projects and 10 percent of the students are involved in the industry collaborated projects. With regard to admissions 30, 40 and 100 percent of the applicants were selected for the UG, M.Phil and Ph.D programmes respectively. The department has secured 100 percent results in all the programmes offered. All the students are from the same state for BBM aided and M.Phil courses. 5 percent of BBM(RM) and 10 percent of BBM(IB) and Ph.D scholars are from other states. With regard to students progression to employment 30 percent of the students of BBM, BBM(IB) and 20 percent of BBM (RM) were employed through on campus interviews, while 10 percent were selected by off campus interviews, 20 percent are enrolled for PG programme and 5 to 10 percent became entrepreneurs. Nearly 50 percent of the students of BBM aided got financial assistance through state government scholarships under community quota. ***90 percent of alumni gave a positive report on departmental programmes.***

### ***Community oriented program***

The extension activity of the department is the conduct of personality development programme for SHG women. Third year UG students have done group projects on *Mahalir Thittam*.

### ***SWOC Analysis***

Experienced faculty with research competence, skill based curriculum, adequate infrastructure and good intake of students and research programmes are the strengths of the department.

Temporary staff members in self financing stream and students with poor communication skills are

the weakness.

Collaborative research work and participation in Faculty Development Programmes are the opportunities for future progress.

Sustaining the competitive advantages of the department and improving the placement opportunities are the challenges.

### **Future plans**

- To publish more books on Management
- To take up collaborative research work with world class business school
- To establish MoUs with industries to provide on the job training to faculty and students and to undertake consultancy work.

### **9. MASTERS IN BUSINESS ADMINISTRATION**

The MBA programme has good intake over the years due to qualified and experienced faculty members. Out of 15 faculty members, three have completed Ph.D, Six have completed M.Phil. and seven are pursuing Ph.D. Five faculty members are guiding M.Phil./Ph.D. students. Three faculty members have qualified in NET/SET.

*In line with the Vision and Mission of the institution, the MBA programme is designed and delivered to the students at GRGSMS.* To highlight, there are four important and integral aspects of the curriculum that is exclusive and innovative. It includes Management in Practice (MIP), Criteria to choose specialization, Feb Fiesta and a new initiative to start from Macro to Micro against the traditional way of teaching, which is starting with Micro to Macro.

GRGSMS has revamped the curriculum and two new specializations, '*Financial Services*' and '*Retail Management*' have been introduced recently. *GRGSMS is in collaboration with College of Business Administration, San Diego State University and University of Toledo, USA.* Guest lectures' which form an integral part of teaching enriched the quality of MBA programme. Trimester system is followed.

*The Learning Management System at GRGSMS helps in ensuring consistency in delivery and evaluation of the courses.* It enables faculty to evaluate and track the knowledge and abilities of students in a comprehensive and continuous manner through online quizzes, assignments and forums. Urjith, a mega inter collegiate event to bring out managerial skill of the students is organized every year.

**Faculty profile**

Name	Qualification	Designation	Specialization	Exp.	PPC	PUB.	Ph.D
Prof. Balasubramanian S	BE, PGDM (IIM-C)	Director	General Management	41	-	-	-
Dr.Anitha, J.	BTech, MBA, PhD	Asso. Prof.	HRM	18	11	02	-
Ms.Chitra, R.	MBA, MPhil	Asst. Prof.	Marketing	11	03	02	-
Ms.Gowri,M.	BCS,MCom(CA) MBA,MPhil,	Asst. Prof.	Finance	07	02	-	-
Ms.Gowri Lingeswari, L.	BBM, MBA,	Asst. Prof.	Marketing	5 Y 2 M	06	01	-
Dr.Paramanandam, P.	MSc, MA, MBA, MPhil, PhD	Asso. Prof.	HRM	17	05	05	-
Ms.Sathyapriya, S.	MBA	Asst. Prof.	IT & Systems	02	01	-	-
Ms.Savitha, R.	MBA, MFC	Asso. Prof.	Finance	12	01	01	-
Ms.Senthil Nathan, M.	BE, MBA	Asst. Prof.	Marketing	03	03	-	-
Dr.Sripirabaa, B.	BE, MBA, PhD	Asso. Prof.	HRM	13Y 8 M	12	10	-
Ms.Sunitha Shree, R.	MBA, MPhil	Asst. Prof.	Finance	05	01	-	-
Ms.Subha Ranjani.	B.Tech MBA	Lecturer	Finance	02	01	-	-
Ms.Vandana Madhavkumar.	MBA, MPhil	Asst. Prof.	HRM	04	03	-	-
Mr.Venkatesh Prabu.	MBA, MSc (UK)	Asst. Prof.	Marketing	12	02	-	-
Ms.Zenetta Rosaline.	B.Sc(Agri),MBA, MPhil,	Asst. Prof.	HRM,Marketing	11	02	01	-

GRGSMS has **received ₹10 Lakhs grant from AICTE for setting up IIPC. GRGSMS received the “Best Innovative B - School in Teaching Methodology Award 2012”** awarded by the DNA Group & Stars of the Industry Group in Mumbai on 18<sup>th</sup> February 2012. Faculty of GRGSMS received the **J. L. Batra Best Research Paper Award** for two consecutive years in AIMS Annual convention and one faculty was awarded the **Ramaswamy PAiyar Best Young Teacher Award** in 2012. One Faculty was awarded “**Best Teacher Award**” by Coimbatore Management Association in 2011.

GRGSMS faculty members have attended 82 seminars, 35 workshops, 30 conferences, 5 guest lectures and 13 FDP/MDPs. The department had organized 28 Seminars, 16 Workshops, 2 conferences, 55 Guest Lectures and 11 FDP/MDPs. 98 papers have been presented in various conferences. 124 papers in national journals and 4 papers in international journals and 4 articles

have been published by faculty. 2 M.Phil. students have completed their research. 17 students are pursuing Ph.D and 11 students are pursuing M.Phil.

***PRERANA is the bi-annual journal published on the theory and practice of management.*** E-Cell, a student organization enables the students to learn experience and practice various facets of entrepreneurial ideas for their futuristic plans and career opportunities. 95% of the interested students have been placed in 2011-2012.

**Consultation** services in management is offered to individuals and organisations. ***The department is currently engaged in mentoring of selected senior executives of Titan Industries, Bangalore.*** GRGSMS, in association with Harvard Business School, IIM Ahmedabad, and IIM Calcutta organised a workshop on “Corporate Governance and Ethics in Management Education” as a part of the series of workshops on ***“Rethinking the MBA: Business Education at Crossroads”.*** ***AICTE-sponsored Two-week Staff Development Programme on “Recent Trends in Human Resource Management” was conducted by GRGSMS for faculty of various B-Schools.***

#### **10. STUDENT FORUM AND ITS CONSTITUENT ASSOCIATIONS**

***Students play a participatory role in 'beyond academic' activities in the campus which hone their innate skills and bring out their wholesome personality. A student forum with 43 members is an elected body of students which plans and organizes all the extracurricular activities in the campus . There are 14 units under the student forum that includes all the departmental associations as well as associations with specific purposes such as Quiz Club, Fine Arts Association, Athletics Association etc. The activities of the student forum and the associations are monitored by faculty members of different disciplines. The associations of the various departments arrange guest lectures to broaden the horizon of learning of the students in their subjects. Several competitions such as debate, elocution, essay writing, poem composing, drawing and painting are organized at the collegiate and Inter-collegiate level which brings out the histrionic, artistic and creative talents of the students. Mega annual events, such as Karishma, Urjith, Muthamizh vizha, Cybersprint etc., draw numerous participants from in and around Coimbatore.***

***Value added programmes such as workshops, conferences and exhibitions are organized to kindle interest amongst students.*** Interclass competitions by the quiz club help the students to update their knowledge on a regular basis. ***To create environmental awareness 'Wild life week' and 'Vanamahotsava' are celebrated. Days of national importance are observed.*** Sports Day, Founders' Day, inaugural and valedictory functions of the Students' Forum , and Graduation ceremony are the regular features of every year.



## 11. NCC

**There are two wings of the NCC, the Army wing with 160 cadets and the Air wing with 16 cadets. The objectives of the NCC are to instill good moral values and develop leadership qualities, spirit of adventure and sportsmanship. On the basis of interest and efficiency, a faculty member takes the additional charge as NCC officer.**

### Activities

1. Parade(40 parades per year)
2. Freshly enrolled students attend annual training camp every year
3. Cadets selected for Thal Sainik camp undergo training during 8-10 camps and represent the state at the final competition camp at New Delhi
4. Cadets selected for Vayu Sainik camp undergo training during 8-10 camps and represent the state at the final competition camp at Chennai/ Bangalore
5. Cadets selected for Republic Day camp undergo training during 10-12 camps and represent the state at the final competition camp at New Delhi during the month of January

### Achievements

- ◆ The cadets have distinguished themselves in the cultural events conducted at the annual camps held at several places and have won awards every year.
- ◆ Every year on ***an average 3 cadets attend the RD parade at Delhi***
- ◆ 3 students have won medals for their outstanding performance
- ◆ 2009-10 , ***Lt.N.V.Kavitha won the Gold Medal for Excellent Leadership Qualities*** (Officers Training Academy- Gwalior)
- ◆ ***Overall Best Championship Trophy -2012***
- ◆ Sgt. Anitha won the ***Bronze Medal at all India level in Thal Sainik camp in 2012.***

## 12. NSS

There are two NSS units with an enrollment of 100 students in each. Two faculty members hold the office as NSS programme officers. They undergo special training for a period of fifteen days. Every year NSS activities are planned based on the theme proposed by the government and the year long activities are planned in consultation with Government organizations and NGOs. These activities are oriented towards helping the students to understand the community and its associated social problems.

The regular activities carried out throughout the year include

- ◆ Awareness campaigns on environmental issues, health and hygiene ,etc.
- ◆ Blood donation camps and medical camps,



- ◆ Rally for the benefit of the public such as cleanliness of the environment, road safety measures, disaster management etc.

Special programmes conducted

- ◆ Annual camps for 10 days arranged in adopted villages. The first camp was organized at Kittampalayam in 1979. Activities such as village survey, cleanliness drive, literacy programmes, rallies, slide shows on social issues, lectures on health and hygiene, inculcation of values etc., are carried out.

- ◆ Summer mega camp

- ◆ Residential youth Camp

- ◆ National integration camp

Special Events

- ◆ ***In collaboration with a non governmental organization a neighborhood village, Kethanur is adopted to develop it into a model village by 2020.***

- ◆ Promoted the sale of Handloom

- ◆ 800 persons residing in Peelamedu have been enrolled for 'Eye Donation'

### ***Distinctions earned***

- ◆ ***Trekking expedition to the Himalayas-*** undertaken by NSS volunteers for the past three consecutive years and the maximum height scaled was 19,457 feet to reach Hanuman Tibba.
- ◆ From the year 1994, ***NSS volunteers are selected to participate in RD parade*** at New Delhi.
- ◆ ***6 NSS volunteers have received the Best NSS Volunteer Award*** at the university/ state level
- ◆ One volunteer received the ***National level 'Best Volunteer Award' in 2011***
- ◆ Fund raising - ***₹ 55, 720 collected towards the 'Student Welfare Scheme'***
- ◆ NSS Programme Officer received ***the state level award in 2010 and the prestigious Indira Gandhi Best Programme Officer Award in 2012.***

### ***13. YOUTH RED CROSS (YRC)***

YRC, a Committee involved in society oriented activities has an enrollment of 400 members and a staff co-ordinator is in-charge of its activities. The objectives of the YRC are as follows:

- ◆ To create a humane spirit in the minds of young students.
- ◆ To impart training on “emergency needs” to improve social health.

The activities include:

- ◆ Organising awareness programmes on issues such as AIDS, Communal Harmony, Environmental Safety Measures etc.,

- ◆ Disaster Management Programmes like Fire Fighting, First Aid etc.,
- ◆ Attending annual camps.

### *Awards*

- ◆ The '**Best College Award 'for YRC activities**' during the Founder's Day function held at IRCS, Upplipalayam on 25.12.2012
- ◆ **Best YRC members and Best Coordinator Award (2010)**

## **14. CONSUMER FORUM**

The objective of this forum is to instill knowledge on consumer rights and awareness among students through orientation, sensitization and training programmes to promote consumer welfare. 100 students are enrolled every year.

### *Activities*

- ◆ Monthly, Citizen Consumer Club meetings are organized in which important issues are discussed by inviting experts, concerned Government officer, a consumer activist to talk on topics such as health care , insurance, fair price and consumers and misleading advertisements.
- ◆ Annual consumer competitions such as essay writing competition, debate, poem writing, slogan writing etc. are organised.
- ◆ Out- reach programmes are conducted in remote villages in and around Coimbatore to create awareness among public and self help groups.
- ◆ Every year students and staff actively participate in various seminars, workshops and conferences organized by Citizens Voice Club.

## **15. ECOWATCH CLUB**

Ecowatch Club has an enrolment of roughly 700 students per year.

### *Activities*

- ◆ Guest lectures are arranged to create awareness on environment. 1500 saplings were planted in and around Coimbatore
- ◆ Students are motivated to take up the competitive examination for Indian Forest Service (IFS) and officers from (IFGTB) were invited to deliver motivating lectures.
- ◆ Work shop conducted to create an awareness on plastic pollution and its impact on the environment.

- ◆ In collaboration with the police department and *Siruthuli* (NGO) , rallies conducted to create awareness amongst the public for tree conservation .
- ◆ Trekking programmes and Eco tour were arranged in the Nilgiri Biosphere in Anaikkatty, Kovai Courtallam and Kodanadu Hills regularly.
- ◆ The Eco-watch Club alongwith Botany department and ACC Limited, Madukkarai Cement Works, Coimbatore conducted an awareness programme on “Personal Hygiene for School Children” at ACC School, Madukkarai on 8<sup>th</sup> August 2012

## **16. ROTARACT**

With membership of 250 students the club aims at developing students in, community service, professional service, International service and transform them into leaders with exceptional management and organizing powers. *During the years under review the club has received a number of awards at the level of the students as well as the institution, details of which are discussed under criterion III.*

## **17. Yi-NET**

Young Indians Net (Yi- NET) is a wing of the Confederation of Indian Industries (CII), Coimbatore. CII has taken the effort of starting Yi - NET in various colleges to motivate the younger generation to take part in society oriented programmes. Every year around 300 students enroll in this forum.

### **Activities Undertaken**

- ◆ Knowledge development programmes
- ◆ Society oriented programmes
- ◆ Environment oriented programmes
- ◆ Promoting Entrepreneurship programmes
- ◆ Cultural activities

### **Awards Received**

- ◆ *Mrs. Kalavathi received the Best Teacher Coordinator award at the National level during 2010-2011*
- ◆ *College bagged the Best Yi-Net award at the National level during 2010 – 2011 and 2011 – 2012*

## **18. HR AND PLACEMENT CELL**

There is a well established Career Guidance and Placement Cell with a HR, a senior faculty as placement officer and faculty members representing each department constituting a committee that

provides career guidance and placement services. Students interested in placement, register with the Placement Cell and the database created is used to provide job opportunities to present as well as passed out students.

The cell conducts the following programmes:

- Training programme for the students.  
I year – Yoga and meditation  
II year – Personality development programme  
III- year- Corporate readiness programme
- Organizing seminars and workshops for the students registered for placements and opting for higher studies
- Conducting on campus placements
- Placement brochures sent to various companies
- Assessment tests are conducted to assess the aptitude level
- ***Being the Golden Jubilee year of the college mega job fairs were organised by TCS, HCL and IGATE***

***95% of the students registered for placement were recruited in 2011-12.***

### ***19. MAGAZINES & NEWS LETTERS***

The College Magazine is published annually. It has a wide range of articles including reflections, poetry, art, experiences of the students in the campus etc. The college won the coveted Best Magazine Award in 2009, issued by Divyodhaya, an inter-religious centre in Coimbatore.

- ◆ The newsletter of the Gandhian Studies Centre serves as a forum to create an awareness amongst students about the Father of the Nation, his principles, his life history, relevance of Gandhian principles to the present day and all information needed to perpetuate Gandhian ideals and the year long programmes conducted by the centre
- ◆ Newsletters are regularly published by the Centre of Women Studies and Dr. Ambedkar Studies Centre highlighting the activities and research findings in specific fields undertaken by the centres
- ◆ A unique feature is the bringing out of a newsletter on 'Geriatric Care' by the Regional Centre which brings out the importance of the course, activities of the centre to care for the senior citizens and placement details of the students who undergo a six months course in Geriatric Care.
- ◆ *Shrishti* & Impressions published by MCA and MBA Departments respectively, include

subject oriented articles and those of general interest.

- ◆ In- house magazines of the department of Tamil and **English encourages creativity and independent thinking amongst students**
- ◆ **Purple Heys** is an alumni newsletter which provides campus information ,distinctions earned by the alumni and the faculty members and **aims at bringing the alumni closer to the alma-mater.**
- ◆ Every year **IQAC publishes a newsletter** to highlight the activities in the campus.

## 20. EXAMINATION SECTION

This section is headed by a senior faculty who hold the additional responsibility as the Controller of Examinations who is assisted by an Assistant Controller. The office consists of a systems operator, two assistant system operators, five computer assistants and a sub staff. Routine work of the section is distributed to all the members and the staff are well trained to carry on the work allotted to them. One or two members are given an over all training and the work schedule is never disturbed in the absence of any member.

Evaluation methods are communicated to students well in advance at the time of entry to the institution. There is a system of continuous assessment of students' performance. It is made through the entire period of learning in a semester through tests, quiz, assignments, seminars etc. The schedule of the End Semester Examination is announced well in advance and the results are published within one month of the conduct of the last examination. Based on the marks and the credits earned, the students are evaluated on the basis of grade point average scored by them. Certain criteria are also set to provide ranking to outstanding students. A seminar on Preparing Quality Question paper was conducted jointly with IQAC. Best practices of the section include absolute transparency in the system of evaluation by revaluation practices, retotalling , display of the best answer scripts etc., online conduct of examination for certain courses, online publication of results, setting up of question banks for all the subjects, multiple question papers for certain common subjects, question papers with different difficulty levels and compulsory questions for PG programmes ,feedback collected from students on evaluation procedures from invigilators about the conduct of examination and their suggestions for improvement to the benefit of the student, from the external examiners about the question paper pattern, adequate coverage of the syllabus, quality of the question papers etc. Based on the responses received, examination reforms are planned.

## 21. PARENT – TEACHER ASSOCIATION

The Parent- Teacher Association was constituted in 2004 with a committee of office bearers -

President, Secretary and Treasurer. But from the time of inception of the institution, parents have been invited in an informal way to discuss the progress and problems faced by their wards. The Association is gradually gaining momentum and steps are initiated to strengthen it still further. Association meetings are held twice in a year, one on the day the college commences for the new entrants and the second meeting is held at the department level. Feedback is obtained from the parents in a structured format and parents also express their opinions and suggestions for the further development of the institution during the association meetings. Some of their useful suggestions have been implemented. To mention a few - improved facilities at the hostel, computer training to students pursuing non computer courses, skill oriented programmes to improve language proficiency of students etc.

## **22. ALUMNI ASSOCIATION**

Alumni Association is a link between the institution and the generations of students who have passed through its portals. Every year nearly 90% of the students become life members of the association. ***The main aim of the association is to create an awareness amongst the students that it is a privilege to associate themselves with the alma mater with an emphasis to retain life long relationship.*** Every year the association promotes several welfare schemes for the present students. Meritorious students are given due recognition by special awards for academic, co-curricular and extra curricular activities. The dedicated services of the faculty members are also recognized at retirement. Prominent alumni were felicitated during Founders' Day celebrations. Dean, Alumni Relations, is a new position created to see to enrollment and renewal of relationships with the alma mater. ***In commemoration of the Golden Jubilee a cultural fest was organised and alumni have contributed for an Open Air Auditorium with a seating capacity of 5000 members.***

## **23. RESEARCH CELL**

The Research Cell promotes the concept that research is an integral component of the teaching - learning process and also creates a vibrant research culture in the institution. This cell is headed by Dean, Research and assisted by a Research Co-ordinator and a Research Associate. A corpus fund has been created by the Management to encourage research.

The Research Committee is constituted with representatives from each department.

There is a Research Advisory Committee with eminent scientists from universities and research institutes.

Activities of the Cell are as follows:

1. The committee meets once in a month.

2. Proposals for seminars, workshops, major and minor research projects, special projects etc., to be submitted to various funding agencies are discussed and finalized.
3. Recommends faculty members to participate in national, international seminars, workshops etc., conducted by other institutions and they are directed to present the proceedings of the seminars etc., attended by them at the Research Cell meetings conducted every month.
4. Organises work shops, seminars etc., to promote research
  - ✦ A workshop on 'LaTeX' was conducted benefitting sixty members including faculty and research scholars.
  - ✦ Conducted a seminar on 'Best Practices in Integrating Teaching with research in Institutions of Higher Learning' sponsored by NAAC.
  - ✦ A lecture programme to promote Research and Publications was conducted by Dr. Daniel Ashoka, USA.
5. Arranged Interface meetings with renowned scientists, research personnel etc.,
6. ***Published a handbook on 'Project Proposals and Funding Agencies'***
7. ***Publication of 2 biannual journals – PRERANA – a management journal and Journal of Applied Research- a science journal.***

#### **24. CAREER DEVELOPMENT CENTER**

To bring out the potentials of students in the competitive examinations, relevant counseling about the available career opportunities are provided by the Career Development Centre. Coaching classes are also conducted and an advantage of this centre is that ***adequate coaching to all subjects are given and the students need not waste their time in attending multiple teaching centres.***

##### ***Civil Services Coaching***

Though corporate sectors offer the best of salaries and perks, entry into Indian Civil Services is always considered prestigious. Though several students aspire for such posts, they lack proper guidance. Since there is tough competition, a knowledge about the tools resources and proper training is essential to succeed. So coaching classes for Civil Services Preliminary Examination are conducted and 75 students on an average have enrolled for these classes every year.

##### ***NET / SET Coaching***

To prepare students for the National Eligibility Test and State Eligibility Test, so that they can qualify themselves for the teaching posts in institutions of higher education, coaching classes are conducted. 80 students on an average undergo this course.



## 25. GERIATRIC CARE

The rise in the proportion of the ageing population represents one of the most significant demographic shifts in history. Statistics vouch safe that the world population of elders will grow exponentially by 2020. The elderly require special care. Hence to meet this demand, the institution has stretched out its community services to include a course on **Geriatric Care** under its umbrella. This course sponsored by the National Academy of Social Defence, New Delhi has a wide range of variety in terms of its duration - a six month schedule, a week long course, a month long trainer's training programme etc. are all on the cards. *Aimed particularly to cater even to the lower sections of our economy*, it guarantees training in psychological, physical and nurturing care of the elderly. *It is a unique programme of its kind, down south and promises empowerment through compassion*, dedication and service. Candidates passing out of this course find placement opportunities old age homes, hospitals etc.

## 26. INNOVATION AND ENTREPRENEURSHIP DEVELOPMENT CENTRE (DST-IEDC)

With *the sponsorship of ₹ 11,35,000* from the National Science & Technology Entrepreneurship Development Board (NSTEDB), Department of Science and Technology, New Delhi GRG-IEDC was established in the year 2009. It was inaugurated by Sri. Harkesh Kumar Mittal, Advisor & Head, National Science and Technology Entrepreneurship Development Board (NSTEDB). The chief objective of this center is to promote entrepreneurship skill amongst students. Every year 5 student projects from various disciplines are selected and implemented by the student and faculty supervisor and the DST has sanctioned ₹ 1 lakh for each project. *Two of the products developed under the scheme is awaiting patent recognition.*

## 27. INTERNAL QUALITY ASSURANCE CELL (IQAC)

As a post Accreditation quality sustenance measure, IQAC was established in January 2004. Quality enhancement is a continuous process and the institution and *IQAC work towards quality enhancement and quality sustenance in reaching towards the goal of the institution in fulfilling its mission*. Meetings of IQAC with external members - industrialists and reputed personalities with rich experience are held once in an academic year wherein activities of the institution over the entire year are reviewed and suggestions for further improvement are provided.

### Contributions of IQAC

- ◆ **Planning and implementation:** To ensure continuous improvement in the entire operation of the institution, IQAC chalks out the work plan setting targets in academic, research and co-curricular activities.

- ◆ **Dissemination of information:** Workshops and seminars on the salient aspects of the autonomous status, regulations and procedures of the examination system etc., concept of CBCS, setting quality question papers etc., were organised for both faculty and students.

The IQAC publishes a newsletter every year to create an awareness amongst its stakeholders about the steps taken by the institution to reorient the academic life of the campus so as to impart quality education, thus contributing to national development.

- ◆ **Feedback services:** The IQAC acts as a nodal agency monitoring the quality related services through feedback collected from all stakeholders such as parents, lecturers, alumni, students, examiners etc. This is utilised in overcoming defects and augmenting further facilities essential for maintaining a congenial academic environment. Teachers are informed about students' feedback and advised to undergo orientation programmes and courses for improving their competency in teaching.
- ◆ Based on a set of parameters of IQAC recommends awards for the '**Best Faculty**' and '**Best Department**' every year.

### *Enrichment programmes*

- ◆ To develop the interpersonal relationship the amongst faculty a 3 days training programme by 'Smart – Gurus' and 'Acharya' -Zeal were organised.
- ◆ An orientation programme was conducted for the faculty who are new to the teaching profession.
- ◆ A three days orientation programme for fresh entrants to the college are held to bridge the gap between school and college.

**ISO 9001:2000 Certification** was *upgraded in January, 2009*. Regular training to induct internal auditors is conducted and to systematize the work, auditing by internal auditors is carried out once in four months and surveillance auditing at the end of every year.

## **POST-ACCREDITATION INITIATIVES**

***If the college has already undergone the accreditation process by NAAC, please highlight the significant quality sustenance and enhancement measures undertaken during the last four years. The narrative may not exceed five pages.***

The National Knowledge Commission (NKC) suggests that the key areas to be developed to adequately tap India's enormous reservoir of knowledge is by developing the skill set of the population, strengthening research, encouraging innovation and entrepreneurship and creating systems of e-governance in an higher education system. ***The institution has made progress along these lines to promote the 'knowledge base' of the student community and harness their vast potential through strategic planning under the guidance of IQAC.*** Accreditation by NAAC in 2001 laid the platform for our onward journey towards excellence which was further sustained and accentuated through reaccreditation in 2008. Developments in the key areas that reflect the holistic scenario of quality ,in relevance to national policy of higher education, with specific reference to, the four year period under review are furnished below:

### ***Curricular aspects***

***The institution is sensitive to latest developmental trends in education in introducing innovative programmes:***

3 UG programmes with multidisciplinary approach has been introduced. They are - B.Sc (ISM), B.Com (Professional Accounting) and B. Com (Accounting & Finance)

The 3 Post graduate programmes introduced in keeping with the feed back of various stakeholders are- M Sc Physics, M. Sc Computer Science, and M . Sc I.T.

***In a globalized era, changes in the curriculum to the needs of the industry and the satisfaction level of the students is imperative.*** Thus,

- ❖ The nomenclature of BA Economics course is changed as BA Economics with Banking and Insurance with relevant changes in the curriculum.
- ❖ Introduction of a short term certificate course on Finance and Accounting for Business Process Services designed with a tie up with TCS.
- ❖ The need for a skill based education is increasingly felt in the rapidly evolving higher education system of the present day. Hence to develop computer skills of the students, computer related subjects were made mandatory in the curriculum from 2008 onwards. The options provided under the CBCS are - Web Designing, Business Automation, .2D Animation, Applications with 'C' and Business Application Software.

Strategies adopted for curriculum review include academic audit conducted in 2008 with a team of academic experts from various autonomous colleges and universities and Peer evaluation of the syllabus for various courses undertaken in 2010 and 2012. ***The constructive suggestions made by the experts have helped in fine tuning the curriculum to the present day needs.***

### **Teaching – Learning**

***Extensive use of ICT in developing audio visual aids, developing e-learning material and power point presentation has enhanced the quality of learning.*** This is supported by the sustained infrastructure developments such as LCD projectors in 68 class rooms and Smart Board facilities to others. An e-content development centre has been established.

***Qualitative self improvement of the faculty is a determinant factor of quality in higher education.***

In addition to the participation of teachers in refresher courses conducted by the University, the institution has organized lecture workshops and refresher courses of 15 days duration sponsored by science academia.

- 5 Lecture workshops by the science departments and Refresher courses with at national level in each of the courses were conducted by the departments of Botany and Mathematics
- Department of Botany conducted a three weeks workshop in Molecular Biology with sponsorship from DBT and UGC.

Conduct of National level Management Games Contest jointly with AIMA and use of online Learning Management System which enables the faculty to monitor the learning activities of students are certain special features of GRGSMS.

### **Research**

The research culture that was initiated amongst the faculty a decade back has led to improvement as evident from the increase in number of research departments, research students and publication of books and articles by both faculty and student. To outline a few, achievements in the last five year period are:

- Recognized guides for research in languages namely Tamil and Hindi.
- Increased intake of research students in English, Commerce, Chemistry and Botany.
- A Research Advisory Board constituted with renowned researches from universities scientific organizations and industries, to promote quality research.
- Modernisation of science laboratories and purchase of sophisticated equipments to the tune of ₹ one crore.
- Two minor projects and 10 major projects are in progress. 7 minor projects and 5 major

projects were completed.

- ***Product developed by a Ph. D Botany scholar is registered for patent.***
- ***Publication of 2 research journals - “Advances in Applied Research” & “Prerana”***
- ***Young Scientist Award of TNCST to a faculty member in Chemistry.***

### ***Evaluation***

Designing an ideal question paper with variable difficulty levels helps to discriminate between low achievers and high achievers. This criteria is one of the important attributes of a question paper to validate the students. ***Hence the question paper pattern for PG programme is modified to test the different levels of understanding of the students.*** Introducing multiple question papers for courses with student enrolment on the higher side is yet another innovation of the examination section.

### ***Governance***

***New academic positions are created for better administration.*** Academic, Research and Extension activities are headed by Deans and all of them function in collaboration with the Principal. They assist in academic activities and administration, by co – ordinating with the various academic, non academic and co – curricular and extra curricular activities of the college.

**Dean, Academic affairs** co – ordinates all the academic programmes of the college, overseas the planning and restructuring of the curriculum, organises meetings of BOS and Academic Council and works in collaboration with the office of the Controller of Examinations.

**Dean, Academic Support and Alumni Relations** is responsible for the overall discipline of the college and smooth functioning of all the classes commencing from the morning shift and networking amongst students both old and new and works towards forging a strong bonding between the institution and the alumni.

**Dean, Student affairs** is responsible for a wide range of activities dealing with day to day affairs of the student community.

**Dean, Research** has the responsibility to promote research in the campus by providing guidance to faculty and research students, oversee the infra structure facilities for research, promotes research collaborations at all levels and perform all activities concerned with the publication of a research journal.

**Dean, Extension Activities** – Learning activities of the student beyond the curriculum that determine their career are organized and monitored. A Career Development Centre is under the care of this unit which organizes coaching classes for Civil Services, NET / SET , Banking Services Examination and Preliminary Examination of CA, ICWA & ACS and also oversees the activities of

the Regional Centre for Geriatric Care and conduct of programmes on care of elderly of variable durations.

There is a **full time Instructor** for Yoga Practices and Student Counseling.

A five day UGC sponsored residential workshop for capacity building and grooming of the second rung of teaching faculty was organised in two consecutive years by the Centre for Women Studies.

### **Community Services**

*Community service and extension activities form an integral component of the curriculum whereby the student community plays an important role in nation building activities.* Skill oriented training is given to 500 SHGs on an average per year.

*Over the years the institution has laid a strong emphasis on the participation of all the students in community services that has brought awards to the institution* which are as follows.

- ◆ Best NSS Volunteer Award to 6 students
- ◆ Indra Gandhi Award for a NSS Volunteer- Ms. Anusha
- ◆ Best Programme Officer Award at the state and national level to NSS programme officer- Dr. (Ms). M. Renuka
- ◆ Yi- Net Award to the Best Co-ordinator and the Best Institution Award for the institution
- ◆ YRC – Best Co-ordinator Award.
- ◆ A number of awards for the volunteers and the institution rendering best services including the Best Support Staff to the Coordinator – Ms. Santhosh Priya, J. of Rotaract Club
- ◆ NSS Award at the national level and Indian Red Cross Society Award – presented to the institution in recognition of the meritorious service to society.

### **Awards instituted**

According to National Knowledge Commission 'there is a need to introduce performance based incentives in order to ensure teaching of a superior quality'. The institution has instituted the following awards .

- ◆ **Alumni Awards** – alumni who have distinguished themselves in their chosen field
- ◆ **Faculty Awards** - Best Faculty Award , Best Department Award & Faculty Excellence Award for outstanding contribution in teaching and other professional activities.

### **Value Additions**

Though reaching world class standards is a matter of great concern and one of the challenges to Indian higher education system, NKC has recommended massive science outreach programmes,

up gradation of available infrastructure, revitalizing the teaching profession and revamping teaching at all levels. ***The institution is aiming at reaching excellence in all the above fields, so as to contribute its might to national development.***

- ◆ Popularizing science amongst public and specifically school students -

For this purpose three days programme on Creation of Scientific Awareness for SHGs, students from rural schools and rural farmers was jointly organised with TNSCST, Chennai.

INSPIRE programme sponsored by DST – 3 residential camps for a duration of 5 days each for school students were organised.

- ◆ Continuation of MoUs with San Diego State University (SDSU), Toledo State University, Zia Tong University and China, and MoU signed with Oregon State University, USA in 2013.

- ◆ ***Study Abroad Programme*** offered for students of SDSU

#### ***Environmental Management for a green campus***

- ◆ Installing solar lamps
- ◆ Solid waste management unit to produce bio-briquets
- ◆ Recycling unit for producing vermicompost from waste
- ◆ Grey water recycling plant – to recycle water for gardening
- ◆ Installing solar panel to supplement electricity

#### ***Entrepreneurship***

To provide space for creativity and innovation of the students and to bring out the innate potential of the students an e-Cell is established. A special grant from DST-NSTEDB has helped in exposing the entrepreneurial skills of students through the establishment of DST – IEDC. 15 products have been developed through student projects, each provided with a sponsorship of ₹.1 lakh.. There are 5 ongoing projects. ***Two products developed in 2011 have been registered for patent recognition – thus establishing a 'benchmark' for the budding entrepreneurs in the campus. Government of India volunteered to sponsor Entrepreneur Awareness Camp (EAC) through NSTEDB of the department of S&T and Entrepreneurship Development Institute of India, Ahmedabad.*** 8 such EACs were held in 2010-11 and 2011-12 respectively. There were more than 1000 beneficiaries.



*All these forming the back drop the college has acquired the following accolades.*

- ◆ College with Potential for Excellence' status conferred by UGC.
- ◆ ISO 9001: 2008 Certification.
- ◆ Assistance under Star College Scheme of DBT for science courses
- ◆ Department of Botany elevated to DST sponsored department under FIST scheme
- ◆ A+ ranking to GRG School of Management Studies by Business India.
- ◆ Best Innovative B School in Teaching Methodology Award 2012 awarded by the DNA group and Stars of the Industry Group.
- ◆ Cluster College Concept for MBA programme.
- ◆ Establishment of Director's Conclave in tie up with All India Management Association (AIMA).
- ◆ Financial assistance from DST- FIST at '0' level
- ◆ Awards to Secretary, Principal, Director, GRGSMS, Dean , Academic affairs and 3 faculty members by university/ various associations.

## Green Campus for sustainability

- ◆ Special efforts to conserve natural resources
- ◆ Waste management strategies in the campus

## Develop cultural and intellectual capacity to thrive internationally

- ◆ To provide varied cultural background to interact
- ◆ Improve the ability of students to innovate, think constructively and execute skillfully
- ◆ Identify the hidden talents of students and counsel for higher studies/ employment/ entrepreneurship
- ◆ International placement
- ◆ To facilitate sports to international levels
- ◆ To improve self employment potential
- ◆ To improve mentoring services
- ◆ Alumni overseas chapter is on the anvil

## Enhanced use of ICT

- ◆ Virtual classrooms
- ◆ Establishing virtual labs.
- ◆ Teachers to play the role of a facilitator
- ◆ Learning through social networking sites
- ◆ Promoting self study through e-content and e-resource development
- ◆ Training programmes for faculty to use electronic resources.
- ◆ Capacity building in teachers

## FUTURE PLANS

### JOURNEY CONTINUES

Environment Management

Student Support

Community Services

Research

Curricular Aspects

## Community Integration

- ◆ To develop Women Technology Park into a model institution
- ◆ To provide skill training to school dropouts and help them to pursue a vocation
- ◆ Establishing a 'Community College'
- ◆ To create and generate ideas through an Incubation Centre for Future Entrepreneurs.
- ◆ To establish campus- company for marketing
- ◆ Enhancing entrepreneurship to empower women
- ◆ Care for senior citizens- to bring societal impact for Geriatric Programme.

## Internationalisation of Research

- ◆ Research polarized towards upliftment of society
- ◆ Industry oriented research
- ◆ Centres of excellence in specific areas
- ◆ Fund generation through foreign agencies
- ◆ Quality research and international publications
- ◆ Patenting
- ◆ Faculty Exchange programmes
- ◆ Effective national and international linkage
- ◆ To enhance consultancy services
- ◆ To promote research activities in Social Sciences

## To Cater to Differential Needs

### TO MEET LOCAL NEEDS

- ◆ To frame a curriculum based on the ability and requirement level of students
- ◆ Additional skill development programmes relevant to the local needs.

### TO MEET INTERNATIONAL STANDARDS

- ◆ Programmes in emerging areas
- ◆ Innovative and wide range of elective options by improving infrastructure and manpower.
- ◆ Credit accumulation and transfer facility
- ◆ Overseas programmes in the campus
- ◆ Collaboration with national and international level academicians for curriculum enrichment
- ◆ Higher level skill development programmes to meet national and international arena.

Brand Identity for the Institution at the National & International Levels

3<sup>rd</sup> . cycle of Accreditation

### DECLARATION BY THE HEAD OF THE INSTITUTION

I certify that the data included in the self study report for the 3<sup>rd</sup> cycle of Accreditation are true to the best of my knowledge.

This SSR is prepared by the institution after internal discussions and no part there by has been out sourced.

I am aware that the peer team will validate the information provided in the SSR during the peer team visit.

Date :

Signature of the Head of the Institution