

# The Annual Quality Assurance Report (AQAR) of the IQAC

## Part – A

AQAR for the year

2010 – 2011

### 1. Details of the Institution

1.1 Name of the Institution

University College

1.2 Address Line 1

Palayam

Address Line 2

City/Town

Thiruvananthapuram

State

Kerala

Pin Code

695034

Institution e-mail address

principal.uc@gmail.com

Contact Nos.

0471-2475830, 0471 – 2572117 9(Fax)

Name of the Head of the Institution:

Dr. M. Abdul Rahim

Tel. No. with STD Code:

0471-2475830

Mobile:

Name of the IQAC Co-ordinator:

Dr. K. P. Jaikiran

Mobile:

09447043494

IQAC e-mail address:

universitycollege.iqac@gmail.com

1.3 NAAC Track ID (For ex. MHC0GN 18879)

OR

1.4 NAAC Executive Committee No. & Date:

EC/53/RAR/17 Dated 04.09.2010

1.5 Website address:

www.universitycollege.ac.in

Web-link of the AQAR:

<http://www.universitycollege.ac.in/docs/aqar2010-11.pdf>

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGP A	Year of Accreditation	Validity Period
1	1 <sup>st</sup> Cycle	B	78.55	2003	5 years
2	2 <sup>nd</sup> Cycle	A	3.16	2010	5 years

1.7 Date of Establishment of IQAC :

DD/MM/YYYY

01/10/2003

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

i. AQAR 2009-2010 submitted to NAAC on (03/04/2010)

1.9 Institutional Status

University

State

Central

Deemed

Private

Affiliated College Yes  No

Constituent College Yes  No

Autonomous college of UGC Yes  No

Regulatory Agency approved Institution Yes  No

Type of Institution Co-education  Men  Women

Urban  Rural  Tribal

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

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

1.10 Type of Faculty/Programme

Arts  Science  Commerce  Law  PEI (Phys Edu)

TEI (Edu)  Engineering  Health Science  Management

Others (Specify)

1.11 Name of the Affiliating University (for the Colleges)

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

Autonomy by State/Central Govt. / University

University with Potential for Excellence  UGC-CPE

DST Star Scheme  UGC-CE

UGC-Special Assistance Programme	<input type="text" value="-"/>	DST-FIST	<input type="text" value="-"/>
UGC-Innovative PG programmes	<input type="text" value="-"/>	Any other ( <i>Specify</i> )	<input type="text" value="-"/>
UGC-COP Programmes	<input type="text" value="-"/>		

## **2. IQAC Composition and Activities**

2.1 No. of Teachers	<input type="text" value="07"/>
2.2 No. of Administrative/Technical staff	<input type="text" value="01"/>
2.3 No. of students	<input type="text" value="01"/>
2.4 No. of Management representatives	<input type="text" value="01"/>
2.5 No. of Alumni	<input type="text" value="01"/>
2.6 No. of any other stakeholder and community representatives	<input type="text" value="01"/>
2.7 No. of Employers/ Industrialists	<input type="text" value="01"/>
2.8 No. of other External Experts	<input type="text" value="01"/>
2.9 Total No. of members	<input type="text" value="14"/>
2.10 No. of IQAC meetings held	<input type="text" value="04"/>

2.11 No. of meetings with various stakeholders:	No.	<input type="text" value="04"/>	Faculty	<input type="text" value="02"/>
	Non-Teaching Staff	<input type="text" value="01"/>	Students	<input type="text" value="01"/>
	Alumni	<input type="text" value="01"/>	Others	<input type="text" value="01"/>

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

If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

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

Total Nos.  International  National  State  Institution Level

(ii) Themes

2.14 Significant Activities and contributions made by IQAC

- 1. Promoting Research activities
- 2. Infrastructure Development
- 3. Quality assurance in teaching

- **A report on the seminar conducted by IQAC is given as Annexure vi**

2.15 Plan of Action by IQAC/Outcome

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

Plan of Action	Achievements
<ul style="list-style-type: none"><li>• To conduct regular PTA meetings</li><li>• To promote research activities in the college</li><li>• To give special consideration in maintaining campus discipline throughout the year</li></ul>	<ul style="list-style-type: none"><li>• PTA meetings conducted and feedback received</li><li>• Increase in the number of minor projects and increase in the number of teachers who availed FIP</li><li>• Discipline committee formed and ensured discipline in the campus</li></ul>

- **The Academic Calendar is given as Annexure i**

2.15 Whether the AQAR was placed in statutory body Yes  No

Management  Syndicate  Any other body

Provide the details of the action taken

## Part – B

### Criterion – I

#### 1. Curricular Aspects

##### 1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	17			
PG	20			
UG	18			
PG Diploma				
Advanced Diploma				
Diploma				
Certificate				
M.Phil.	13			
<b>Total</b>	68			
Interdisciplinary				
Innovative				

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

##### (ii) Pattern of programmes:

Pattern	Number of programmes
Semester	51
Trimester	0
Annual	17

1.3 Feedback from stakeholders\* Alumni  Parents  Employers  Students

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

• Feedback from students and parents are provided as *Annexure ii* and *Annexure iii*

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

Upto the academic year 2009-2010 (2009 UG admission), evaluation was done on an annual basis. In 2010, the Kerala University introduced the Choice Based Credit and Semester System (CBCSS). As part of this, the evaluation system was modified. Internal assessment system, grading system and grade points were introduced. This helps to evaluate the student

more effectively. Assignment, seminar presentation, internal exams etc., and active participation in the class and lab form the basis of internal evaluation. The project and viva-voce system were introduced in the UG programmes and it helps in the evaluation of students based on their creativity and efficiency in various aspects of their studies. Our college strictly follows the evaluation system introduced by University of Kerala. The college has introduced the following evaluation systems according to

University guidelines:

- Two internal test papers in each semester before the University End Semester Examination.
- Continuous evaluation through Seminars and Assignments and regular monitoring of practical sessions.
- Meticulous records on student attendance.

As a part of CBCSS, the students have to participate in at least one club activity during the 3<sup>rd</sup> & 4<sup>th</sup> semesters. Our College has 25 club activities including science club, literary club, media club etc and students have freedom to choose their club. Each club has one or more teacher conveners and they evaluate the activities of student members and record it for evaluation. Club activity report is sent to the university along with internal assessment statements.

During the fifth semester students have opportunity to select an open course other than their core subject. Like core and complimentary papers, the evaluation of open course consists of an internal assessment & university examination. The university has introduced facility for online registration for examination in 2011. The institution uploads continuous evaluation reports in the university website regularly and the final results are published in the university website.

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

NIL
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## Criterion – II

### 2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
209	111	95	0	3

2.2 No. of permanent faculty with Ph.D.

99

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

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
10	1	0	0	0	0	3	0	13	1

2.4 No. of Guest and Visiting faculty and Temporary faculty

6	0	1
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2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	14	99	12
Presented papers	21	54	9
Resource Persons	0	20	11

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

1. Introduction of Semester system for undergraduate courses
2. Smart Classrooms were constructed
3. EDUSAT classes were conducted
4. Coaching for NET exam was provided
5. Workshops/ Seminars/Club/Debates were conducted
6. Field study was done for Geology, Botany
7. Training for Communicative English was started.
8. Photo exhibitions were conducted by various departments



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

199

2.8 Examination/ Evaluation Reforms initiated by the Institution

Term Tests, Assignments, and seminars

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

62

7

15

2.10 Average percentage of attendance of students

82

2.11 Course/Programme wise distribution of pass percentage :

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
BA / BSc	623		32	19	30	81
MA / MSc	203		65	20	4	89
M.Phil.	57	100				100
Ph.D.	29					100

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

The college has a well constituted IQAC which is empowered to provide its directions/suggestions with regard to teaching-learning process in the institution

- i. Development and design of quality programmes for various academic and administrative activities of the college
- ii. Facilitating a learner centric environment in the college for imparting quality education.
- iii. Advise and provide necessary training required for acquiring knowledge and technology for participatory teaching and learning process.
- iv. To ensure proper maintenance of computers, smart class rooms, and other modern equipments as per demands of the respective departments.

- v. The college planning committee and purchase committee works on IQAC advice.
- vi. The IQAC makes necessary arrangement for obtaining feedback responses from students, parents and other stakeholders which has been used for continuous quality improvement drives.
- vii. The IQAC takes lead role in organization of inter and intra institutional workshops, seminars on quality related themes and advise faculty members to submit projects and get funds from various agencies like University Grants Commission, Department of Science and Technology, Department of BioTechnology, Council for Scientific and Industrial Research (CSIR), Kerala State Council for Science, Technology and Environment (KSCSTE), Higher Education Council.
- viii. In addition to this the IQAC documents various programmes and activities of the institution for enabling future reference and improving the teaching learning process. Data available are further analyzed to highlight areas requiring further follow up.

#### 2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	9
UGC – Faculty Improvement Programme	2
HRD programmes	0
Orientation programmes	19
Faculty exchange programme	2
Staff training conducted by the university	10
Staff training conducted by other institutions	1
Summer / Winter schools, Workshops, etc.	25
Others	9

#### 2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	65	0	0	2
Technical Staff	11	1	0	0

## Criterion – III

### 3. Research, Consultancy and Extension

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

- To purchase more books/periodicals and subscribe online resources.
- To publish separate journals for Humanities and Social Sciences.
- To avail various research grants.
- To apply for more research projects.
- To undertake more PhD programmes.
- To apply for national seminars/workshops.
- To publish the research finding in indexed journals.
- To put in research culture among students through their UG and PG projects.
- To promote interdisciplinary work between departments for UG and PG projects
- To present more papers in national/international seminars.
- To choose areas of research relevant to the needs of the community.
- To make surveys, analyze the findings and disseminate the information.
- To engage in consultancy and generate fund.

#### 3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	3	3	1	
Outlay in Rs. Lakhs	30.65	28.75	9.93	

#### 3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	1	12	5	0
Outlay in Rs. Lakhs		7.4	2.4	0

#### 3.4 Details on research publications

	International	National	Others
Peer Review Journals	5	41	0
Non-Peer Review Journals	0	13	0
e-Journals	4	0	0
Conference proceedings	12	26	2

3.5 Details on Impact factor of publications:

Range  Average  h-index  Nos. in SCOPUS

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

Nature of the Project	Duration Year	Name of the funding Agency	Total grant Sanctioned (in lakhs)	Received
Major projects	2 years	KSCSTE	15.45	60%
	1 year	UGC	4.392	100 %
	1 year	Revenue Dept. Government of Kerala	10	100%
Minor Projects	18 months	UGC	1.3	85%
	2 years	UGC	1.72	100%
	2 years	UGC	3.10	75%
	1 year	UGC	0.52	100%
	1 year	UGC	0.65	55%
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College				
Students research projects <i>(other than compulsory by the University)</i>	4 months	KSCSTE	0.38	100%
Any other(Specify)				
Total			37.51	

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

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

UGC-SAP  CAS  DST-FIST   
DPE  DBT Scheme/funds

3.9 For colleges

Autonomy  CPE  DBT Star Scheme   
INSPIRE  CE  Any Other (specify)

3.10 Revenue generated through consultancy

3.11 No. of conferences organized by the Institution	Level	International	National	State	University	College
	Number	0	4	0	1	0
	Sponsoring agencies		DCE, Govt. of Kerala		University of Kerala	

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

3.13 No. of collaborations International  National  Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs :

From Funding agency  From Management of University/College

Total

3.16 No. of patents received this year	Type of Patent	Number	
	National	Applied Granted	0 0
	International	Applied Granted	0 0
	Commercialised	Applied Granted	0 0

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

Total	International	National	State	University	Dist	College
0	0	0	0	0	0	0

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

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

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

JRF  SRF  Project Fellows  Any other

3.21 No. of students Participated in NSS events:

University level	200	State level	3
National level	1	International level	0

3.22 No. of students participated in NCC events:

University level	52	State level	13
National level	24	International level	0

3.23 No. of Awards won in NSS:

University level	1	State level	0
National level	0	International level	0

3.24 No. of Awards won in NCC:

University level	0	State level	0
National level	1	International level	0

3.25 No. of Extension activities organized

University forum	0	College forum	1		
NCC	10	NSS	18	Any other	3

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

- Environmental awareness created by planting trees in the campus
- Energy Club inaugurated
- Quiz Competition held
- Field Evaluation conducted by Department of Geography

- Translation and Consultancy Service (Arabic)
- Remedial class of neighbouring school students
- Blood donation conducted by NSS
- Production of short films on social issues
- Geological field trips and mapping exercises
- Released the Student magazine

## Criterion – IV

### 4. Infrastructure and Learning Resources

#### 4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	10.62 acres	0		10.62 acres
Class rooms	51	0	0	51
Laboratories	25	2	0	27
Seminar Halls	5	0	0	5
No. of important equipments purchased ( $\geq$ 1-0 lakh) during the current year.	253	4	UGC	257
Value of the equipment purchased during the year (Rs. in Lakhs)	-	1.05 Lakhs	UGC	-
Others	-	-	-	-

#### 4.2 Computerization of administration and library

1. Online Catalogue of Library books is maintained
2. There is a data bank for staff and students

#### 4.3 Library services:

	Existing		Newly added		Total	
	No.	Value (L)	No.	Value (L)	No.	Value
Text Books	127716	101.27	2596	9.32	130312	110.59
Reference Books	6331	14.91	767	1.88	7098	16.79
e-Books	0	0	0	0	0	0
Journals	871	0.71	24	0.03	895	0.74
e-Journals	15				15	
Digital Database						
CD & Video	40	0.05			40	0.05
Others (specify)						



#### 4.4 Technology upgradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	45	5	6	1	0	0	0	0
Added	5	0	1	0	0	0	0	0
Total	50	5	7	1	0	0	0	0

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

- Staff and Students attended training program on Documentation held by OERC
- Students attended seminar on ICT
- Training by Higher Education Council for teachers.
- Computational Biology introduced as part of PG curriculum
- Training to teachers for e-Governance at Institute of Management in Government

#### 4.6 Amount spent on maintenance in lakhs :

i) ICT	0.48
ii) Campus Infrastructure and facilities	0
iii) Equipments	0.15
iv) Others	
<b>Total :</b>	<b>0.63</b>

## Criterion – V

### 5. Student Support and Progression

#### 5.1 Contribution of IQAC in enhancing awareness about Student Support Services

Under the supervision of IQAC, the college publishes a handbook annually for the teachers and students of the college. The contents of the handbook include Vision and Mission, College calendar, college almanac and the working days in each term for the particular academic year, a brief history of the college and succession list of Principals of the college, list of faculty members, scheme of study of the different courses offered in the college, qualifications for admission to various courses and other rules of admission, particulars of fee payable, rules for the collection and refund of caution deposit, form of application for refund of caution deposit etc. An induction programme is conducted for the newly admitted students at the college level and the department levels at the beginning of every year. This helps to create awareness among them about the need for completing the course and thereby decreasing the chance of drop outs. Students are given academic support and encouragement to take part in quiz competitions, debates, literary competitions, exhibitions, poster competitions, etc. Information regarding the various competitions is conveyed over the public address system and details are put up on the notice board.

#### 5.2 Efforts made by the institution for tracking the progression

- Remedial Coaching being conducted for weak students
- Class Test and Assessment conducted at regular intervals
- Class PTA organized each semester for feedback from the parents and students

A directory of all the students is available in the departments. The teacher in charge of the alumni contacts once in every year with students and collect their data either through e-mail or by SMS. Alumni registration facility is available in the college web site also.

#### 5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
2107	448	111	57

#### (b) No. of students outside the state

5

#### (c) No. of international students

1

Men	No	%	Women	No	%
	1035	38		1688	62

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
1196	399	132	930	36	2657	1232	405	131	955	41	2723

Demand ratio 5:1      Dropout % 4%

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

1. Special classes arranged for training students for CSIR/UGC NET/JRF exams
2. Classes being taken for preparing students for Civil Service Examination.

The students are informed about the opportunities of higher education and career development by the teachers. To encourage the students and to direct them towards higher opportunities, seminars and talks by eminent personalities are conducted. These seminars and orientation courses inculcate a sense of appreciation of the particular subject and motivate the students for pursuing higher studies. Students are made aware of the importance of financial independence. Career counseling and specialized training are given by the Career Guidance and Placement Cell, Women's cell, etc. which support the students to get employment. NET/SET coaching is also offered by all PG departments which are highly useful for the PG students. The college offers a number of training programmes in order to enable the students qualify in various competitive exams. 'Entry in Service' programme is one among them through which students are trained for getting into Central/State services. Coaching classes for qualifying in UGC-CSIR NET is another programme of the same category. Training for improving soft skills and communication skills are also offered in the college.

No. of students beneficiaries

172

#### 5.5 No. of students qualified in these examinations

NET

16

SET/SLET

19

GATE

0

CAT

0

IAS/IPS etc  State PSC  UPSC  Others

#### 5.6 Details of student counselling and career guidance

The college has a career guidance cell which has conducted three career guidance seminars for students during the academic year. It has also organised placements of reputed companies.

No. of students benefitted

#### 5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
10	108	11	10

#### 5.8 Details of gender sensitization programmes

A well functioning Women's cell is present in the college  
 A talk on Women Empowerment was organized by the Women's Cell

#### 5.9 Students Activities

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

State/ University level  National level  International level

##### No. of students participated in cultural events

State/ University level  National level  International level

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

Sports : State/ University level  National level  International level

Cultural: State/ University level  National level  International level

5.10 Scholarships and Financial Support

	Number of Students	Amount
Financial support from institution	NIL	
Financial support from government	2150	36,58,250
Financial support from other sources	NIL	
Number of students who received International/ National recognitions	NIL	

5.11 Student organised / initiatives

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

5.12 No. of social initiatives undertaken by the students

5.13 Major grievances of students (if any) redressed:

1. Repairing of Students Toilets done
2. "Use Me" bins placed in necessary places in the college
3. Free of charge Internet browsing facility introduced to UG/PG students of the college.

## Criterion – VI

### **6. Governance, Leadership and Management**

6.1 State the Vision and Mission of the institution

- Provide a sound education in basic science and humanities
- Inculcate high values through liberal education
- Promote research and learning at the PG level and beyond
- Provide a broad range of non-formal educational services
- Transform society through the empowerment of the underprivileged
- Provide inexpensive educational services to the weaker sections of the society and reinvent itself in response to the changing demands of society.
- Develop responsible leaders for the future

6.2 Does the Institution has a management Information System

Yes

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

6.3.1 Curriculum Development

- Participation in Board of Studies of the University of Kerala
- Meeting by Faculty Members
- Establishment of CBCSS

The CBCSS system was introduced in the first year of UG programmes. All the faculty members are involved in the development, implementation and analysis of this system as chairman, board members, special invitees, question paper setters etc.

6.3.2 Teaching and Learning

- Computer aided learning process
- Academic Committee meetings in college

The teaching and learning process effectively functions in such a way that information is passed to students in conventional ways and by using ICT enabled platforms. Teachers resort to the use of internet, e- books, e-journals, reference material, smart classrooms, ICT enabled language labs, ICT enabled practical classes, ICT enabled teaching, debates, field work and study tours. Students are provided exposure in reputed laboratories by arranging visits. Similarly, classes handled by experts are provided through EDUSAT facility available in the college. Students are exposed to emerging areas by arranging seminars/workshops and invited talks.

#### 6.3.3 Examination and Evaluation

- Exam committee meetings are held at stipulated intervals
- Continuous Evaluation of students and their record of Attendance and progress are maintained
- End Semester Exams are conducted by the University

As a part of quality strategy, college council decided to conduct internal examinations in proper time as per university schedule for CBCSS system. The timely declaration of results, its publication and settling of grievances are other implemented strategies.

#### 6.3.4 Research and Development

- Plan Fund allocation for the purchase of equipment
- Information obtained from various sources regarding Research projects, schemes, funding agencies, application forms etc are made available to the staff as well as students.
- Details regarding Minor and Major Research Projects and Postdoctoral fellowships are intimated timely.
- Necessary steps are taken by the research committee for the timely procurement and release of funds.
- Facilities like lab, library etc. is provided for research scholars. Timely auditing, submission of utilization certificate to the funding authority are monitored by the research committee.

### 6.3.5 Library, ICT and physical infrastructure / instrumentation

Reading room of the library was refurbished during the year

### 6.3.6 Human Resource Management

All the teachers have been given additional charges of internal evaluation of one of the classes under CBCSS system and charges of new clubs started as a part of new curriculum. Different teachers are working as nodal officers for various committees like Planning Committee, Building Committee, Purchase Committee, Library Committee etc.

### 6.3.7 Faculty and Staff recruitment

- Recruited by Kerala Public Service Commission as per vacancy reported from Directorate of Collegiate Education, Govt. of Kerala

### 6.3.8 Industry Interaction / Collaboration

Area of service	Name of the Department involved	Nature of service	Beneficiaries
Statistical Analysis	Dept. of Statistics	Free	Medical professionals/ Economists/Research Scholars
Psychological Counselling	Dept. of Psychology	Free	Students and referral patients from various clinics
Arabic Translation	Dept. of Arabic	Free	General Public

### 6.3.9 Admission of Students

- UG and PG students are allotted by the University of Kerala
- M.Phil and Ph.D. students are admitted as per the norms of University of Kerala



The College has an open, corruption free, reservation based admission system. In this year college has strictly followed the government/ university policies of reservation with no complaints from any classes of society.

6.4 Welfare schemes for	Teaching	NIL
	Non teaching	NIL
	Students	Scholarships from state and central government. Fee concession for eligible students

6.5 Total corpus fund generated

6.6 Whether annual financial audit has been done    Yes     No

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	NA	Yes	Concerned Departments
Administrative	Yes	Directorate of Collegiate Education, Govt. of Kerala	No	

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

For UG Programmes    Yes     No

For PG Programmes    Yes     No

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

College is affiliated to the University of Kerala and all examination reforms are made by the university.

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

- Two internal examinations for each semester are conducted by the college.
- Internal evaluation for student projects under CBCSS system.

6.11 Activities and support from the Alumni Association

- Alumni meetings of various departments conducted
- Conducted a workshop on vector control
- Conducted a class on HIV and AIDS awareness by Dr. Suresh kumar from AIDS Control Society
- University College Alumni Senior Citizens Association (UCASCA) Prize to the Students (2 Nos) who secure the highest mark in Part I English B.A.

6.12 Activities and support from the Parent – Teacher Association

All the maintenance work in the college are done with PTA fund. PTA is continuously monitoring the development of the college and advices on its activities. The PTA is managing a reprographic centre inside the college catering all the related student needs.

6.13 Development programmes for support staff

- Entry in Service training was provided for the newly recruited staff
- Training on office automation using MS Word was provided for the Administrative Staff

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

- Afforestation and gardening was done by the students
- The campus was declared “Plastic Free Campus”
- Campus cleaning was done by the students once in a month
- Photo exhibition by staff and students on biodiversity was held at the college

Wide varieties of herbaceous and shrubby forms of plants that are of medicinal value grow luxuriantly in the campus. Planting and rearing of plant species are taken up by the Nature Club of the college in collaboration with the Department of Forests, Govt. of Kerala. Students are encouraged to set up vegetable and flower gardens keeping in view the idea of organic farming. Awareness programmes on global warming, environmental sustainability, organic farming etc. are organized.

## Criterion – VII

### **7. Innovations and Best Practices**

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

- Smart class rooms were set up
- Invited talks by experts from foreign universities were conducted.

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

Organised in house training programmes for the faculty and students under the leadership of the IQAC.

Organised a three day Workshop on e Teaching and Learning in the Online Education and Research Centre by utilising the plan funds, streamlining of the documentation activities of IQAC through monthly updation through the LAN and encouraging the Faculty in participating in National/International Conferences.

7.3 Give two Best Practices of the institution (*please see the format in the NAAC Self-study Manuals*)

- Civil Services Coaching
- Promotion of Excellence among Gifted Students of Kerala
- Career Guidance and Placement
- Service to Society through National Service Scheme
- NCC Army and Navy Wings

- **The details of best practices are specified in Annexure iv**

#### 7.4 Contribution to environmental awareness / protection

- Celebrated World environment day and Ozone day
- Maintenance and protection of 62 plant species in the campus
- Awareness in the form of seminars and activities of nature club
- The campus was declared “Plastic Free”
- A survey of the flora, especially tree forms, has been undertaken with a view to unveiling the presence of rare and endangered plants as well as medicinal plants, both indigenous and exotic. The floristic diversity of the campus includes 62 plant species belonging to 59 genera and 29 families.
- Campus cleaning programme was conducted by the students

7.5 Whether environmental audit was conducted?    Yes     No

7.6 Any other relevant information the institution wishes to add.

- **SWOT Analysis is given as *Annexure v***
- **Details of CSIR/UGC qualified students, Rank Holders and Seminars hosted by the college are given in *Annexure vii***

## 8. Plans of institution for next year

- To conduct International and National Seminars supported by UGC and other funding agencies
- To provide Orientation classes to the newly recruited teachers during the last three years.
- To conduct an exhibition with participation of all the Science Departments in connection with the International Year of Chemistry – 2011 (IYC)
- To barcode all the text books in the general library and department library and link to the cluster website
- To conduct a 'Green Audit' – a survey of all the trees in the campus.

Name Dr. K. Murugan

Name Dr. Thankamani M.K.



\_\_\_\_\_  
*Signature of the Coordinator, IQAC*

\_\_\_\_\_  
*Signature of the Chairperson, IQAC*

\_\_\_\_\_\*\_\*\_\*\_\_\_\_\_  
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**COLLEGE CALENDER FOR 2010-11**

Date of opening of the College for Academic Year - 01-06-2010

Date of closing of the College for Onam holidays - 20-08-2010

Date of re-opening of the College after Onam holidays - 31-08-2010

Date of closing of the College for Christmas holidays - 23-12-2010

Date of re-opening of the College after Christmas holidays - 03-01-2011

Date of Closing of the College for Summer Vacation - 31-03-2011

**Working Days**

<b>I Term</b>	<b>II Term</b>	<b>III Term</b>
01-06-2010 to 20-08-2010	01-10-2010 to 23-12-2010	03-01-2011 to 31-03-2011
June 22		
July 22	October 20	January 20
August 15	November 19	February 24
September 19	December 16	March 22
Total 78	55	66

Total number of working days for the Academic Year 2010-2011 = 199

## SEMESTER SYSTEM

In each Semester system, Classes are to be engaged at least for 90 days or 450 hours. Any deficiency in this shall be made good gather by conducting classes on holidays /Saturdays or engaging extra classes on working days, so that minimum teaching hours (450 hours) shall be conducted.

If any of the dates prescribed in the calendar happens to be holiday, the next working day shall be the presented date for the academic event notified.



## FEED BACK FROM STUDENTS

- Remedial to weaker subjects should be given.
- Maintenance of classrooms is needed.
- We are satisfied with the college library, collection of books and the services provided there. But there should have more reading space.
- The ICT resources of the college are very much helpful to the student community. These resources have reoriented our learning process. It has shown before us a method of lifelong learning.
- Some of the class rooms are spacious, while others are not. The class room furniture is adequate, but is very old and hence need to be repaired or replaced.
- Satisfied with rest/waiting room facilities.
- The toilets are to be renovated as they are very old and the premises are not at all hygienic.
- In case of an emergency, we are given immediate medical attention. Teachers accompanying us to the nearby hospital and care us like our mothers. It will be better if a doctor is appointed at the college for attending the needy students.
- The services offered by the PTA office are invaluable.
- The support of the administrative staff in providing services regarding scholarships, exam registration, bus concession etc is excellent.
- The physical education department of the college is very helpful in training students in various sports events.
- The college has a long back tradition of promoting the cultural and literary talents of the students. The different cultural event/fests organized in the college encourage us to a great extent. We have got lot of opportunities to interact with eminent writers and artists.

## PARENTS FEEDBACK FORM

Name of Parent/Guardian:

Name of Student:

Class:

NB: For grading please indicate the marks given in the brackets.

	<b>Criteria</b>	<b>Excellent (4)</b>	<b>Good (3)</b>	<b>Average (2)</b>	<b>Poor (1)</b>
1.	Your rating about the College discipline?				
2	Your rating about the Teacher-Student relationship?				
3	Teacher's approach towards parents?				
4	Evaluation about College's care in student's character building?				
5	Individual attention given to the students?				
6	Clarification of classroom doubts?				
7	Your rating about the teaching methods adopted in the College?				
8	Assessment about the teaching/learning in the College?				
9	Co-curricular activities in the College?				
10	<i>Your feedback</i> about the facilities of the College?				
	Regarding Infrastructure?				
	Library?				
	Laboratory?				
	ICT/ Computer/ Internet facilities?				
11	Importance given to the English language?				
12	Your overall rating about the College?				

13	Your overall rating about our teachers?				
14	Personality development & other training programme is adequate?				
		<b>Always (4)</b>	<b>Someti mes (3)</b>	<b>Never (1)</b>	
15	Do you feel free to approach the College authorities?				
16	Do you get clarifications/ responses from the College authorities whenever demanded				
17	Do you think the College equips your child properly so as to face the future competitions in his Life and Career				
18	Will you recommend this College to your friends/relatives? Why?				

Will you recommend this College to your friends/relatives? Why?

YES. Having 22 departments on various subjects and that much teachers is a source of inspiration for higher education.

19. Difference of this college with other colleges in the city

Being situated at the heart of the city it is convenient to visit libraries in city.

20. Any other suggestions for further improvement:

1.

2.

3.

Date

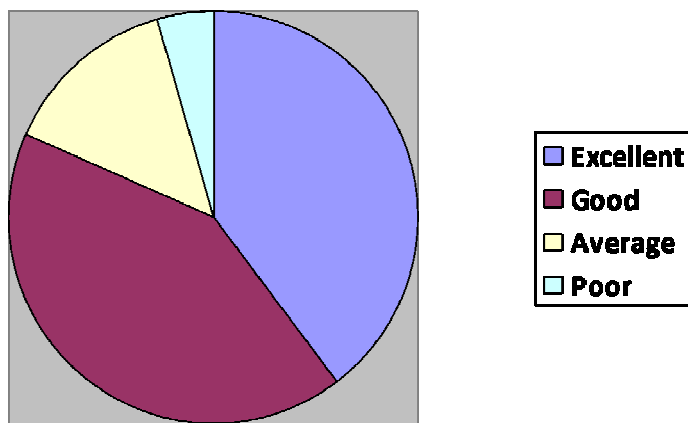
Signature

## ANALYSIS OF FEED BACK FROM PARENTS 2010-11

Total No. of Parents participated - 210

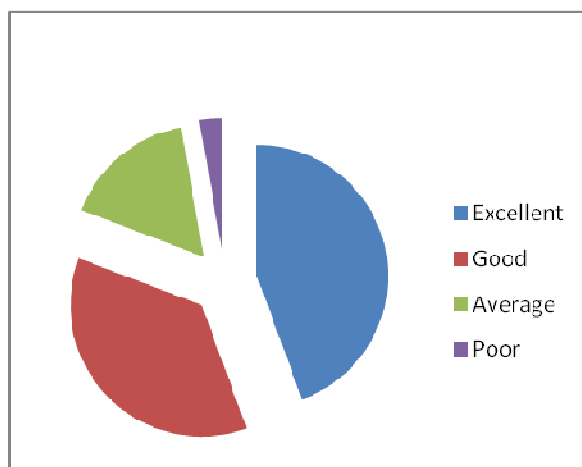
1. Your rating about the College discipline?

Excellent	Good	Average	Poor
79	95	25	11



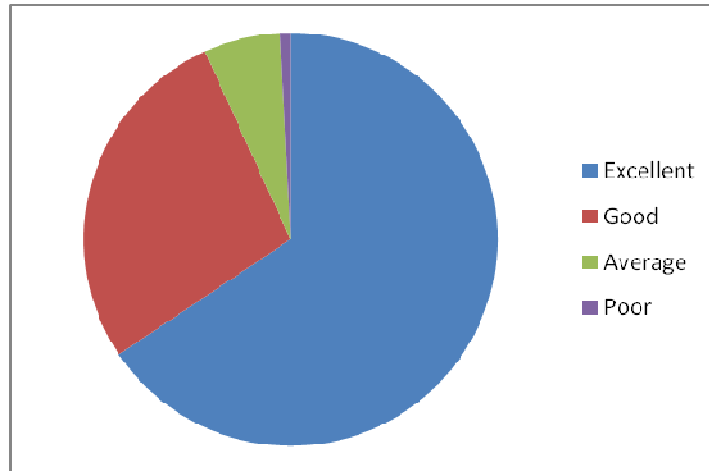
2. Your rating about the Teacher-Student relationship?

Excellent	Good	Average	Poor
71	101	31	7



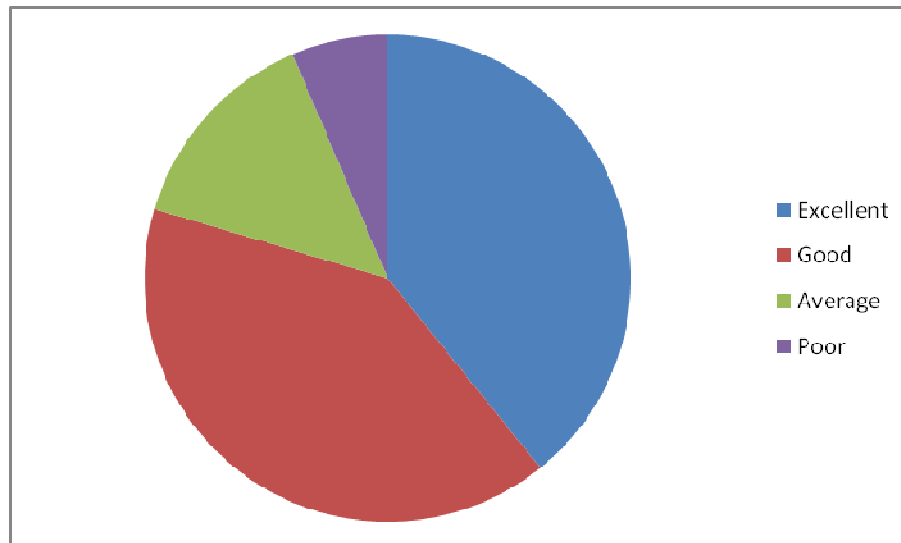
3. Teacher's approach towards parents?

Excellent	Good	Average	Poor
110	80	15	5



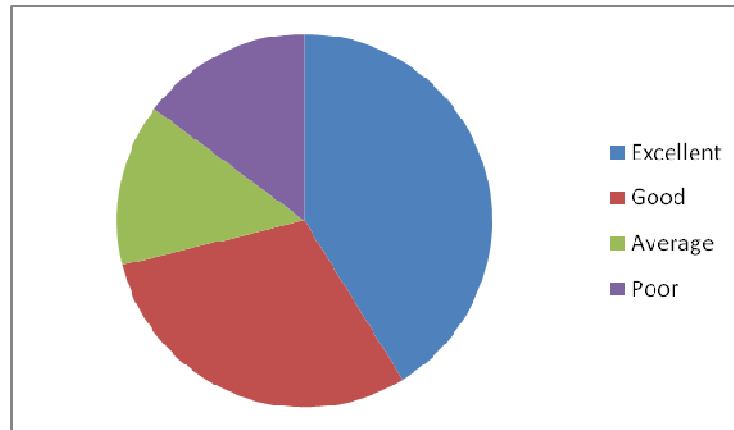
4. Evaluation about College's care in student's character building?

Excellent	Good	Average	Poor
78	101	19	2



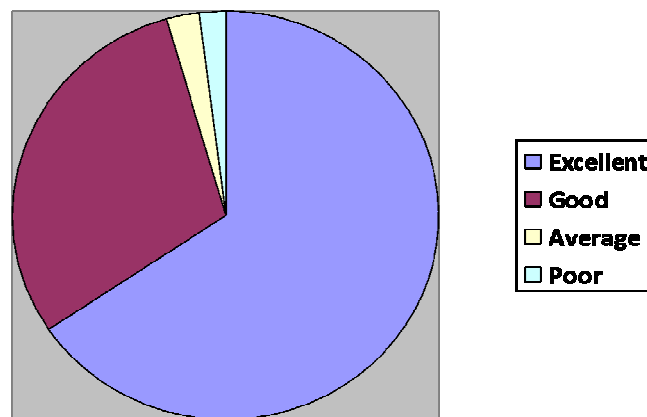
5. Individual attention given to the students?

Excellent	Good	Average	Poor
83	55	35	37



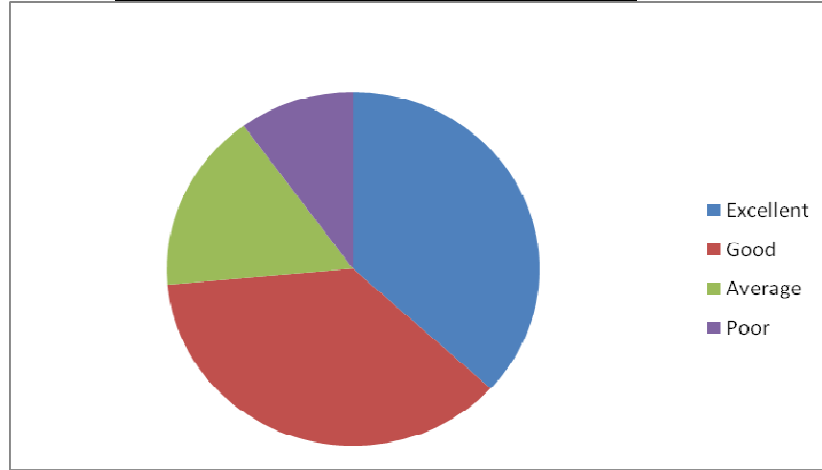
6. Clarification of classroom doubts?

Excellent	Good	Average	Poor
164	75	6	5



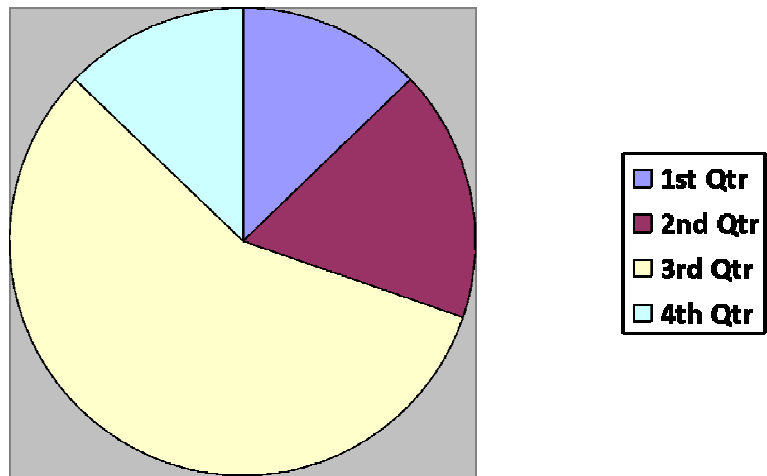
7. Your rating about the teaching methods adopted in the College?

Excellent	Good	Average	Poor
92	92	41	25



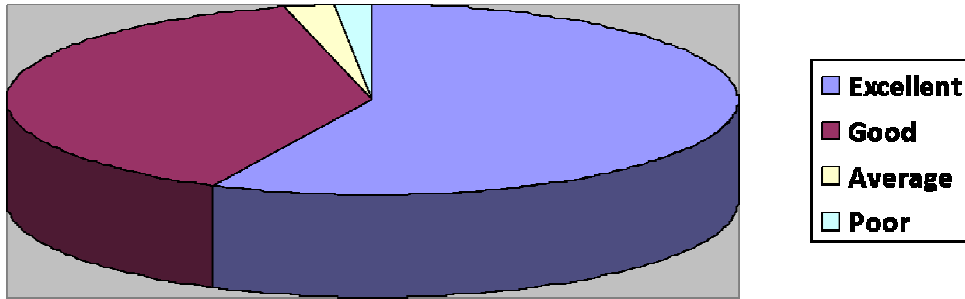
8. Assessment about the teaching/learning in the College?

Excellent	Good	Average	Poor
176	37	20	17



9. Co-curricular activities in the College?

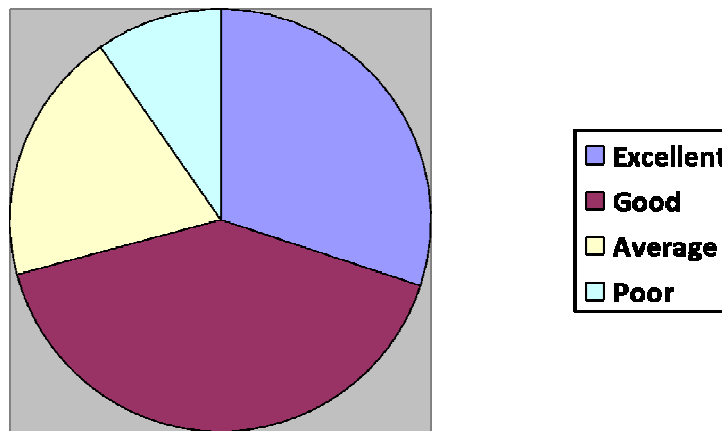
Excellent	Good	Average	Poor
143	97	6	4



10. *Your feedback* about the facilities of the College?

a. Regarding Infrastructure?

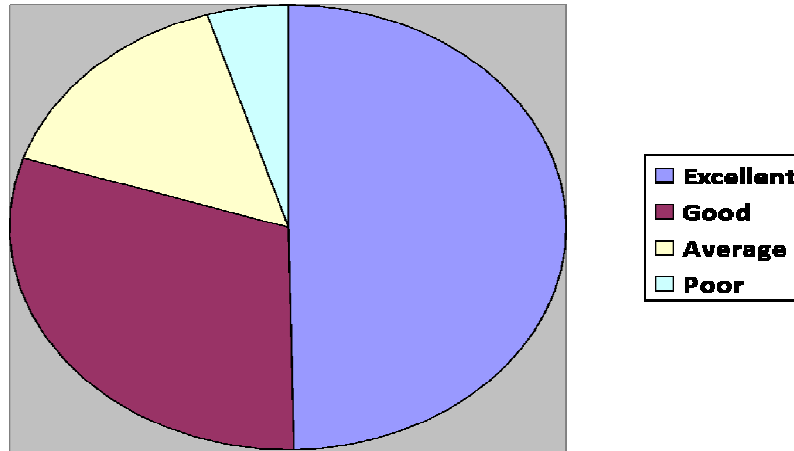
Excellent	Good	Average	Poor
75	102	49	24





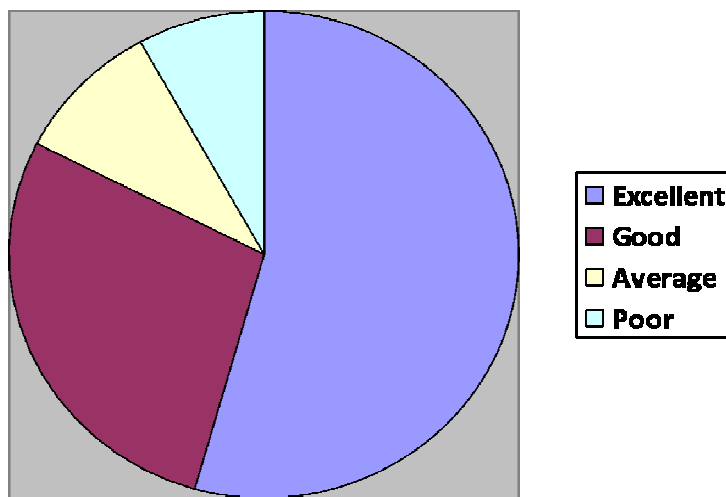
b. Library?

Excellent	Good	Average	Poor
124	76	38	12



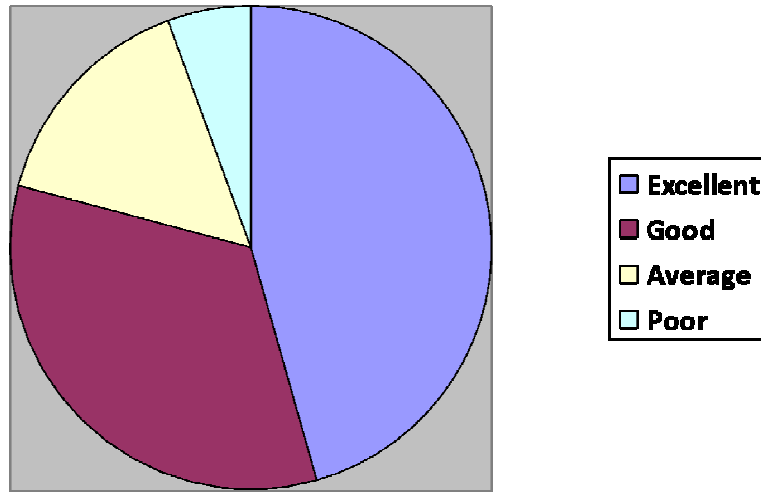
c. Laboratory?

Excellent	Good	Average	Poor
68	35	12	10



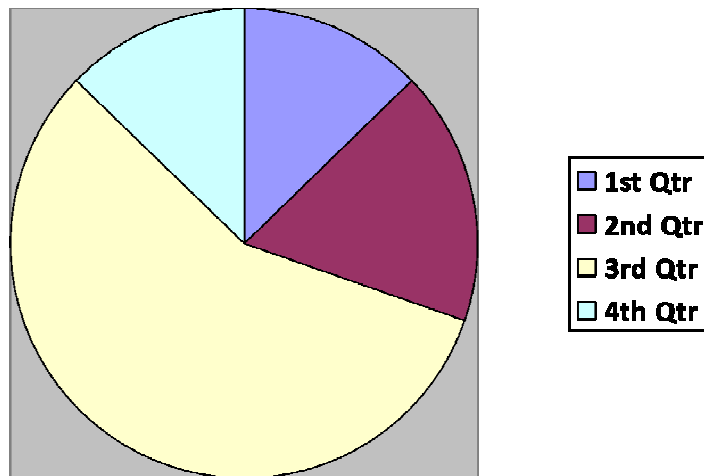
d.ICT/ Computer/ Internet facilities?

Excellent	Good	Average	Poor
114	84	38	14



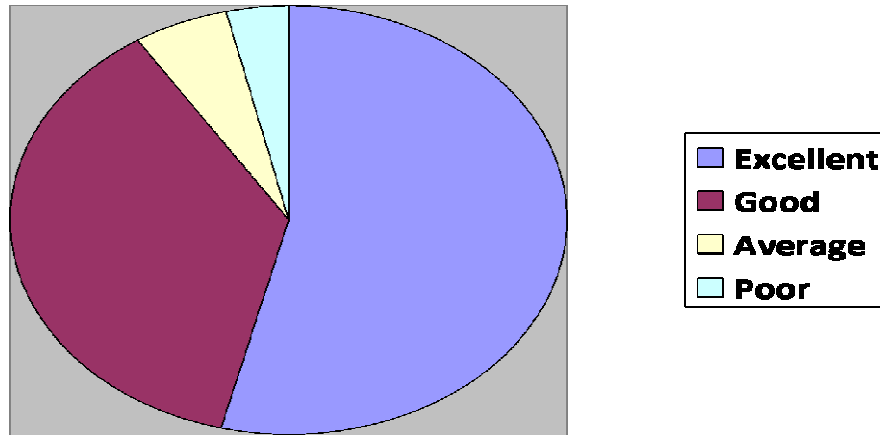
11. Importance given to the English language?

Excellent	Good	Average	Poor
134	55	36	25



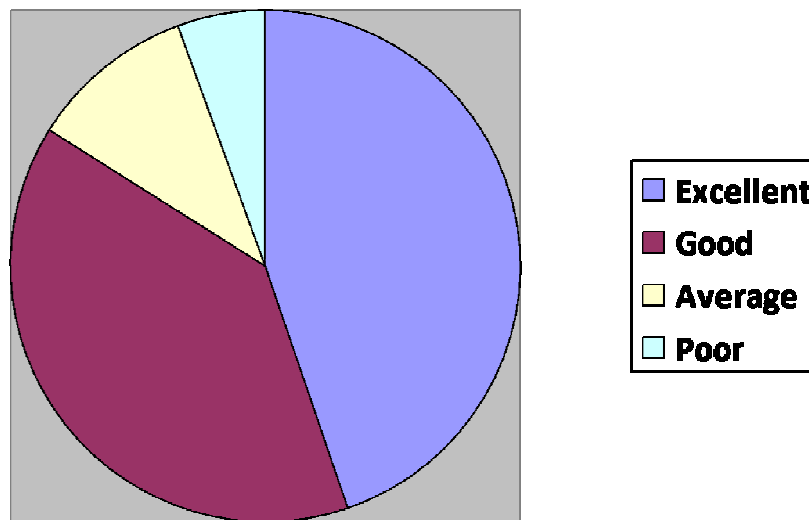
12. Your overall rating about the College?

Excellent	Good	Average	Poor
135	92	14	9



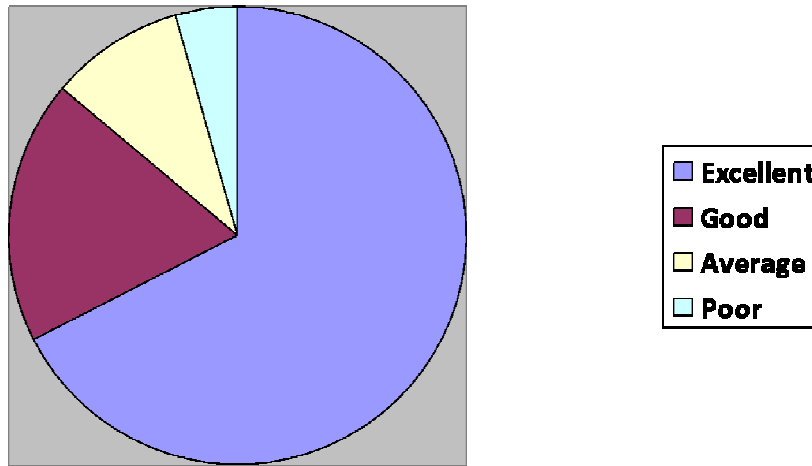
13. Your overall rating about our teachers?

Excellent	Good	Average	Poor
112	98	26	14



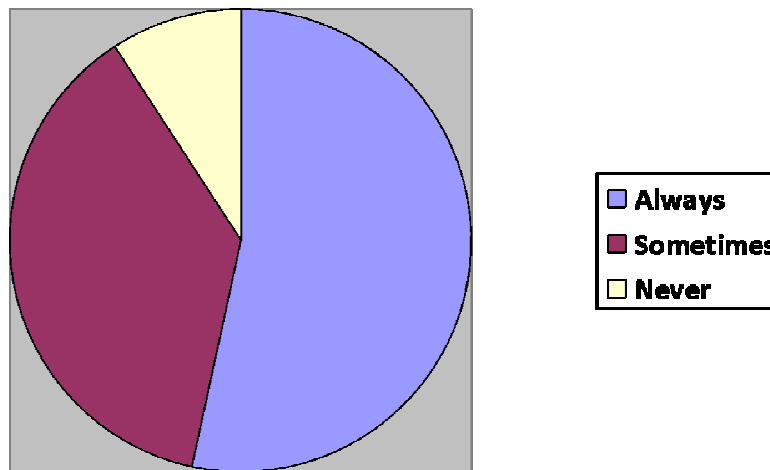
14. Personality development & other training programme is adequate?

Excellent	Good	Average	Poor
169	46	24	11



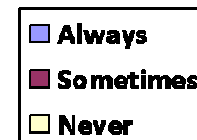
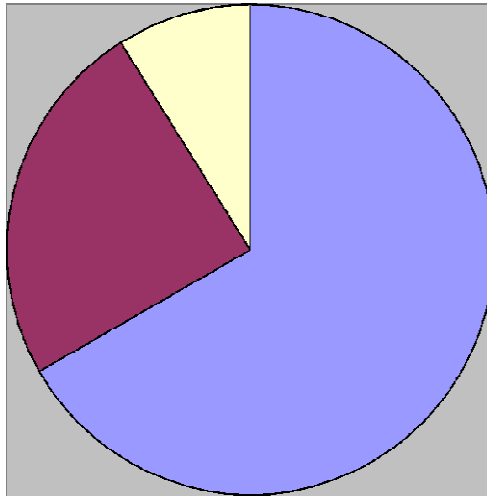
15. Do you feel free to approach the College authorities?

Always	Sometimes	Never
133	94	23



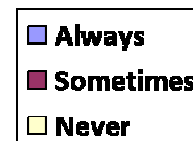
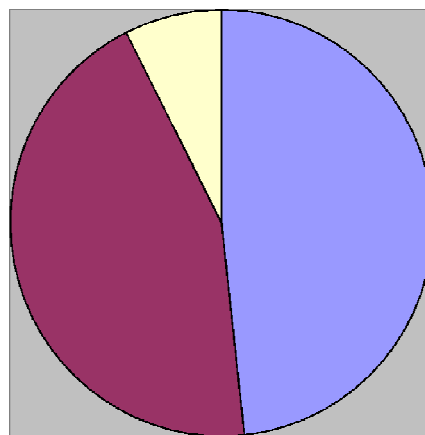
16. Do you get clarifications/ responses from the College authorities whenever demanded?

Always	Sometimes	Never
167	61	22



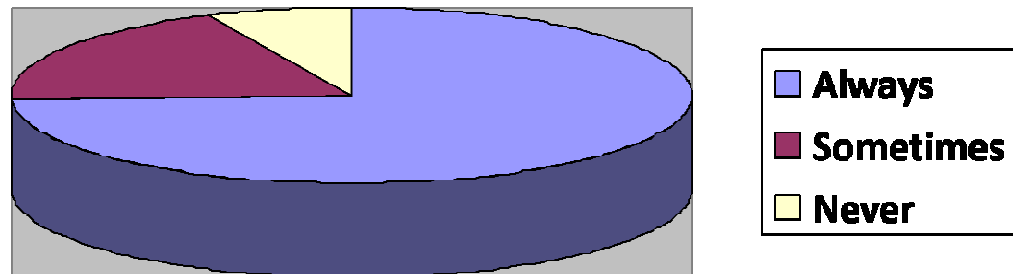
17. Do you think the College equips your child properly so as to face the future competitions in his Life and Career?

Always	Sometimes	Never
121	150	8



18. Will you recommend this College to your friends/relatives? Why?

Always	Sometimes	Never
230	49	8



**BEST PRACTICES**

**(2010 - 2011)**

**1. Title of the Practice**

- Civil Services Coaching
- Promotion of Excellence among Gifted Students of Kerala
- Career Guidance and Placement
- Service to Society through National Service Scheme
- NCC Army and Navy Wings

**2. Goal**

We aim at educating and bringing out the best in every single student who enters the portals of this college so that each of them is well equipped both for life and for a living. The main purpose of education is to mould an individual into a good human being. So the college authorities have taken efforts to cultivate personal skills needed for a good life. There is a well established Civil Services Coaching centre, directly funded by the state government, running in the college since 1961. The Career Guidance Cell by its activities aims at shaping and moulding the students for facing life both in the academic aspects as well as professional side. The Placement cell activities promote the students to come forward and get placements in reputed institutions and organizations so that the students get a safe platform to come up in their life. In addition to nurturing the needs of the students of the college, the college authorities have well planned schemes for looking into the needs and skills of students of schools and the society as a whole. The Scheme of Promotion of Excellence Gifted Students of Kerala and Service to Society through NSS are the activities that promote such well-being in the society. Thus in addition to class room teaching, we take special interest in nurturing the various skills left unnoticed in our students as well as other students of nearby schools and colleges and also the needs of the society.

**3. The Context:**

Nearly 1000 new students join this college every year for the PG, UG courses and M.Phil. offered by the college in about 23 disciplines. Though the college is situated at the heart of the city, most of the students come from rural areas and that too from poor economic background. Besides class-room teaching, we organize a wide range of activities and programmes for developing the soft skills, life skills, and entrepreneurial skills, artistic and academic talents of the students. The motto of service to society is

embedded in the minds and activities of each individual teacher and concerned authorities of the college and therefore we have well planned activities through the NSS for serving the society. The physical skills of the students are nurtured by the activities of the Physical Education department.

#### **4. The Practice:**

A meeting is convened by the college authorities for the students who get enrolled in this college especially the UG students are given an awareness of the tradition and history of the college as well as the various courses and open courses that are offered by the various departments, and also the rules and regulations to be observed in the campus. They are also made aware of the different clubs functioning in the campus along with their objectives. Students can join any one of these clubs according to their interest and choice and improve themselves by actively participating in it. The students are also informed about the functioning of bodies like Anti-ragging Cell, Grievance Redressal Cell and Counseling Centre which provide protection and support to the students.

Various club activities such as Nature club, Science club, Women's club, Literary club, Drama club, Botanical club, Film club, Geo forum, etc. imbibe in the students a sense of responsibility and well being and aspire them for coming up in life. With these considerations these activities are taken up as a collaborative work of the college as a whole or individual departments. The Geoforum meetings conducted every Friday during the afternoon break session by the Department of Geology help the students to remove their stage fear and speak boldly in front of large audiences as well as to prepare themselves for the latest developments in the scientific, literary and economic fields, especially the field of earth sciences. The contributions of the other clubs are also worth mentioning, helping the students in one way or other in addition to their actual study of course materials.

The Department of Physical Education provides training to the students in sports and games, and renders the students fit to take part in various university level, state level as well as national level sports and games events. The Department organized coaching camps in the campus and sent the players to participate in the coaching camps conducted by Kerala University and Kerala Sports Council.

The Civil Services Coaching Centre provides excellent coaching both to the students from the college as well as outside students who prefer a career as Civil servants. Another flagship program of the college is Promotion of Excellence Among Gifted Students. This is a program for children grades VIIIth and IXth standard using a hands-on approach integrating mathematics, science (Physics, Chemistry & Biology), English, information technology and counseling in all the districts in Kerala. The program is consistent with the international recommendations in Science Curriculum and Evaluation Standards for School students. The model of learning includes interaction with the real world through hands-on activities; design, construction, and use of data records; use of graphic/pictorial representations to display data; and engagement in the higher-order thinking processes of hypothesizing, inferring, and generalizing. The students participating the programme belong to various high schools of sub district



Trivandrum, Neyyatinkara and Attingal. The programme is monitored by Deputy Director of Education, Thiruvananthapuram. There are 60 students in each batch. i.e. 60 from VIII<sup>th</sup> standard as fresh and they will continue till in IX<sup>th</sup> standard. So there will be a total of 120 students at a time. Classes are arranged separate for seniors and juniors. They are also getting chances to present their scientific data in Seminars including National Children's Science Congress and Initiative for Research and Innovation in Science (IRIS). The classes are arranged on two Saturdays per month (Second and IV<sup>th</sup> Saturdays).

The Career Guidance and Placement Cell of the College organized placement interviews by various firms for the students of the college. The National Service Scheme Unit of the college has four units in the College and has a total capacity of 400 volunteers. It conducted the Environment Day Celebration, Blood donation camps, Kargil Day observation, Aids Day Observation, Legal Literacy Classes, Campus cleaning activities both within the campus as well as outside campus, etc. Student volunteers were deputed to various camps conducted by the University of Kerala and also for the National Camps. The Army and Navy wings of the NCC unit of the college also conducted co-curricular programmes for the benefits of the candidates who got enrolled in the units. The cadets of Naval Wing attended and participated in National Integration Camps, Trekking Camps, Advanced Leadership Camps, Ship Attachment Camps, Sailing Expedition Camps and Annual Training Programmes.

## **5. Evidence of Success:**

Many students have received the benefits from the various activities of the college mentioned above. The success of these activities of the college is reflected in the number of students who have been well placed in firms or were able to chalk out a higher academic career in other universities and colleges. In NCC army wing 38 students passed in B certificate examination and 27 in C certificate examination. Mr. Shameer an NCC cadet joined Indian Army in Officer grade during the year. He also brought on emore feather by going to the O7A in Nagpur for training. In NCC naval wing one of the cadets got National LevelGold Medal in Ship Modelling

## **6. Problems Encountered and Resources Required:**

- (i) The main limitation is space constraint. Though we have 10 Acres 60.270 cents of land in the heart of the city, the existing buildings in the campus are crowded and sprawled which obstructs further construction. Lack of more number of additional classrooms causes inconveniences especially during the onset of University examinations as classes have to be converted to examination halls. The sanitation facilities for both teachers and students have to be improved to a great extent. Resources for the construction of multi-storeyed buildings are required for further developments and expansion.
- (ii) The number of posts of attenders, peons, sweepers and sanitation workers are not sufficient to cater to the needs of the college and students.

(iii) Due to very tight academic schedule, the staffs find it very difficult to compensate for the lost working days.

**7. Notes:** Nil

**8. Contact Details:**

Name of the Principal: Dr. M. Abdul Rahim

Name of the Institution: University College, Trivandrum

City: Thiruvananthapuram

Pin Code: 695 034

Accredited Status: A+

Work Phone: 0471-2475830

Website: <http://www.universitycollege.ac.in/>

### **SWOT Analysis of the College**

#### **STRENGTHS:**

University College, Thiruvananthapuram, established in the year 1866, is the first of its kind in the state of Kerala. Started by the then Travancore Maharajah and guided by a series of distinguished Principals, both English and Indian, the college attracted the pick of the intelligentsia of the state. Today, after more than a 140 years of dedicated service to the nation, the College stands tall for having produced thousands of luminaries that includes former President of India late Sri. K.R Narayanan, Cabinet Secretaries, Ambassadors, Teachers, Politicians, Civil Servants, IT doyens, Poets, Writers and Artists. Currently offering 18 Under Graduate, 20 Post Graduate, 13 M.Phil and 17 Ph. D programmes, the College retains its academic vibrancy. We believe that the Reaccreditation by NAAC with A grade on 2010 bears a testimony to this fact.

The institute is housed in a campus, of slightly more than 10 acres, located at the heart of the city and is separated into two by the arterial MG Road. The college is easily accessible via public transport to its students and staff. It is only 2 km away from the Thiruvananthapuram Central Railway station and 5 km from the International Airport. The departments are accommodated in permanent structures spread across the campus on both sides of the MG Road. More than 70 percent of the buildings fall under the heritage and archeologically protected areas. The college buildings itself are a must visit spot for anyone interested in the history of Travancore.

With a strength of more than 3000 students, the college is one of the biggest Arts and Science college of the state in terms of number of students. The selection of the students is made by the University of Kerala itself, on the basis of merit alone and as per reservation norms. The students are a mixture of all social classes of the society and the percentage of financially challenged but meritorious is very high. Though the college is located in an urban area, 90 percent of the students are from the rural areas and belong to socially and economically backward segments. On comparison among similar Arts and Science Colleges functioning within Kerala, our college stands out as one of the most preferred destinations for the academically excellent students. The higher ratio of the number of applications to the sanctioned strength illustrates the great demand for the courses offered by this Institution.

The highly qualified, experienced and dedicated faculty are the true guardians of the brilliance of the college. The entire staff both teaching and non teaching are recruited by the Kerala Public Service Commission based purely on merit and fulfilling reservation norms. Though the recruitment is done for service liable to be placed anywhere in the state, the pick of the bunch tries to

settle in this college, taking into account its academic heritage and many being the alumni of the college. The effective and efficient utilization of this human resource ensures empowerment and quality transformation of the student community. This is testified by the consistent top ranks and grades secured by our students at the University level.

Out of the 23 departments, 17 departments have been identified as Research Centers. These departments are actively engaged in research activities. The faculty of the institution are involved in framing and restructuring of the syllabi for the UG and PG programmes in their capacities as Chairman of Board of Studies, Member of Board of Studies, Academic Council, Faculty of Science, Faculty of Arts and Faculty of Commerce, Senate and Syndicate of the University of Kerala. At a stone throws distance from the University of Kerala, the faculty of the college is the most sought after group by the University for its academic needs. Specialized lab facilities with modern and sophisticated equipments/instruments are available in the Science Departments. This facilitates proper blending of traditional and modern teaching-learning processes. Extension and field outreach programmes are conducted in the College under the guidance of the teachers.

A total of 138305 books from historic ones to recent journals are accessible from the college library. The library is decentralized and is spread over the institution, with a general library catering to the wide-ranging needs of the students and departmental libraries for specialized topics. The sharing of the campus boundary with the Library of the University of Kerala and the proximity of the State Central Library makes the college the most preferred destination of the voracious readers both teachers and students alike. In order to acquaint the students and faculty with the latest developments in their respective areas, standard journals leading newspapers magazines & periodicals are also subscribed in the Institution.

There are 25 clubs functioning in the Institution and the Institution ensures that every student is a member of a club. To develop leadership qualities among students, Class Leaders, Association Secretaries, College Union Members and Club Convenors are chosen from students. A senior member of the faculty is specifically designated as staff advisor to the students and the student leaders act in consultation with the advisor. The students are provided an environment in which they are free to take appropriate democratic decisions at their level. The NSS units functioning in the institution provide ample opportunities for developing the personality of the student through community service. Through NSS activities the students get a sense of social responsibility and develop involvement in the task of nation building.

Special training is offered by the Physical Education Department for various sports, games and athletic events. The college has a handball court and volleyball court of decent standards. The Kerala University stadium with its synthetic track, football and cricket grounds and sophisticated gym with

trainers is at a 5 minutes walk from the college and is accessible to the sports students of the college. Students who excel in national and international levels in sports consistently adorn the lines of the college. Yoga classes are also conducted for ensuring the physical and mental health of the students and teachers in the Institution. The Institution also provides a suitable platform for the students to showcase their talents through various cultural activities like Arts Festival and interdepartmental competitions. The students of the institution actively participate in intercollegiate, inter university, national level competitions. The institution has a very effective PTA which is actively involved in all the developmental and welfare activities of the Institution. The Principal of the college is the president of the PTA. The administrative power rests with the executive committee which comprises of parents and teachers. The alumni of the college often lend a helping hand in the well being of the institution. Many of them are occupying key positions in Government and Private Sector and they provide valuable input for the development of the institution. The alumni have its representation in the important bodies of the institution like College Development Council, IQAC (Internal Quality Assurance Cell) etc. They also extend financial support to meritorious students who belong to the socially and economically backward sections of the society.

Forty eight endowment prizes have been instituted by our former faculty members and alumni for recognizing the meritorious performance of the students every year. Each year a day is dedicated for disbursing these endowments named the “Merit Day”. The college office plays a responsible role in the procurement and timely disbursal of the many scholarships spurned by the Central & State governments like Central sector Scholarship, State Merit Scholarship, Higher education scholarship, ASPIRE scholarship, Indira Gandhi scholarship etc.

### **WEAKNESSES:**

The college is administratively controlled by the State Government and academically governed by the Kerala University. All academic reforms are incorporated within the purview of the rules and regulations of the Government and the University. Any delay, right from the time of UG/PG./MPhil admissions, to conducting exams and publishing results causes irrevocable loss to the scholars. The staff and the students have to many a time work on weekends and holidays to overcome this dearth of time. There is a huge shortage of administrative support in the college which adversely affects the day to day affairs of the college. The ratio of administrative staff to students is at 1:38. The position is not different with the technical staff also. The lack of technical training required for handling modern and sophisticated equipments also further worsens the situation.

The heritage status of the buildings of the college and the space constraints inside the campus together wane the chances of big new buildings for the college. The time tested buildings, though airy in the hottest of summers, still show the creases of inadequate funding for its apt maintenance. ICT enabled

classrooms in the college is grossly insufficient. Often teachers have to take turns to conduct ICT enabled lectures. Inadequacy of computers, clusters and networking facilities is a constraint to support high-end applications like Computational Physics, Chemistry, Computational Biology, SPSS etc. Though individual departments have separate net connectivity, the campus lacks Wi-Fi connectivity and the data transfer rates have to be improved. The laboratories available in the college are over a century old and are long due for up-gradation to meet the latest developments in its field. Since majority of our students belong to the socioeconomically backward strata, the college is the only source through which the students get access to ICT enabled resources and laboratory facilities.

Considering the magnitude of the revision and updation in the curriculum and allied branches of study, the college is not always in a position to strengthen and upgrade the library. The amount approved for this purpose is insufficient to meet the needs adequately. The same is the case with journals, magazines and e-resources. The researchers of the college often have to use their personal contacts to gain access to many reputed online journals.

Three percent of the total seats for UG and PG courses are exclusively set apart for Persons with Disabilities (PWD). The facilities made available for these students need improvement. However, as and when required, necessary rearrangement of class rooms, accessibility to laboratories and toilets are made for the convenience of the PWD students.

As a policy initiative, the department of General Education is consistently enhancing the intake capacity of Higher Secondary streams, which is the feeder course for the UG programmes. However, to tap this excess traffic accumulated over the years, commensurate capacity expansion is not taking place in higher education level. The existing programmes assign only a limited space for sensitizing the student community to social issues, creating civic sense, developing life and human skills to make them responsible and accountable citizens. Though the institution possesses immense human resource potential, the existing regulatory framework prevents the institution from taking up consultancy engagements.

### **OPPORTUNITIES:**

The institution is finding it extremely difficult to accommodate the ever increasing demand from the major feeder programmes namely HSE, CBSE and ISC. This gap has widened considerably over the years. This is evident from the high demand ratio of students for admission at UG Level. Hence, this is the right time to tap this potential by offering parallel batches for the existing UG and PG programmes.

In obvious addition to the above, there exists enormous opportunities for introducing innovative and career oriented programmes as per the industry expectations. To augment the higher level fine tuning warranted by the evolving industries, additional skills have to be developed along with the existing

curriculum. In this context there is ample scope for introducing more skill based, short term programmes and for strengthening existing programmes. The city of Thiruvananthapuram hosts a considerable number of IT and ITES companies at the Technopark. Short term courses can be started to cater to the needs of these IT companies. If this environment can be fostered with a positive spirit it can result in a win-win situation for the institution and the collaborators.

The resources of the institution can be utilised for consultancy services, and the revenue generated through this can be utilised for developmental activities in the college. With sufficient infrastructure investment in this area, the multi-disciplinary expertise available in the college can be effectively utilised for consultancy. The institution has immense scope for disseminating the knowledge related to various disciplines for addressing the needs of the society, thereby equipping the students to face social realities. An extension cell can be formulated and students can be trained as extension agents for bringing about desirable changes in the community.

The college has high potential for multi-disciplinary research activities as there are 23 teaching departments functioning in the college. The introduction of New Generation/ Vocational courses, as already envisaged, will offer high potential for upgrading academic research to applied research. Life-long learning centres can be established in all departments to cater to the requirements of stakeholders by designing appropriate programmes incorporating latest developments and emerging trends in the respective disciplines.

### **THREATS:**

Undue emphasis given by the society to professions like medicine and engineering has adversely affected the quality of input in Arts & Science streams. The situation is further worsened by engineering graduates opting for non-engineering jobs in the Government and Private sectors, which in turn affects the employment opportunities of students of Arts and Science colleges. This indirectly affects their self-esteem and morale.

Online courses and establishment of foreign universities pose a great threat to the institution. Short-term job oriented courses offered by some specialised agencies are also a threat for the three year Degree programmes. As per the existing regulations of the University of Kerala, the real-time updation of the UG and PG curriculum is not possible, which poses a threat to attract the placement agencies to the college.

Being a Government institution, the college has to strictly adhere to the norms specified by the State Government. With the level of flexibility enjoyed by the autonomous/ research/ technological/ scientific institutions, they are reluctant to sign MOUs with this institutions, owing to the rigidity of the system. This system will be further worsened with the entry of foreign universities and corporate

institutions. Insufficient teaching faculty along with trained and skilled technical staff poses a great threat to the institution to excel. This in turn grossly affects the up gradation plans of the laboratories which are already overdue for modernisation.

The mental health of the students needs to be addressed as it would be the greatest hindrance in the development of any student. The changes in the social fabric (nuclear families), career concerns, parental pressures, peer pressure, stress related issues etc adversely affect the mental health of students which indirectly affects their performance levels. The teachers today are overburdened with administrative and clerical work and this has in turn deprived them of the quality time they had earlier, to maintain personal rapport with students. In the present curriculum, the effective utilization of cyberspace for academic advantages is in its infant stage. A lot of maturity is required on the part of the user to safeguard themselves from the temptations and exploitations of cyberspace. Though students get access to cyberspace through sophisticated electronic gadgets, an effective mechanism of academic interventions for ensuring creative usage of cyberspace is lacking in the institution.



**Report of the training programme ‘Quality in Education’ organized by the IQAC on 22.01.2011**

**Venue :** Physics Gallery, University College, Trivandrum Time : 10.00 a.m. to 12.30 p.m.

**Resource person :** Prof. G. Sashikumar Project Advisor, Entrepreneurship Development Cell University of Kerala

**Report**

A total of 60 faculty members with less than 10 years of experience attended the lecture session. Dr. Francis Sunny, Convenor, Research Committee welcomed the gathering and outlined the importance of the lecture session. Prof. Madhusoodhanan Pillai, Head, Dept. of Physics chaired the function and Dr. K.P. Jaikiran, Co ordinator, Internal Quality Assurance Cell, University College introduced the Prof. G. Sashikumar, the resource person. Prof. Sashikumar gave a power point lecture on the importance of Total Quality Management in Education. He gave a brief overview of Quality in Teaching-learning with the help of live examples and anecdotes. The challenges that are being faced by Colleges and Universities in the areas of Teaching, learning and student support outlined by him evoked wide responses from the audience. The essence of his talk was that there Total Quality Management is the only way through which we can achieve all round academic progress to face the challenges of the future. The simple ways of improving teaching quality through the ‘mix and match’ technique was appreciated by all. There was a brief interactive session at the end of the lecture session during which the faculty members raised some doubts about Quality concepts. Shri. Suresh, Asst. Professor in Psychology proposed vote of thanks for the programme.



Welcome –Dr. Francis Sunny

Presidential address Prof. Madhusoodhanan Pillai



Introduction of Resource person Resource Person Dr. K P Jaikiran and Talk by Dr. G. Sasikumar



**List of CSIR/UGC/NET/JRF qualified students**

Sl.No	Name of the student	Rank Position	Department
1	VINNY PONNATH	UGC NET	POLITICAL SCIENCE
2	LAKSHMI S NAIR	“	HISTORY
3	LALINI	“	HISTORY
4	CHITRA S	UGC JRF	TAMIL
5	VIDHYA N	“	TAMIL
6	ATHIRA M NAIR	UGC NET	ZOOLOGY
7	DILEEP	“	ISLAMIC HISTORY
8	DIVYA	UGC JRF	MALAYALAM
9	DHANYAMOL V	“	MALAYALAM

**List of students who secured Rank in the Kerala University Examination**

Sl.No	Name of the student	Rank	Department
1	KRISHNA PRIYA S	1 <sup>ST</sup> (MSc.)	GEOLOGY
2	RAMYASREE R S	1(MSc.)	GEOGRAPHY
3	RAMYA K P	2	“
4	BRILLA BALSAM	3	“
5	NAYANA VASUDEV	1 (BSc.)	“
6	DIVYA P NAIR	2	“
7	SREELEKSHMI U S	3	“
8	GOWRI KRISHNAN L	1(MSc)	STATISTICS
9	MONISHA LS	2	“
10	SOUMYA S	3	“
11	NISHANTH M	1 (MA)	ARABIC
12	VIDHY V SHANKAR	1 (MSc)	PHYSICS
13	ASITHA	2	“
14	VINNY PONNATH	1 (MA)	POLITICAL SCIENCE
15	HEMANTH V L	1 (BA)	“
16	LAKSHMI S NAIR	2 (MA)	HISTORY

17	SOUMYA	1 (MA)	ISLAMIC HISTORY
18	SHAFEEK	2	“
19	AJEESHA	1(BA)	“
20	ARCHANA	1 (MA)	SANSKRIT
21	LEKSHMY	1 (MA)	ECONOMICS
22	IDA JOY	1 (MA)	TAMIL
23	NITHIYA	2	“
24	SWAPNA	3	“

### List of Seminars, Workshops and Conferences

Sl. No.	Title of the Seminar	Funding Agency	Department
1	WORKSHOP ON NEUROLIGUISTIC PROGRAMMING	DCE, GOVT OF KERALA	PSYCHOLOGY
2	WORKSHOP ON SUICIDE PREVENTION	DCE, GOVT OF KERALA	PSYCHOLOGY
3	Dr. NS WARRIER INTERCOLLEGIATE QUIZ COMPETITION	ALUMINI	CHEMISTRY
4	IYC CELEBRATIONS , 3 DAY EXHIBITION	DST	CHEMISTRY
5	INTERNATIONAL ARABIC DAY CONFERENCE		ARABIC
6	INTERACTION OF THE AMBASSADOR OF THE KINGDOM OF SAUDI ARABIA TO INDIA		ARABIC
7	POST MODERN TRENDS IN PHILOSOPHY	DCE, GOVT OF KERALA	PHILOSOPHY