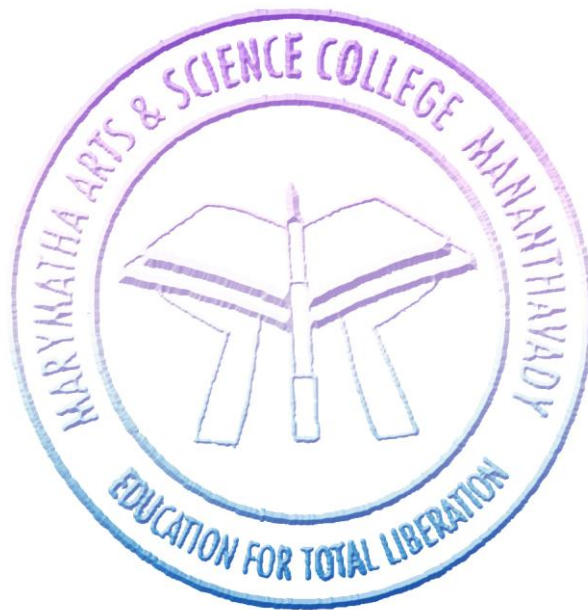


**MARY MATHA ARTS AND  
SCIENCE COLLEGE  
MANANTHAVADY**



**THE ANNUAL QUALITY ASSURANCE  
REPORT (AQAR) OF THE IQAC  
2009-2010**

## **INTRODUCTION**

Situated on a beautiful hilltop amidst the panoramic greenery of the Western Ghats, Mary Matha Arts & Science College was started in the year 1995 and got affiliated to the University of Calicut. Subsequently when the Kannur University was founded, the affiliation was shifted to the new University. The College, managed by the Catholic Diocese of Mananthavady, is included under Section 2(F) and 12 (B) of the UGC Act and is awarded Grade B++ (83.5%) by the National Assessment and Accreditation Council in the year 2006. Now that it is going to be the fourth academic year after accreditation the planning and implementation of programmes are charted out in such a way that the college goes for NAAC re-accreditation next year.

### **The Motto**

Education for Total Liberation

### **The Vision**

Holistic Development of our Students with sound intellectual, physical, psychological, emotional and spiritual maturity that will pave the way for a truly democratic, secular and equitable society.

### **The Mission**

To make knowledge available to the students through Quality Education irrespective of their religion, caste, or sex, but keeping in view the educational needs of the Christian Community as well, thus to be an agent contributing to the socio-economic and cultural transformation of Wayanad.

### **The Board of Governors (Reconstituted for the year 2009-'10)**

1. His Excellency Rt Revd Dr Jose Porunnedom ( The Patron & the Bishop of Mananthavady)
2. Revd Fr Robin Vadakkancheril (The Manager & President to the Board)
3. Dr Raju George (The Principal & Secretary to the Board)
4. Revd Msgr George Moolayil, The Vicar General
5. Revd Fr Dr Garvasis Mattom (The Procurator of the Diocese of Mananthavady)
6. Revd Fr Biju Mavara (The Bursar)
7. Adv. Fr Dr Thomas Joseph Therakom (The PRO to the Diocese of Mananthavady)

8. The Deputy Director of Collegiate Education, North Zone(The Government Nominee)
9. Dr B. Ananda Bhanu (The Nominee of the Kannur University)
- 10.Revd Fr Sibichan Chelakkappally (The Local Parish Priest)
- 11.Mr George Thomas (The Coordinator, IQAC- Internal Quality Assurance Cell)
- 12.Dr Maria Martin Joseph(The Coordinator, Infrastructure Development)
- 13.Mr Jose Cherian(The Office Superintendent)
- 14.The College Union Chairman.
- 15.The College Union Vice Chairperson.
- 16.Vice President of the Parent Teacher Association.

### **The Teaching Team (Permanent)**

1. Dr Raju George : (The Principal and Approved Research Guide in the Univ. of Kerala, Mahatma Gandhi Univ. Kottayam, and the IGNOU, Delhi): M A, Ph D, (English), Executive MBA, PGDHE (Higher Education), PGDDE&MA (Management of Distance Education), PGJMCP (Journalism, Mass Communications & Public Relations).
2. Mr Savio James V: (Associate Prof. of English and the Head, Dept of Functional English) MA,PGCTE, M Phil (English), Submitted the Ph D Thesis.
3. Dr Sr K A Germina: (Associate Prof. of English, the Head, P.G. & Research Dept of Mathematics and Research Guide in the Kannur Univ., Mahatma Gandhi Univ and the Anna Uni. Tamil Nadu), M Sc, B Ed, PGDCA, M Phil, Ph D ( Mathematics).
4. Ms Mercy Ignatius: (Associate Prof. of Zoology on FIP to Complete PhD), M Sc , B Ed, M Phil (Zoology).
5. Dr Rajeev Thomas: (Associate Prof. & the Head, Dept of Chemistry), M Sc, M Phil, Ph D (Chemistry).
6. Dr Joseph K J: (Associate Prof. of Malayalam & Research Guide in the Kannur University), M A Ph D (Malayalam) and MA (Linguistics).

7. Dr Maria Martin Joseph: (Associate Prof. and the Director of Physical Education), M P E, Ph D (Physical Education).
8. Dr Rakesh Kalia: (Associate Prof. of Hindi) M A, Ph D (Hindi).
9. Dr. P K Prasad: (Associate Prof. in Charge of Biological Techniques, and Research Guide in Zoology in the Kannur Univ., now on Deputation as Course Director of the Kannur Univ. Dept of Zoology.) M Sc, Ph D (Zoology).
10. Ms Geetha Antony Pullen: (Asst Prof. of Statistics, Pursuing PhD), M Sc PGDCA (Statistics)
11. Ms Mary Nirmala Borgia: (Asst Prof. & Head, Dept of Zoology), M Sc, M Phil.
12. Mr Biju Joseph: (Asst Prof. of English) M A (English).
13. Dr Sudha Devi A R: (Associate Prof. Zoology and Research Guide in Zoology) M Sc, M Phil, Ph D (Zoology).
14. Mr George Thomas: (Asst Prof. of English and Pursuing PhD) M A, B Ed (English).
15. Mr P P Shaju: (Asst Prof. of Journalism on Deputation as Course Director, Kannur University Dept of Journalism and Mass Communication), M C J (Journalism) Submitted Ph D Thesis.
16. Fr N T Francis: (Asst Prof. of English) M A, BEd ( English), about to submit Ph D Thesis.
17. Ms Pamy Sebastian: (Asst Prof. of Mathematics) M Sc, M Phil (Mathematics), Pursuing Ph D in the Cochin University.
18. Ms Jisha T E: (Asst Prof. of Computer Science) M Sc, M Phil (Computer Science).
19. Mr Thomas Monoth: (Asst Prof. of Computer Science on FIP to Complete PhD) M Sc, M Phil (Computer Science).

## **INTERNAL QUALITY ASSURANCE CELL (IQAC)**

In pursuance of the directives of the NAAC the college has constituted an Internal Quality Assurance Cell (IQAC) immediately after the accreditation as 'the first step towards the internalization and institutionalization of quality enhancement'. The IQAC of the College for the academic year 2009-10 consisted of the following members:

1. Dr. Raju George, Principal (Chairman)
2. Shri. George Thomas (Coordinator)
3. Fr. Robin Vadakkancheril, Manager of the College
4. Dr. M.P. Sebastian, NIT Calicut (Senior Administrative Officer)
5. Fr.Dr. Mani Aattel, Principal, Nirmalagiri College (Senior Administrative Officer)
6. Heads of all the Departments
7. Shri. John V.P. (Member of the local committee)
8. Shri. Varghese K.J. (Member of the local committee)
9. Shri. Maria Martin Joseph, (Co-ordinator, Infrastructure Development)
10. Shri. Jose Cheriyan (Superintendent of the College)

## **THE ANNUAL QUALITY ASSURANCE REPORT (AQAR) OF THE IQAC**

Name of the Institution	:	<b>Mary Matha Arts and Science College Mananthavady, Vemom P.O. Wayanad Dt. Kerala</b>
Website	:	<b>www.marymathacollege.org</b>
Email	:	<b>mmcmntdy@gmail.com rajugeorgedr@yahoo.co.in</b>
Phone	:	<b>04935241087</b>
Fax	:	<b>04935241087</b>
Year of Report	:	<b>2009-2010</b>
Affiliated to	:	<b>Kannur University</b>

## **PART - A**

### **The Plan of Action chalked out by the IQAC in the beginning of the year towards Quality enhancement and the outcome by the end of the year**

#### **1. Implementation of the grading and semester systems**

At the academic level, the prime importance was given to the effective change over from yearly system to semester system. A co-ordinator, Sri. Savio James, was appointed to see to it that all the academic programmes were rescheduled to suit the semester system. We already have had preparations in this regard by conducting seminars and workshops.

#### **2. Seminars and Workshops for staff and students**

It was decided to conduct seminars and workshops at college level and department level. As a part of the departmental activities, each department has decided to organize seminars in the college, ensure maximum participation of students and teachers in the curriculum based seminars organized by other institutions.

#### **3. Seminars and Workshops for School Teachers**

As a part of making the resources of the college available to other educational institutions in the vicinity, the college plans to organize workshops and faculty improvement programmes for school teachers, in their respective disciplines. It is the policy of the college to make its resources available to other educational institutions.

#### **4. Academic training and leadership programmes for school children**

As it has been the practice, this year also, the college plans to arrange different programmes for pupils of the neighbouring schools especially with a view to orienting them for Higher Education.

#### **5. Mentoring System, College Election and PTA**

Mentoring system has been effectively functioning in the college. We have effectively clubbed mentoring system with the college election process. The college has ensured a peaceful college election through the implementation of parliamentary mode of election, in pursuance of the recommendation of the Lingdoh commission report. Accordingly, each

class is to elect two representatives (one male and one female to ensure gender equality) under the supervision of the Mentor concerned and these representatives elect the office bearers of the college union, and remain to be the executive body of the college union. The class PTA also elects one representative for the class and such elected members shall constitute the executive body of PTA. Thus the college visualizes effective functioning at all levels with Principal at the top, then Department Heads, Mentors for each class, Parent Representative and Class representatives forming a system of responsibility and accountability.

## **6. Research Orientation**

The college proposes to take initiatives to raise all Departments to research centres. This includes applying for research centres, the PhD holders applying for guideship, the part time research scholars applying for FIP for completing their PhD in a time-bound manner and the research guides guiding maximum number of scholars.

## **7. Career Guidance and Placement Cell**

The Career Guidance and Placement Cell, with UGC assistance plans to conduct year long coaching programme for students for entry into services. Various programmes including Campus interviews and interfaces under the name Placement Drive is entrusted to the Cell.

## **8. Assessment and Evaluation**

As the semester and grading system is implemented to the first year students this year, it was decided to hold mid-semester exams at college level and test papers for continuous assessment at department level. Apart from class tests and assignments given to the students as part of continuous evaluation, this year also it is decided to conduct mid year examinations for senior students. Various classes and coaching programmes are planned for both students and teachers regarding the mode of examination.

## **9. Course in Communicative English**

As our students lag behind in communicative competency in English we started a Certificate Course in Communicative English with practical sessions in the language lab two years back. As two batches of students have successfully completed this course, and as it is found to be equipping the students with better communication skills, the Department of English continues to offer this course open for all students.

## **10. Counselling for the students**

Though a counselling cell has been functioning in the college the need for a more effective and professional approach was felt by the college and a full-time counsellor was appointed for the students, with the financial support of the Management. This year also we propose to appoint a full time counsellor for the student community.

## **11. Infrastructure**

The college applied for UGC assistance for constructing Women's Hostel and class room building and got it sanctioned. The Management is keen on developing the infrastructure facilities step by step availing all possible resources from various agencies. The paper works are over and the construction work is to be started immediately.

## **12. Library**

The college library, at present is having around 10000 volumes and 45 journals. The college plans to add at least 2000 more books and a few more journals to the library.

## **13. ICT enabled teaching and learning**

The faculty as well as students has been using audio-visual lab for classes and seminar presentation. All the departments plan to make it a regular practice.

## **14. Enhancement of Computer facility**

This year the College plans to update a Local Area Network (LAN) connecting all Departments, the Administration office, the Principal's office and the Library. Free of cost internet facilities to be enhanced by increasing the number of systems.

## **15. Computerization of Language Lab**

The Language lab set up as a part of functional English Course in the college was first of its kind among the colleges in the Kannur University. The college computerized 10 cabins last year. The computerization of the lab is to be continued.

## **16. Remedial Teaching**

As the remedial teaching found to be effective, it is decided to continue with it giving special attention to slow learners and students belonging to SC/ST sections.



## **17. Subscription to English Newspapers**

As subscription to English newspapers is found to be one of the healthy practices in imparting general knowledge as well as the language skills, the college plans to supply at least 4 copies of English Newspaper to each class. Further, large number of individual subscription is also to be promoted.

## **18. Financial/material support to the deserving students**

The college plans to procure maximum amount of money from governmental and nongovernmental agencies so that financially backward students can be assisted. This has been one of the healthy practices of the college from the beginning.

## **19. U.G.C. assistance**

The college has made it a policy to avail all the funds the college is eligible for so that maximum facilities for higher education may be provided in this rural/backward area.

## **20. The college canteen**

The canteen facilities have been made student friendly and the college proposes to continue the same.

# **PART – B**

## ***1. ACTIVITIES REFLECTING THE GOALS AND OBJECTIVES OF THE INSTITUTION:***

Our academic, research and extension activities are oriented towards making knowledge available to the students through Quality Education irrespective of their religion, caste, or sex, but keeping in view the educational needs of the Christian Community as well, thus to be an agent contributing to the socio-economic and cultural transformation of Wayanad.

### **i. Academic Activities**

#### ***A. College Level Activities***

**1. College Anthem:** We at Mary Matha start the day with the College Anthem to honour the College, our *alma mater* and end with the National Anthem to honour the country, which offers us tremendous individual freedom.

**2. Academic Orientation for the Faculty:** The College reopened after the Mid-Summer Vacation on 1 June 2009. Two Days' Orientation and planning is done at the beginning of every Academic Year. This year Dr George Sebastian, a Jesuit Priest with a PhD in Communications from the Marquett Univ USA led the orientation on *Challenges of Education in a Media Age*.

**3. Induction of New Faculty, Evaluation and Planning:** Induction of New Faculty, Evaluation and Planning are clubbed with the orientation programme. The Teaching and Administrative Staff met in separate sessions and evaluated the previous academic year, chalked down plans for the year ahead and set up Statutory and Non-statutory Committees along with Coordinators for the various Committees, Clubs and Associations.

**4. The Internal Quality Assurance Cell:** Sri George Thomas coordinates the IQAC of the College to keep the institution vibrant. The maintenance of documents and the preparation of the annual report to be sent to the National Assessment and Accreditation Council (NAAC) help us to be better prepared for the Re-accreditation process to start in the next Academic Year. The Cell has also set up a Seminar Hall with Audio-visual facilities in support of the day to day teaching –learning process. Additional Internet facility is provided in the IQAC Office for Students' own use.

**5. Anti-ragging Squad** was formed with Dr Maria Martin Joseph as Coordinator. The squad did a commendable work in preventing the menace on the campus and conscientized the student community on developing healthy relationships.

**6. Ethics Committee:** As per the directives of the Govt of Kerala an Ethics Committee has been formed with the Principal as Chairman, the PTA President as Vice Chairman, The Staff Secretary as Convenor and the College Union Chairman as the Joint Convenor

**7. Evaluation of University Results:** The 2006-'09 batch completed their degree courses with commendable performance in the final examinations. Ms Shiji Paul and Mr Jinesh M. K. won the Third Rank in the Kannur University BSc Maths and Computer Science Exams respectively.

Percentage of Pass for each Course of Study 2006-'09 Batch:

1. B.A.Functional English : **90 %**
2. B.Sc.Mathematics : **85%**
3. B.Sc.Zoology : **82%**
4. B.Sc.Computer Science : **78%**
5. B.Com : **52%**
6. BSc Chemistry : **80%**
7. MSc Maths : **100%**

A staff meeting for the evaluation of the result was conducted and each Department presented their plans to improve the result. The meeting unanimously decided to chalk out plans for improving the result of B.Com.

**8. Freshers:** The newly admitted students entered the campus on 08 July. The Principal briefed the students and parents on the customs and traditions of the college and briefed them on the arrangements in providing ragging-free atmosphere on the campus. In order to induct the first years into the academic community we have the practice of providing orientation to the new admissions right in the beginning of the Academic Year. This has been going on for the last four years. This year it was held on 9 & 10 July.

**9. The Academic Excellence Day and the Inauguration of the New Academic Year:** The Patron, Rt Rev. Dr Jose Porunnedom inaugurated the New Academic Year and felicitated the Academic Community on the *Academic Excellence Day*, 10 August.

**10. The College Union:** Election to the College Union was held peacefully in the Parliamentary Mode on 14 August. We have the unique system of forming the College Union from the Class Representatives, two each- one male and one female student to keep gender equality- from every Class. Political Activities are shown the door to maintain a peaceful campus atmosphere. Sri Shaju P.P. has been coordinating the Activities of the College Union as Staff Advisor.

Sl. No.	Name of the Post	Name of the Candidate Elected	Roll No.	Class & Subject	No. of Votes Secured
1.	The Chairman	Mathews T. Joseph	321	II DC Zoology	22/ 39
2.	The Vice Chairman	Dhanya K.G.	207	II DC Maths	21/ 39
3.	The Secretary	Sooraj K.S.	525	III DC Commerce	21/ 39
4.	The Joint Secretary	Shibila Rafeek	228	III DC Maths	22/ 39
5.	The Councillor to the University Union	Shijo C.J.	611	III DC Chemistry	21/ 39
6.	The Fine Arts Secretary	Jabir P.M.	417	II DC Comp.Science	23/ 39
7.	The Chief Student Editor	Sravan Krishna	217	II DC Maths	22/ 39
8.	The General Captain	Jithin Jose	536	II DC Commerce	21/ 39
9.	I DC Representative	Albin Jose	201	I DC Maths	8 / 12
10.	II DC Representative	Swetha T.S.	620	II DC Chemistry	7 / 12
11.	III DC Representative	Shija K.R.	423	III DC Comp. Science	9 / 12
12.	P.G. Representative	Muhammed Shabir	695	II MSC Maths	2 / 3

13.	Secretary, Eng. Assn	Aboobucker K.	103	II DC English	4 / 6
14.	Secretary, Maths Assn	Sushin P.S.	698	I M Sc Maths	5 / 9
15.	Secretary, Zoology Assn	Nidhin Joseph	311	I DC Zoology	6 / 6
16.	Secretary, Comp. Sc. Assn	Sebin Chinnu	421	II DC Comp. Sc.	3 / 6 (after toss)
17.	Secretary, Com. Assn	Jerin Joy	512	I DC Commerce	6 / 6
18.	Secretary, Chem. Assn	Justine Joy	608	I DC Chemistry	6 / 6

**11. The System of Mentors and Representatives of Students and Parents** for each class for the year was set up. We've been following the System of having Mentors and Student Representatives along with Parents' Representative for each class for three consecutive years.

**12. Work-done diary for the faculty and Diary for the Class representatives** were introduced, scrutinized, compared and evaluated to see that each hour is engaged fruitfully by students as well as the faculty. Based on the Absentees-Slips, the number of classes engaged by each Faculty is exhibited on the Staff Notice Board the next morning to appreciate the work done by the Faculty.

**13. Separate Registers** are kept in the Principal's Office for recording the Achievements of both the Students and Teachers on a daily basis. The Principal also maintains Register for entering events of the day, and a Visitor's Diary.

**14. The Practice of Reading Newspapers:** The Healthy Practice of subscribing *The Hindu*, *The New Indian Express* and *the Business Line* was taken up on a massive as it is found to be effective in imparting general knowledge and developing language skills. The subscription of

*The Hindu* and *The New Indian Express* crossed hundred during the first half of the year. The Mentors have organized *Newspaper Presentation* in the class rooms. The Practice has been going on for three consecutive years. In addition to this, the Central Library provides almost all the vernacular newspapers, periodicals, journals, and reference materials to equip the students for any competitive examination ahead.

**15. Coaching for Students belonging to SC/ST and Minorities for Entry into Services:** The Coaching Cell to impart training to the students of SC/ST and Minorities with the support of the U.G.C. has been functioning in our college since June 2009. In pursuance with the major activities of the last year, we have taken a few steps forward to impart the coaching to the needy students from June after the reopening of the college for the current academic year..

**16. The Mid-Year Exams:** Ms Geetha Antony coordinated the Mid-Year Examinations of the Senior Students from 18 November. Heads of Depts and the Mentors have organized the Parents' Meet class-wise to inform the results of their wards. Parents' Meet is organized when the results of the Univ. Exams are published too.

**17. Sports Day:** The Annual Athletic Meet was inaugurated by the Sub Collector of Wayanad Sri. N. Prasanth on 14 January. The Meet was coordinated by the General Captain Jithin Jose and the Director of Physical Education Dr Maria Martin Joseph. Anish T.K. and Jini N.P. are the Men and Women Champions respectively.

**18. The Fine Arts Festival** was held on 19 & 20 January and Prizes to the winners were distributed at a special function in the Auditorium. There was large-scale participation from the students.

**19. Onam** was celebrated with traditional Pomp on the 27 & 28 August. The Commerce Dept celebrated Onam with the Murukkumthery Tribal Settlement and the Volunteers of the NSS did so with the Edappady Tribal Colony, Saturday 29 August.

**20. Christmas:** Adv. Fr Dr Thomas Joseph Therakom, the Station Director of Wayanad's own Community Radio, Mattoli delivered the Christmas Message.

**21. Employment Training Program of Tribal Women:** Two Sewing Machines were given in September 2009 to the Employment Training

Centre for Tribal Women run by the Adoration Sisters of Appapara as part of the Msgr Geroge Njaralakkat *Endowment for the Employment Training of Tribal Women*.

**22. The Endowment Day:** Dr Cyriac Thomas, former V.C. of the M. G. Univ. delivered the Endowment Lecture on the *Eroding Value Vision in Contemporary Society* in honour of the Founding Principal, Dr K. T. Varkey.

**23. Msgr Dr J. Kaniamattom Endowment Elocution Competition for the Best Young Speaker Award from among High and Higher Secondary School students across Wayanad** in honour of the founding Manager was held on 14 October in association with the *Radio Mattoli*, Wayanad's own Community Radio.

**24. The Annual Day** was celebrated on 17 February 2010. The involvement of the students is augmented by organizing the Variety Entertainments by the Students themselves, but closely monitored by the Faculty.

**25. The Canteen:** In order to make the Canteen user-friendly, the Canteen is monitored by a Committee headed by the Principal with the Heads of Departments, the Office Superintendent, the Students' Union Chairperson and Vice Chairperson as members. The hygiene in the Canteen is well appreciated by guests and visitors.

## ***B. Department Level Activities***

### **1. Department of Functional English**

**A Five Day Workshop on Proficiency Development in English for the School Teachers** was organized by the department from 20 to 25 April 2009 as a part of extending its resources to other educational institutions. Around 80 teachers belonging to the schools of corporate of Mananthavadi participated in the programme. Dr. Raju George, Sri Savio James and Sri George Thomas were the Resource Persons. Dr. Rakesh Kalia of the Department of Hindi coordinated the programme.

The Dept runs the UGC Sponsored *Certificate Course in Communicative English* for the First Years of all Departments to enhance the language competence of our students. Sri Savio James coordinates and Sri Jocymon

takes care of the routine work. Prof. K.N. Joseph, of Mar Baselius College of Teacher Education, S. Bathery led a Seminar for the Course-participants on 15 February and distributed Certificates to the first batch of 24 students, who successfully completed the Course.

**Sri Savio James** attended the **National Seminar on *Higher Education*** at the Christ University, Bangaluru.

On 5 & 6 February, the Dept took the initiative to send the following students as **Interpreters in the interaction between a group of French Journalists and the Local Farmers**. Geofry Paul, Rwithik Priyesh, and Shibin Sebastian were the interpreters.

Neethulakshmi and Drisya of the Dept of Functional English attended the ***Ezhuthupura, Workshop on Script Writing on the Nila Nadhi at Kuttippuram*** in December.

Five of our students (Anjana, Arunraj, Dhanya, Jinil, and Prajitha) are selected by the Deputy Collector for **Internship in Project Preparation** on 03 December.

**Sri Vinod Jose** of the Delhi Caravan Press and former student of the Dept paid a visit to the College and appreciated the encouragement he received from our teachers while on campus.

**Sr Sinju Daniel** of II Yr English won the II Prize in Essay Writing organized by the Gandhi Darsan Vedi.

The Department is yet to be given the University approval for the Research Centre.

## **2. The Post Graduate and Research Dept of Mathematics**

### ***Seminars Conducted:***

1. Regional Seminar on ***Probability Theory***, by Prof Dr A. M. Mathai on 12-14 June 2009.

2. Regional Seminar on ***Limits and Continuity*** by Mr. Eswaran Nambudiri T. C., Govt College Kasaragod and Mr. Shahul Hammed K., Govt Brannan College, Tellicherry on 24-10-2009.



***Other Achievements:***

University Third Rank for Shiji Paul in the BSc Exams, March 2009.

**3. The Research Dept of Zoology**

**Dr Sudha** Organized the UGC Sponsored **National Seminar on Techniques in Biology for Higher Secondary School Teachers of Wayanad** at Mary Matha Arts & Science College, Mananthavady, 20 - 21 August. The Honourable Vice Chancellor, Dr P.K. Michael Tharakan made the Keynote Address. The Pro-Vice Chancellor, Dr Kuttikrishnan spoke on the Valedictory.

The Dept conducted a Seminar on **Personality Development** for its students on 08 October. Dr Joselet Mathew of Nirmalagiri College was the Resource person.

**Ms Nirmala**, Head of the Dept. attended the Kannur University Workshop on the *Choice Based Credit & Semester System* tthe Govt College, Mananthavady.

**Dr Sudha Devi A R.**, Reader in Zoology attended the UGC Sponsored Short Term **Course for Research Guides on New Trends in Research** at the Academic Staff College, University of Kerala, Thiruvananthapuram, 23 – 28 March.

She also attended the **Training Program** on *Gene Isolation and Characterization* at CPBMB College of Horticulture, Univ. of Agricultural Sciences, Mannuth, 04 – 16 May.

She also attended the **National Conference on the Recent Trends in Animal Physiology at the Dept of Studies in Zoology, Univeristy of Mysore**, 29 – 30 Ocotber.

**Anish T.K.** of III Yr won the Young Achievers' Award 2009 in Wayanad.

Resly Francis (II Yr) won the III Prize in **Recitation ATthe WMO College, Muttil**, 08 December.

#### 4. Dept of Computer Science

Apart from offering BSc course the Department caters to the needs of almost all the Departments with its state of art Computer Lab having around hundred systems. The Head of the Dept., Sri Thomas Monoth has gone on FIP to complete his PhD, and Ms Jisha T.E. is on M.L.

The Final Year Students led by Aswathy K.M., Jaisy K.S., and Jebin Varghese have bagged the title in the Inter University IT Festival at Pius X College, Rajapuram. Sri Bibin Jose , the Head of the Dept was the Team Manager.

#### 5. Dept of Commerce

The Commerce Forum of the College was inaugurated on 29 September with a Seminar on *Changes in Indian Economy* by Sri K.P. Aziz, Former Head, Dept of Economics, Govt College, Mananthavady.

Sri Vijayarajan, Retd Dy. Commissioner and Trainer, provided guidelines on *Personality Development* .A debate on *Women Empowerment* was held on 13 November.

On 27 November, a *Quiz* Competition was held in the Dept. Sri Rijo Jose and Sri Jose Mathew of Geojit Financial Services led a Seminar on *Financial Market* on 3 December.

The Extension Wing of the Department runs the *Mytri Community Development Program* at the nearby Murukkumthery Tribal Colony, where students run regular tuition for school children. Onam and X'mas were celebrated involving the local community.

Geofry and Alvin of the Dept brought home prizes in the *All Kerala Inter Collegiate Quiz* Competition organized by the Commerce Dept of St. Joseph's College, Devagiri on 3 November.

The Commerce Forum held the Business Quiz for students of Higher Secondary Schools across Waynad (The Mastermind Quiz) on 16 January. The Faculty of the ICFAI Univ. Kannur held a Survey with the Outgoing Students on the Aptitude for Management Studies, 16 December.

Shinoob TM. With Anilitty S. of II Yr Zoology bagged the III Prize in the *Malabar Manager Contest* at Pazhassi Raja College, Pulpally, 12 December.

## 6. Department of Chemistry

Dr. Rajeev Thomas, Reader and Head of the Department attended a Three Days' State Level Resource Person's Training on *Restructuring of Undergraduate Education* @ the RTTC, Trivadrum, organized by the Kerala State Higher Education Council. He also attended a Work shop on Choice Based Credit & Semester System @ the Govt. College, Mananthavady.

Officiated as External Examiner in the ISC Practical Exam 2010 @ the St Patrick's School, Mananthavady, 17 Feb. 2010.

## ii. Research Activities

Our college has two *Research Centers in Mathematics and Zoology* and is awaiting the University approval for *Research Centre in English*. Our long term agenda is to raise each of the departments to the level of Research Centre as and when the Faculty gets approval for Research Guidance.

We have seven Ph Ds on our Permanent Faculty, and eleven are at various stages of active Research leading to Ph D. **Sri Maria Martin Joseph, the Director of Physical Education, and Fr George P.V., the Librarian, have been awarded Ph D during the current academic year. Mercy Ignatius and Mr Thomas Monoth** have proceeded on Faculty Development Program to complete their PhD in Zoology and Computer Science respectively. **Sri Savio James, Ms Geetha Antony, Mr Shaju P.P., Fr N.T. Francis, Sri Biju Joseph, and Sri Rakesh Kalia** are at the final phase of their Ph D. **Sri. George Thomas and Ms Pamy Sebastian** are at the initial stages of their research leading to Ph D.

**1. Dr. Raju George** Research Guide in English both at the Kerala and Mahatma Gandhi Universities

**2. Sr. Dr. Germina K. A.** Research Guide at:

1. Kannur University, Kannur: D-A3/6411/R-Guide/2001 dated 4<sup>th</sup> April 2002

2. M. G University, Kottayam: No. 2149/AC.A.VI/2008/Acad. Dated 20<sup>th</sup> May 08
3. Anna university, Coimbatore: AUC/CFR/SR-Orders/228/2009 dated 9<sup>th</sup> Sep.09

*Ph. D Thesis Supervised and Submitted in 2009 and awarded in 2010:*

1. Bindhu K. Thomas, Advanced Studies on Labeling of Graphs and Hyper Graphs and Related Topics.
2. Kumar Abhishek, New Directions in the Theory of Set-Valuations of Graphs.

*Ph. D Thesis Supervised and Submitted in 2010.*

1. Remesan Thirumangalath, Graph Connections with Probability and Statistics.

*Research Scholars under supervision in the Kannur University:*

1. Ms. Jisha Elizabeth Joy
2. Ms. Beena Koshy
3. Ms. Viji Paul (FIP)
4. Mr. Shahul Hammed K. (FIP)
5. Rency Kurian (Applied for FIP)
6. Ms. Reena Sebastian

*Research Scholars Applied for Registration:*

1. Ashraf K

*Research Scholars under Supervision in M. G. University:*

1. Mr. Jiss Jose
2. Ms. Diana Mary George

*Research Scholars under Supervision in Anna University, Coimbatore:*

1. Ms. Alphy Joseph
2. Ms. Sona Jose
- 3. Dr. Sudhadevi A.R.** research Guide in Zoology, Kannur University guides: 1. Latha N.P.( Full time) 2. Sajeesh K.M. (Full time) 3. Smija M.K. (Applied for registration)
- 4. Dr. Prasadani P.K.** research Guide in Zoology, Kannur University guides: 1. Arif K. (Full time) 2. Ms. Leena Kuruvila (on FIP) 3. Raveendran K.
- 5. Dr Joseph K. Job** research Guide in Malayalam, Kannur University guides: 1. Ushakumari M B (Part time) 2. Benny George (Part time) 3. Santhosh P (Applied for Registration) 4. Jasmine Thomas (Applied for Registration)

### iii. Extension Activities

The college engages various extension activities through its forums like NSS, NCC, Clubs and Associations.

#### 1. The National Cadet Corps (NCC)

One of the largest Forums on Campus, Affiliated to 1 (K) Arty.Bty. Tellicherry, under the Command of Col. K Unnikrishnan and the Company, the Mary Matha College NCC is under the command of Lt. Dr. Rajeev Thomas. The activities of the Year 2009-'10 began with the enrollment of 47 new cadets. The Enrollment Day Ceremony was organized on 30th July. Col. K Unnikrishnan, the Commanding Officer himself was the Chief Guest of the day.

The NCC Officer, Lt. Dr. Rajeev Thomas was appointed Camp Adjutant of 1 (K) Arty. Bty. NCC, Tellicherry at the Annual Training Camp, Mavoor, 8 June -28 June. He also led the Army Attachment Camp, 18 Field Regiment of 54 Artillery Brigade, Secndrsbad, October 2-22october.

*The following Cadets of Our Unit attended the Various Camps:*

1. Pre- RDC/TSC Camp, Mavoor, Calicut, June 5-15: 1. U/O Mithuna Jose 2. Cpl . Vandana A V 3. Cpl Sruthi T A 4. Sgt. Athul Vakkachan.

2. Annual Training Camp, Mavoor, 18 June -28 June:

1 U/O. Rinto Joseph 2 Sgt Lijo John 3 S /UO Thejus K S 4 CQMS Sibi Joseph 5 L/Cpl Shamseer PK 6 .Sgt . Mishel Thomas 7. Cpl .Remith Lal 8. Cpl . Vandana A V 09 CPl . Neethu Mohan 10 Sgt Swetha T S 11 Cpl . Jayasree P 12. Cpl Neethu Sebastain 13. U/O Mithuna Jose 14 Cpl. Sarannya K V15 Anudhara Jotsna 16 Sgt. Joicy Varkey 17 . Cdt. Rintu Robert.

3. Pre -TSC Camp, Mavoor, Calicut, July1 to 20 July: 1 U/O Mithuna Jose.

4 .Thal Sainik Camp, 2009, New Delhi, August 22 - Oct 2: U/O. Mithuna Jose was selected the Best Cadet..

5. Army Attachment Camp, Secendrabad, Andra Pradesh, October 2-22 October: 1 U/O. Rinto Joseph 2. Sgt. Athul Vakkachan 3 Sgt Lijo John 4 Sgt. Tineesh Thomas 5 Cdt. Shabith C H 6 Cdt. Harsh V 7 .Cdt. Anil Babu 8. Cdt. Binesh Baby 9. Cdt. Rijo Joseph 10 Cdt. Nithin Joseph 11 Cdt. Ajoy Mohan 12 Cdt. Mithun P 3 Cdt. Arun V S 14. Cdt. Shemil Thomas 15 Cdt. Joffin Sunny 16 Cdt . Jerrin Joy 17 Cdt. Justin Joy 18 . Cdt. Sacin Thakachan 19. Cdt. Linto Antony 20. Cdt. Shibin K V.

7. Special National Integration Camp, Jaisalmer, Rajasthan, 30 Oct - 13 Nov.: 1. Aboobucker C H.

8. National Integration Camp, Ajmeer, Rajasthan, 14 Dec – 30 Dec.: 1 S/ UO Thejus KS 2 CQMS Sibi Joseph 3 Cpl . Vandana AV 4 Sgt. Joicy Varkey.

9. National Integration Camp, Kollam, 17 Dec – 30 Dec.: 1. Cdt. Ranjith KV.

10. National Trekking Camp, Neyyattur, Thiruvananthapuram, 17 Dec – 30 Dec.: 1. Cpl Subeesh Gopi.

11. Annual Training Camp, Mattannur, 18 Dec-28 Dec.: 1 Sgt . Jinil Paul 2 Sgt . Ronie Mathew 3 Cpl. George Jacob 4 Cdt. Hari Prasad 5 .Cdt. Jerrin Thomas 6. Cpl .Aboo Salih 7. Cdt. Prince Paul 08 Cdtl . Nithin Varghese 09 Cdt. Robin M U 10 Cdt. Tharun Bose 11 Cdt Teenu Augustine 12. Cdt. Dilna K C 13 Cdt. Priyanka Thomas 14 Cdt.. Keerthana M V 15 Cdt Neenu Sebastain 16 Anet Babu 17 . Cdt. Soniya Samuel P.

Along with routine activities the NCC organizes both the Independence Day and Republic Day Programs on Campus as per Govt Directives and takes up various extension activities.

## **2. The National Service Scheme (NSS)**

Being the largest Forum on Campus, the NSS is coordinated by the Program Officers Sri Rakesh Kalia and Ms Pamy Sebastian and the Student Secretaries: Midhu Pradeep, Dhanya K.G., Jithin Jose, and Sunisha V.F.

### *Major Activities*

The World Environment Day was celebrated in a befitting manner by planting trees on the campus on 5 June 2009.

Senior Volunteers were felicitated on 19 June and certificates were presented by the Principal. Election of the new office bearers was conducted on the same day.

An *Orientation Program* was organized for the first year students on 10 July.

A Workshop on *Personality Development* was organized on 27 June 2009. Rev Fr. Thomas Kuttikkattukunnel, an eminent HR trainer led the program.

A Residential program on *Theatrical Skills* for the students was organized on 31 July 2009. Sri Lal Mohan, Senior Editor in the Malayala Manorama and his team of 4 theater artists led the program.

Independence Day was celebrated with many a colourful program for the children of St. Martin School, Ondayngandy.

*Onam* was celebrated with the tribal folk of the adopted Tribal Colony @ Edappady village on 9 Aug 2009. Our Volunteers prepared *payasam* with the help of the community and many spontaneous programs were conducted in a mutually benefiting manner.

The *NSS Day* was celebrated on 24 September 2009 in a solemn manner in the college. The volunteers took the pledge of serving the community. Placards and Slogans on Awareness were exhibited in various locations on the campus.

The NSS-Island on the campus known as *thuruth* was renovated and revamped. Dr. Raju George, Principal of our college and Sri P K Parakkadavu, renowned writer, planted trees in the *thuruth*.

Ajmal, Dhanya, Jithin, and Midhun Pradeep attended the Five Day Women Empowerment Program organized by the Calicut Univ. National Service Scheme at St Mary's College, Bathery, 25 – 29 September.

On the *Gandhi Jayanthi*, 25 NSS Volunteers participated in a *cleaning-drive* on the premises of the Mananthavady Munsiff/ Magistrate Court. The staff and Advocates of the Court also joined the volunteers. The Programme was inaugurated by the Hon'ble Munsiff/Magistrate of the Mananthavady Court. 15 other volunteers participated in a *Gandhi anusmarana* program held in the Gandhi Park. The remaining volunteers cleaned the campus and participated in the various cultural programs.

The National Education Day, the B'day of Sri Maulana Abdul Kalam Azad was celebrated on 11 November.

Our volunteers visited and spent time with the elders of the *Karuna Bhavan*, OldAge Home in Kartikkulam on 27 November.

The Special Camping Program of the Year was held in the Kannur University Teacher Education Centre in the Edavaka Panchayat from 18 – 24 December 2009. The camp turned out to be a memorable one with varied experiences that helped the campers to grow up as better human beings. The Campers built up a close relationship among themselves and with the local community. They returned home pledging to serve Society without looking for any personal benefit.

#### *Participation of Volunteers in Various Programs*

1. Midhun Pradeep, Abhilash M V, Dhanya KG, & Anjana K C attended a Workshop on *Monsoon Epidemics* held in the Pariyaram Medical College on 25 June 2009.
2. Tomlin Johnson, Ashkar Ali, Josmi, & Prajitha attended the *Pre-republic Day Camp* organized by the NSS @ the Kannur University Campus Mangattuparama on 15 September 2009.
3. Sunisha V.F, Jeena George, Arun Raj, & Renjith officiated as Judges in the *Vasantholsavam* at the St Martins L P School Ondeyangadi on 23 Sept 09.
4. Dhanya K G, Midhun Pradeep, Jithin Jose, & Ajmal M. attended a Five Day Workshop in St Mary's College Sultan Battery on *Women Empowerment* organized by Calicut University from September 25 to 29.
5. Abdul Salam Chakkara, & Abhilash Baby participated and won prizes in *elocution and essay writing* competitions conducted by Excise Department, Kerala Government held at Muttill.
6. Rithwik Priyesh participated in the *Elocution Competition* conducted in Sir Syed College, Thaliparamba on 14 October.



7. Arun Raj, & Geethu Rose Jose participated in a Five Day *Leadership Camp* in the University campus, Palayad. Arun Raj received the Best Camper award.

8. Arun Raj & Sravan Krishna attended an interview in the Office of the DSS Kannur University for the Selection of Volunteers for *Inter State Youth Exchange Program* by the Ministry of Youth Affairs. Sravan Krishna was selected to represent the Kannur Univ. in the National Youth Meet held @ Ujjain from 05 – 15 January.

9. Midhun Pradeep, Jinil Paul, Arun Raj, Arjun Mathewand Sravan Krishna have attended in the All Kerala Seminar for College Students organized by the Xavier Board @ St Joseph's College, Irinjalakkuda, 26 November.

### **3. The Red Ribbon Club**

The Forum of Blood Donors regularly offers its services to the District Hospital as and when the need arises. The NSS Program Officers and Volunteers coordinated the activities the Red Ribbon Club.

The Red Ribbon Club in association with the College Union organized a Seminar on 1 December on *Health Hazards*, Dr Nita Vijayan, Dy DMO, Wayanad spoke.

### **4. The Women's Cell**

The Women's Cell organizes various programs for the girl-students of the college. *Craft and Tailoring* classes are going on in a regular basis. Women-specific Magazines and Newspapers are available in the Women's Cell to enhance the reading habits and language skills of the students. The Cell also functions as a health-center when needed. Different classes on *health and hygiene* are being organized by the Cell in collaboration with the National Service Scheme. There are facilities for girls to put up their complaints to the Women Anti-harassment Cell, and a Committee which includes representatives of Students, the PTA, the Panchayat and Women Activists of the Locality would recommend necessary action. Complaints are rectified in a regular basis, but in a confidential manner. Ms Pamy Sebastian coordinated the activities of the Cell.

### **5. The Counselling Cell**

Sr Ancy, the Counsellor on campus has offered her services to around 60 of our students. This offer stands to all the students on the campus and

what goes on between the counsellor and the counselee is known only to them both. Students who find it difficult to handle issues and problems of everyday life may continue to exploit the services of the Counselling Cell.

## **6. The Science and Nature Club**

On 04 July, seven of our students (Anoop, Jithin, Jomon, Mathew, Dhaneesh, Sirajudheen and Lijo) in association with the Dept of Forests planted saplings in the Forest Fire-prone Areas of Tholpetty Range.

Five of our students (Lijo, Jomon, Anoop, Jithin, and Mathews) attended the Rain Camp and the Trekking Expedition organized by the Pazhassi Grnadhalya on 25 and 26 July.

The Members of the Club attended the Seminar on *Evolution in the 21<sup>st</sup> Century* organized by the State Library Council.

Environmentalist and the Rashtrapati Award Winner, Sri Vinayan led the Class on *Birds and Nature*, on the Formal inauguration of the Club, 15 August.

18 – 20 September, the members of the Club participated in the *Butterfly Survey*, adopting a new scientific methodology, and organized by the Kerala Forest Wild Life Dept., the Wayanad Wild Life Sanctuary and the North Wayanad Forest Division in association with the Hume Centre for Ecology and Wild Life Biology.

On 27 September a Wet Land Survey sponsored by the Kerala State Biodiversity Board was held @ Panamaram. The Survey was organized to prepare a Biodiversity Register of the Area. Noted Environmentalists and Scientists from the MS Swaminadhan Research Foundation took part in the Survey.

On 6 February our Members participated in another Wet Land Survey was conducted @ Panamaram and Vemom under the auspices of the Keral Forest Department.

Dr Sudha coordinated the activities of the club with the assistance of the Student Secretaries: Jithin M.C. and Ullas.

## 7. Website Up-gradation

Sri Biju K. Joseph and Sri Bibin Jose is working at a total revamping of the Website of the College, which is expected to be over by the beginning of the next academic year.

**8. The Theatre Club** has given training in Drama Acting to a group of students in preparation for the University Arts Festival.

**9. Debate & Quiz Club** also held a few sessions during the year.

## 10. The World Malayalee Council

To enhance the Global Competence of our students, a Unit of the World Malayalee Council was formed on Campus with the following members: Prajitha (Ii yr English), Resly (II Yr Zoology), & Rithwick (I Yr Chemistry), and Ms Pamy Sebastian as Coordinator. A number of our students attended the various Training Programs from Kannur to Thiruvananthapuram.

Resly Francis, Prajitha C.P. and Anurag R. attended the Follow Up Camp of the ALTIUS on Global Competence @ the YMCA Hall, Aluva, organized by the World Malayalee Council on 29 August.

Resly Francis and Pajitha C.P. attended the *Follow-up Leadership Training* at Sreepuram Pastoral Centre, Kannur organized by the World Malayalee Council, 20-22 November.

Ten of our students attended the *Mega Youth Meet* at the Lulu International Centre, Thrissur organized by the World Malayalee Council to *Enhance Global Competence*, 28-30 December.

## 2. NEW ACADEMIC PROGRAMMES INITIATED:

There is an overhauling of all academic programmes existing in the college in connection with the introduction of Choice Based Credit and Semester system. Thus the general/language courses are redefined as Common Courses, main courses as Core Courses and subsidiaries as Complementary Courses – all with substantial changes in the syllabi.

Proposals for the sanction of new post graduate courses in Computer Science, English, and Commerce are submitted to Kannur University. Proposal also submitted to the University for the elevation of Department of English as a Research Centre.

### **3. INNOVATIONS IN CURRICULAR DESIGN AND TRANSACTION:**

The Kerala State Higher Education Council has recommended the restructuring of the existing Under Graduate System by introducing Semester System, choice based course-credit system, continuous assessment and grading. Accordingly, Kannur University has implemented the new system this academic year onwards. As a preparation for the restructuring and designing of the curriculum all the Board of Studies in the University conducted five to ten day workshops in different phases. All the regular teachers of the college participated in the workshops conducted by the Board of Studies concerned and have made significant contributions. Some of our Department was given independent charge of designing curriculum and their work was commended by the Board of Studies.

It was for the first time the University has taken the radical step of taking opinions, suggestions and recommendations of all the teachers in curriculum designing and our teachers have done commendable work in designing the new curriculum of the University.

At the college level also we had the opportunity of designing curriculum especially for communicative English course, Coaching for entry into services and for remedial coaching.

### **4. INTER-DISCIPLINARY PROGRAMS STARTED:**

Even though no formal inter-disciplinary programme has been initiated the restructured syllabi offer much scope for inter disciplinary programs. For example, one of the Core Courses for all the disciplines is *Informatics* for which we take the help of Computer Science Department.

Moreover the choice-based system proposes to offer courses in disciplines other than the one taken up by the student, depending on the aptitude and interest of the students. For example, a student doing Mathematics may have the opportunity to do a course in Journalism if s/he would like.

### **5. EXAMINATION REFORMS IMPLIMENTED:**

The change over from marking system to grading system is the most notable change occurred in the mode of evaluation consequent to the the introduction of Choice Based Credit and Semester system. Special seminar is organized to equip the teachers for setting question papers and evaluating answers under the grading system. It was also decided to conduct mid-semester examinations at the college level to supplement continuous evaluation through class test, assignments, seminars and oral test.

6. **NUMBER OF CANDIDATES QUALIFIED NET/SLET:** Nil

7. **INITIATIVE TOWARDS FACULTY DEVELOPMENT PROGRAMME:**

The Orientation for the faculty at the beginning of every academic year by eminent educationists is a unique programme that the college arranges. This year Dr George Sebastian, a Jesuit Priest with a PhD in Communications from the Marquett Univ USA led the orientation on *Challenges of Education in a Media Age*.

Further the college promotes group-wise and individual participation in seminars and workshops in the college and other institutions. Following are the programmes attended by the faculty.

**1. Dr Raju George:** Attended the 3<sup>rd</sup> *Principals' Workshop* at JNU organized by the UGC Academic Staff College from 26 - 30 October 2009.

Inaugurated the Workshop on *Choice Based Credit & Semester System*, sponsored by the Kannur University at the Govt College, Mananthavady, 25 September 2009.

Convened the National Seminar on *Techniques in Biology* sponsored by the UGC on 20 & 21 2009.

*Faculty Orientation* at Newman's College, Mananthavady 10 June 2009.

Freshers' Orientation at Marian College, Kuttikanam.

Organized a Seminar cum Workshop for the Faculty on *Education in a Media Age: Challenges and Opportunities for Teachers* on 2 & 3 June 2009.

**2. Sr. Dr. Germina K. A.**

1. International Workshop On Graph Labeling-2009, January 07-10, 2009, Kalaisalingam University, Krishnankoil, Tamilnadu.
2. National Seminar on Discrete Mathematics and its Applications, March 19-21, 2009, PG Department of Mathematics, Govt. Brennen College, Thalassery, Kerala.

3. Fifth Annual Instructional Conference of ADMA & Graph Theory Day V (ACADMA-2009), June 8-10, 2009, Periyar University, Salem, Tamilnadu.
4. National Seminar on Topology and its Application to Computer Science and Related Areas. Department of Mathematical Sciences, Kannur University, 25-26 November, 2009.
5. National Conference on Discrete Mathematics and their Applications in science and Social Systems (NCDMASS), 26-28 February, 2009 at Govinda Dasa College, Surathkal, Karnataka.
6. National workshop on Graph Theory Applied to Chemistry , CMS, Pala, 1-3 February, 2010.
7. International Conference on Mathematics and Computer Science, Department of Mathematics, Loyola College , Chennai, 5-6 February, 2010.
8. Visited CR Rao Advanced Institute for Mathematics Statistic and Computer Sciences, for collaborative research work with the faculty under the capacity of visiting faculty twice from Feb 19th – March 18th, 2010 and April 14th – April 30th and worked mainly on Set valuations and NP-complete problems in labeling of graphs .
9. Organizing secretary for the workshop on set-valuations, signed graphs and geometry at CMS Pala, 16-20 August , 2010.
10. Visited CRRAO Advanced Institute of Mathematics Statistics and computer Science Hyderabad from 14-12-2010 to 16-12-2010 for research collaboration work with the faculty members at the Institute.
11. Participated in the Pre. Conference workshop of the 11<sup>th</sup> International conference in India INDOCRYPT-2010 held on December 12, 2010 at Hyderabad.
12. Participated in the 11<sup>th</sup> International conference in India INDOCRYPT-2010 held on December 13-15, 2010 at Hyderabad.

**3. Ms. Pamy Sebastian** participated in the National Seminar on *Fuzzy Mathematics and Graph Theory* held St. Teresas's College, Kochi, 23-25 July 2009.

Registered for Ph D at Cochin University of Science and Technology on 7-11-2009 under the supervision of Dr. T. P. Johnson.

Participated in the National Level Conference on *Recent Trends in Fuzzy and Discrete Mathematics* held at the Union Christian College, Aluva, 19- 21 November 2009.

Officiated as Subject Expert in the Selection Committee to the Post of HAS in Maths at the District PSC Office on 24 & 25 Feb 2010.

**4. Dr. Rajeev Thomas**, Reader and Head of the Department attended a Three Days' State Level Resource Person's Training on *Restructuring of Undergraduate Education* @ the RTTC, Trivadrum, organized by the Kerala State Higher Education Council. He also attended a Work shop on Choice Based Credit & Semester System @ the Govt. College, Mananthavady.

**5. Sri Savio James** attended the National Seminar on *Higher Education* at the Christ University, Bangaluru.

Workshop in Restructuring and Curriculum Designing organized by Board of Studies in English, Kannur University, in two phases: 5<sup>th</sup> and 6<sup>th</sup> March and 18<sup>th</sup>, 19<sup>th</sup>, 20<sup>th</sup> March 2009.

One day seminar on Women's Writing: New Perspectives at Gvt Brennen College on 23 September 2009.

Resource person in the five-day workshop on Proficiency Development in English for school teachers organized by Department of English, Mary Matha College from 20 to 25 April 2009.

**6. Biju Joseph** participated in the workshop in Restructuring and Curriculum Designing organized by Board of Studies in English, Kannur University, in two phases: 5<sup>th</sup> and 6<sup>th</sup> March and 18<sup>th</sup>, 19<sup>th</sup>, 20<sup>th</sup> March 2009.

**7. George Thomas**, Dept of English participated in the five-day Workshop in Restructuring and Curriculum Designing organized by Board of Studies in English, Kannur University, in two phases: 5<sup>th</sup> and 6<sup>th</sup> March and 18<sup>th</sup>, 19<sup>th</sup>, 20<sup>th</sup> March 2009.

Attended One day seminar on Women's Writing: New Perspectives at Gvt Brennen College on 23 September 2009

Resource person in the five-day workshop on Proficiency Development in English for school teachers organized by Department of English, Mary Matha College from 20 to 25 April 2009.

**8. Ms Nirmala**, Head of the Dept. attended the Kannur University Workshop on the *Choice Based Credit & Semester System* tthe Govt College, Mananthavady.

**9. Dr Sudha Devi A R.**, Reader in Zoology attended the UGC Sponsored Short Term Course for Research Guides on *New Trends in Research* @ the Academic Staff College, University of Kerala, Thiruvananthapuram, 23 – 28 March.

She also attended the Training Program on *Gene Isolation and Characterization* @ CPBMB College of Horticulture, Univ. of Agricultural Sciences, Mannuthy, and 04 – 16 May.

She also attended the National Conference on *the Recent Trends in Animal Physiology* @ the Dept of Studies in Zoology, University of Mysore, 29 – 30 October.

**10. Ms Laya Rajesh**, the Head of the Department attended the Seminar on *Choice Based Credit and Semester System* @ the Government College, Mananthavady on 25 September.

**11. JRF's at the Mathematics Research Centre attended:**

1. Fifth International Workshop on *Graph Labeling*, 7th-10th January 2009, AKCE, Krishnankoil.
2. National Conference on *Discrete Mathematics and their Applications*, 19-21 March 2009 @ Govt. Brannan College.
3. Visited the Ramanujan Mathematical Society for Research Discussion with JRFs @ the Ramanujan Mathematical Society, Mysore, 3-6, September 2009.
4. Fifth Annual Instructional Conference of ADMA and Graph Theory Day V @ the Periyar University, Salem, 8-10 June 2009.
5. Visited the Centre for Mathematical Sciences, Pala Campus and participated in the conducted discussion with the JRFs, 10-13, September, 2009.
6. National Seminar on *Topology and its Applications to Computer Science and Related Areas* at the Kannur University, 25-26 November 2009.



**8. SEMINARS AND WORKSHOPS CONDUCTED:**

1. **Performance Development cum Orientation Program** for the Freshers was conducted on the 9 & 10 July.

2. **Academic Orientation of the Faculty:** The College reopened after the Mid-Summer Vacation on 1 June 2009. Two Days' Orientation and planning is done at the beginning of every Academic Year. This year Dr George Sebastian, a Jesuit Priest with a PhD in Communications from the Marquette University USA led the orientation on *Challenges of Education in a Media Age*.

3. **Department of Functional English** organized *Five Day Workshop on Proficiency Development in English for the School Teachers* from 20 to 25 April 2009 as a part of extending its resources to other educational institutions. Around 80 teachers belonging to the schools of corporate of Mananthavadi participated in the programme. Dr. Raju George, Sri Savio James and Sri George Thomas were the Resource Persons. Dr. Rakesh Kalia of the Department of Hindi coordinated the programme.

4. **The Post Graduate and Research Dept of Mathematics** organized:

1. Regional Seminar on *Probability Theory*, by Prof Dr A. M. Mathai on 12-14 June 2009.

2. Regional Seminar on *Limits and Continuity* by Mr. Eswaran Nambudiri T. C., Govt College Kasaragod and Mr. Shahul Hammed K., Govt Brannan College, Tellicherry on 24-10-2009.

5. **The Research Dept of Zoology** organized the UGC Sponsored **National Seminar on *Techniques in Biology for Higher Secondary School Teachers of Wayanad*** at Mary Matha Arts & Science College, Mananthavady, 20 - 21 August. The Honourable ViceChancellor, Dr P.K. Michael Tharakan made the Keynote Address. The Pro-Vice Chancellor, Dr Kuttikrishnan spoke on the Valedictory.

### 9. RESEARCH PROJECTS

Sl. No	Major Research Project Sanctioned	Topic	Amount Sanctioned
1.	<b>by the DST to:</b> Dr.Sr.K.A.Germina, Head, P.G. & Research Dept of Mathematics	Major Research Project entitled <i>Set Valuations of graphs and their Applications.</i>  (No. SR/S4/MS:277/05)	Rs.30,77,660/-
2.	<b>by the KSCSTE to:</b> Dr.A.R.Sudha, Devi.A.R,Lecturer, Dept. of Zoology	<i>Biology and Reproductive Physiology of the Crab Barytelphusa Cunicularis</i>	Rs.8,22,800/-

Sl. No	Minor Research Project Sanctioned by the UGC to:	Topic	Amount Sanctioned
1.	Dr.Prasadan.P.K, Lecturer, Dept. of Zoology	Project entitled <i>Studies on the Diversity of Freshwater Gastropods of Wayanad and their Role as Vectors of Trematode Parasites.</i>	Rs.85,000/-
2.	Dr.A.R.Sudha Devi.A.R,Lecturer, Dept. of Zoology	Project entitled <i>Studies on the Spider Fauna of Wayanad Wild Life Sanctuary.</i>	Rs.100000/-
3.	Sri.Thomas Monoth, Head,Dept.of Computer Science	Project entitled <i>E- Teaching and E-Learning</i>	Rs.85,000/-
4.	Sri.Rajeev Thomas,Head,Dept.of Chemistry	Project entitled <i>Studies on some Inorganic ion- Excahangers</i>	Rs.25,000/-
5.	Sri.Maria Martin Joseph,HeadDept.of	Project entitled <i>Effect of the Aerobic Exercise on</i>	Rs. 35,000/-

	Phy.Education	<i>Glycemic control among Diabetic Patients.</i>	
6.	Dr.Joseph.K.J, Lecturer in Malayalam	Project entitled <i>A Socio-linguistic study on Kurichiyans of Wayanad .</i>	Rs. 50,000/-
7.	Sri.Rakesh Kalia, Lecturer in Hindi	Project entitled <i>Compilation of Tri-lingual Lexicon Focusing on the Idioms, Proverbs and Phrases (Hindi-Malayalam-English).</i>	Rs.40,000/-
8.	Sri.Shaju.P.P, Lecturer in Journalism	Project entitled <i>Representation and Negotiation of Women in Malayalam Television Serials.</i>	Rs.51,000/-
9.	Ms.Geetha Antony Lecturer in Statistics	Project entitled <i>Study of Possibilities of Utility Function in Economics and Commerce.</i>	Rs.60,000/-
10.	Sri Thomas Monoth Head, Dept of Computer Science	Online Information Security based on Visual Secret Sharing	Rs 50,000
11.	Ms.Mercy Ignatius Head, Dept of Zoology	Project entitled <i>Taxonomic Studies on Torymidae(Hymenoptera-Chalcidoidea) of Wayanad Dist.</i>	Rs. 65,000/-
12.	Sri.George Thomas Lecturer in English	<i>The Intricacies of Self Translation: a Case Study of O.V.Vijayan- Translation of His Own Malayalam Work Khasakkinte Ithihasam.</i>	Rs.30,000/-
13.	Jisha T.E. Dept. Of Computer Science	Language transliteration in Indian languages.	115000

**10. PATENTS GENERATED IF ANY :** Nil

**11. NEW COLLOBORATIVE RESEARCH WORKS :** Nil

**12. RESEARCH GRANTS RECEIVED FROM VARIOUS AGENCIES**

(1) The UGC for Minor Research Project on *Language Transliteration in Indian Languages – A lexicon Parsing Approach* of Rs 97,500/ was awarded to Ms Jisha T.E Dept of Computer Science.

2. The UGC awarded Dr. Sudha Devi Rs.70000 for organizing a National Conference on *Techniques in Biology*.

3. Kerala State Council for Technology and Science sanctioned Rs.822800 for the Major Research project on *Biology and Reproductive Physiology of the Crab Barytelphusa Cunicularis* to Dr. Sudha Devi A.R.

4. Kerala State Bio-Diversity Board has sanctioned Rs. 5600to Dr. Sudha Devi A.R. for organizing Biodiversity Register of Campus.

**13. DETAILS OF RESEARCH SCHOLARS**

Research Department of Mathematics : 7

Research Department of Zoology : 3

Total : 10

**14. CITATION INDEX:**

**1. Dr. Sr. K.A. Germina, Head, Dept of Mathematics:**

***Research Papers Published/Accepted for Publication***

1. B.D. Acharya, K.A. Germina, K.L. Princy and S.B. Rao, Embeddings and NP-Completeness theorems for set-graceful. Topologically set-graceful and set-sequential graphs, *Discrete Mathematical Sciences & Cryptography*, 12(4)(2009), pp481-487.
2. B.D. Acharya and Germina K.A., On strongly k-Indexable unicyclic graphs, *Graph Theory Notes of New York*, LV: 2008, 45-49.
3. Germina K.A. and T.M.K. Anandavally, On Arithmetic Embedding of graphs, *STARS, International Journal (Sciences)*, 2 (1) (2008), 41-49.
4. S. Arumugam, K.A. Germina and V. Ajitha, On square sum graphs, *AKCE J. Graphs. Combin.*, 6(1) (2009), 1-10.
5. B.D. Acharya and Germina K.A., Maximal strongly indexable graphs, *Ars Combinatoria*, To appear.
6. K.A. Germina and Kumar Abhishek, Kernels and Grundy functions of hypergraph, *SEAJM*, To appear.

7. K.A. Germina and Bindhu K. Thomas, On bitopological graphs, SEAJM, To appear.
8. S. Arumugam, K.A. Germina and T.M.K. Anandavally, On additively geometric graphs, Journal of Combinatorial Mathematics and Combinatorial Computation Vol 70 (2009) pp 207-216.
9. T.M.K. Anandavally , S. Arumugam, Germina K.A., and S. B Rao, Sum composite and Embedding problems, J. of Combinatorial Mathematics and Combinatorial Computing, Vol 69 (2009), pp 23-30.
10. S. Arumugam, Germina K.A. and Ajitha V., On (k,d)-multiplicatively indexable graphs, J. of Combinatorial Mathematics and Combinatorial Computing, Vol 69 (2009), pp 15-21.
11. Germina K.A and Ranjini P.S, Eigen values and energy of group graphs, Journal of Analysis and Computation, To appear.
12. E. Sampathkumar , Germina K. A, Jisha Elizabeth Joy and Beena Koshy, , k-transitive digraphs and topologies, International Mathematical Forum, 5 (2010), No. 63 pp 3111-3119.
13. B. D. Acharya and Germina K. A, Unigeodesic Graphs and Related Recent Notions, International Journal of Algorithms, Computing and Mathematics, Vol 3, No1. 2010, pp 89-92.
14. Bindhu K. Thomas and Germina K. A, Distance Compatible Set-Labeling index of Graphs, Int. J. Contemp. Math. Sciences, Vol. 5, 2010, No. 19, pp911-919.
15. K. A Germina and T. M. K. Anandavally, On Permuted Graphs and digraphs, International Journal of Algorithms and Mathematics ,Vol. 3, No. 1 2010, pp 55-58.
16. Germina K. A., More on Strongly Indexable Graphs, European Journal of Pure and Applied Mathematics, Vol. 3, No. 2, 2010, pp 269-281.
17. Germina K. A., Distance Pattern of Vertices in a Graph, International Mathematical Forum, 5, 2010, 1697-1704.
18. Germina K. A and Beena Koshy, M-complementary distance uniform matrix of a Graph, International Mathematical Forum, 5, 2010, no. 45, 2225 – 2235.
19. Germina K.A. and Jisha Elizabeth Joy, Topogenic Graphs:II-Embeddings, Indian Journal of Mathematics, Vol.51(2009), pp 645-661.
20. Germina K.A. and Jisha Elizabeth Joy, Enumeration on graphical Realization, International Journal of Algorithms, Computing and Mathematics, Vol.3, No.1, 2010, pp 31-46.

21. K.A. Germina, Labeling of Graphs and its Applications in Electrical Networks, 4th Indian Society of Theoretical and Applied Mechanics International Congress (2003)
22. Germina K. A., Strongly indexable Graphs, Graph Theory and its Applications, Narosa Pub. House of the international Conference on Graph Theory and its Applications. (2004).
23. B. D Acharya, Germina K. A, Kumar Ahbishek, S. B. Rao and Thomas Zaslavsky, Point and Arc reaching sets of vertices in a digraph, Indian Journal of Mathematics, Vol.51(2009), pp 597- 609.
24. Germina K. A, Jisha Elizabeth Joy and Bindhu K. Thomas, On Set-Sequential Topogenic Graphs, International Journal of Contemporary Mathematical Sciences, Vol.5(2010) no.36, pp1799-1805.
25. Bindhu K. Thomas and Germina K. A, (k,r)-arithmetic dcsl labeling of graphs, International Mathematical Forum, 5(2010), No.45, pp 2237-2247.
26. B. D. Acharya and Germina K. A., More on strongly indexable graphs, Ars Combinatorica, To appear
27. B. D. Acharya and Germina K. A. , Distance Compactable set-labeling of graphs, Bulletin of Calcutta Math., Society, To appear
28. B. D. Acharya and Germina K. A. , Vertex Graceful graphs , Discrete Mathematical Sciences & Cryptography , Vol. 13 (2010), No. 4. pp 453-463.
29. Germina K. A and Beena Koshy, Independent Complementary Distance Pattern Uniform Graphs, International Journal of Mathematical Combinatorics, Vol 4 (2009) pp 63-74.
30. Germina K. A and S. B Rao, Graph Labelings and Complexity Problems: , Springer Pub.(2010), to appear
31. K. A. Germina, Alphy Jose and Sona Joseph, Distance Pattern Distinguishable Matrices of a Graph, European Journal of Pure and Applied Mathematics, (2010) pp 1-18.
32. B. D Acharya, K A Germina, Viji Paul, Linear Hypergraph set-indexers of a graph, International Mathematical Forum, Vol. 5, 2010, No:68, 3359-3370.
33. K A Germina and Shahul Hameed K, On Signed Paths ,Signed Cycles and their Energies, Applied Mathematical Sciences, Vol. 4, 2010, no. 70, 3455 – 3466.
34. Germina K. A and Beena Koshy, Complementary Distance Pattern Uniform Graphs, International Journal of Contemporary Mathematical Sciences, Vol.5(2010) no.55, pp2745-2751.
35. K A Germina, Shahul Hameed K and Thomas Zaslavsky, On Products and Line Graphs of Signed Graphs, their Eigenvalues and Energy, Linear Algebra and its Applications, To appear.

36. Germina K. A., Distance Pattern of vertices in a graph and understanding molecular graphs, Proce. Proceedings (Eds: B. D. Acharya, K. A. Germina and R. Natrajan), National workshop on Graph Theory Applied to Chemistry , CMS, Pala, 1-3 February ,2010, pp. 54-65.
37. Jisha Elizabeth Joy, Germina K. A. and Bindhu K. Thomas, On Sequential Topogenic Graphs, Proce. International Conference on Mathematics and Computer Science, 5-6, Feb, 2010, pp 131-134.
38. Beena Koshy and Germina K. A., Distance Pattern Segregated Graphs, Proce. International Conference on Mathematics and Computer Science, 5-6, Feb, 2010, pp 135-138.
39. Bindhu K. Thomas and Germina K. A,  $(k,r)$  arithmetic distance compatible set-labeling of graphs, Proce. International Conference on Mathematics and Computer Science, 5-6, Feb, 2010, pp 139- 144.
40. Germina K. A, Graph Modelling in Social networks: Social Psychology, Proce. National Seminar on Discrete Mathematics and its Applications, 19-21-3-2009, pp39-62.
41. Germina K. A Beena Koshy, Complementary distance Pattern uniform Graph-II Proce. National Seminar on Discrete Mathematics and its Applications, 19-21-3-2009, pp 70-76.
42. Germina K. A and Bindhu K. Thomas , Distance Compatible Set-Labeling of Trees, Proce. National Seminar on Discrete Mathematics and its Applications, 19-21-3-2009, pp 89-96.
43. Germina K. A and Jisha Elizabeth Joy , On Topogenic Complete Graphs, Proce. National Seminar on discrete Mathematics and its Applications, 19-21-3-2009, pp 111-121.
44. Ajitha V. and Germina K. A , Some results on Perfect Square sum Graphs, , Proce. National Seminar on Discrete Mathematics and its Applications, 19-21-3-2009, pp 122-129.
45. Germina K. A and T. M. K Anandavally, On Permuted Graphs, Proce. National Seminar on Discrete Mathematics and its Applications, 19-21-3-2009, pp 140-143
46. Bindhu K. Thomas and Germina K. A., Distance Compatible Set-Labeling of Graphs: Extended Abstracts, , Proceedings (Eds: B. D. Acharya, K. A. Germina and R. Natrajan), National workshop on Graph Theory Applied to Chemistry , CMS, Pala, 1-3 February ,2010, pp. 99-101
47. Germina K. A and Jisha Elizabeth Joy, Topogenic Set-indexers: Extended Abstracts, , Proceedings(Eds: B. D. Acharya, K. A. Germina and R. Natrajan), National workshop on Graph Theory Applied to Chemistry, CMS, Pala, 1-3 February ,2010, pp. 112-114

48. Germina K. A and Beena Koshy : Complementary Distance Pattern uniform Graphs: Extended Abstracts, Proceedings (Eds: B. D. Acharya, K. A. Germina and R. Natrajan), National workshop on Graph Theory Applied to Chemistry, CMS, Pala, 1-3 February, 2010, pp. 102-104

**Editor for:**

1. National workshop on Graph Theory Applied to Chemistry, 1-3 Feb 2010 at CMS Pala Campus, (Eds. B. D Acharya, Germina K. A and R. Natrajan)

***Research Papers Communicated for Publication***

1. K A Germina and Viji Paul, On Uniform Linear Hypergraph set - indexers of a graph, communicated
2. Charles Dominic, Germina K. A, Jisha Elizabeth Joy , E. Sampathkumar and V. Swaminathan, On Set-transitive digraphs (2010)
3. B. D Acharya, Germina K. A, Kumar Abhishek and P. J. Slater, On Set-sequential trees (2010)
4. Beena Koshy and Germina K. A, Distance Pattern segregated graphs (2010)
5. B. D Acharya, Germina K. A, Princy K. L and S. B Rao, On Topologically set- graceful Graphs (2010)
6. M.V. Khaparde, V. Parameswaran, S. B Rao and Germina K. A, Co-Tree Stochastic Graphs (2010)
7. Germina K. A and Kumar Abhishek, On directed magic graphs (2010)
8. B. D. Acharya, Germina K. A., and Jisha Elizabeth Joy, On Topogenic Graphs (2010)
9. B. D. Acharya, Germina K. A and Kumar Abhishek, Hypergraphs of Minimal Arc Basis of Digraph, (2009).
10. B. D Acharya, Germina K. A, Princy K. L and S. B Rao, Construction of infinite ascending chains of set-graceful, topologically set-graceful and set-sequential graphs from an arbitrary given graph (2009).
11. B. D Acharya and Germina K. A, More classes of strongly indexable graphs (2010).  
Germina K. A and S. B. Rao, Graph Isomorphism problems on labeled graphs (2010).
12. Germina K. A. and Shahul Hameed, On composite of signed graphs (2010)
13. Germina K. A Viji Paul, On cyclicity and cyclomatic number of set-indexed hypergraphs (2010)



14. B. D. Acharya, Germina K. A and Jisha Elizabeth Joy, On set-indexed directed graphs (2010))

**2. Dr. Rajeev Thomas, Head, Dept of Chemistry**

*Ion exchange behavior of Aloe Vera gel, a natural shampoo.*  
Communicated for publication in the *International journal of Chemistry and Environment*

**3. Dr. Sudha Devi A.R , Reader in Zoology:** Dr Sudha has edited the Proceedings of the UGC Sponsored National Seminar on *Techniques in Biology*.

**15. HONORS/AWARDS TO FACULTY:**

**Teachers holding Important Positions**

**1. Dr Raju George, the Principal:** Research Guide in English both @ the Kerala and Mahatma Gandhi Universities.

Member, Board of studies in Functional English, Kannur University.

Member, State Executive, Council of Principals of colleges Kerala.

**2. Dr Sr Germina K.A.:**

Research Guide in Mathematics in the Kannur, and Mahatma Gandhi, and Coimbatore Anna Universities.

Member, Doctoral Committee, Kanur University.,

Adjunct Professor, Centre for Mathematical Sciences, Pala.

Member, National Mathematical Sciences Institute DST, Govt of India. N. Delhi.

Member, Academy of Discrete Mathematics and Applications.

**3. Dr Sudhadevi A.R.:**

Member, the Syndicate, the Senate, and the Academic Council, Kannur University.

Research Guide in Zoology, Kannur University.

Member, Board of Editors, *Journal of Experimental Zoology, India*.

**4. Dr Rajeev Thomas:**

Member, Faculty of Sciences, Kannur University.

Life Member, Indian Council of Chemists.

Company Commander, 1(K) Arty Bty., NCC, Thalasserry.

**5. Dr Prasad P.K.:**

On Deputation as Course Director, Kannur University Dept of Zoology.

Research Guide in Zoology, Kannur University.

Member, Board of Studies in Zoology, Kannur University.

Member, Board of Editors, *Journal of Biochemical & Cellular Archives*.

**6. Mr Shaju P.P:**

Member, Board of Studies in Journalism, Kannur University.

**7. Mr Thomas Monoth:**

Member, Board of Studies in Computer Science, Kannur University.

**8. Dr Joseph K. Job:**

Member, Board of Studies in Malayalam, Kannur university.

Research Guide in Malayalam, Kannur University.

Member, Expert committee, Dept of Tribal Sociology, Kannur University.

***16. INTERNAL RESOURCES GENERATED***

PTA Fund	: 48000
Students' welfare fund	: 262000
Total	: 310000

***17. DETAILS OF DEPARTMENTS GETTING DST/ FIST/ SAP, COSIST/ RECOGNITION: Nil***

## **18. COMMUNITY SERVICES:**

The students and staff with the active involvement of PTA engage in various community services through various forums.

### **1. The College**

The College has been running an **Employment Training Centre** near the college. Last year it was shifted to Cheloor, a remote place where women were given training in stitching. This year the college supplied two Sewing Machines to the Employment Training Centre for Tribal Women run by the Adoration Sisters of Appapara as part of the Msgr Geroge Njaralakkat *Endowment for the Employment Training of Tribal Women*.

**Murikkumtheri colony** was adopted by the Commerce Department and various programs like giving tuition to the tribal students are organized by the Department of Commerce.

### **2. The National Service Scheme**

*Onam* was celebrated with the tribal folk of the adopted Tribal Colony at Edappady village on 9 Aug 2009. Our Volunteers prepared *payasam* with the help of the community and many spontaneous programs were conducted in a mutually benefiting manner.

On the *Gandhi Jayanthi*, 25 NSS Volunteers participated in a *cleaning-drive* on the premises of the Mananthavady Munsiff/ Magistrate Court. The staff and Advocates of the Court also joined the volunteers. The Programme was inaugurated by the Hon'ble Munsiff/Magistrate of the Mananthavady Court. 15 other volunteers participated in a *Gandhi anusmarana* program held in the Gandhi Park. The remaining volunteers cleaned the campus and participated in the various cultural programs.

Our volunteers visited and spent time with the elders of the *Karuna Bhavan*, Old Age Home in Kartikkulam on 27 November.

The Special Camping Program of the Year was held in the Kannur University Teacher Education Centre in the Edavaka Panchayat from 18 – 24 December 2009. The camp turned out to be a memorable one with varied experiences that helped the campers to grow up as better human beings. The Campers built up a close relationship among themselves and with the local community. They returned home pledging to serve Society without looking for any personal benefit.

### 3. The Red Ribbon Club

The Forum of Blood Donors regularly offers its services to the District Hospital as and when the need arises. The NSS Program Officers and Volunteers coordinated the activities the Red Ribbon Club.

**4.The Commerce Department** runs the *Mytri Community Development Program* at the nearby Murukkumthery Tribal Colony, where students run regular tuition for school children. Onam and X'mas were celebrated involving the local community.

**5. Lunch for Patients:** contributes Rs 2000/- to the District Hospital to *sponsor Lunch* to the patients on Second Saturdays. Sri Johnson Cherayil coordinates.

**6. Radio Mattoli:** Abhilash Baby, Suneesha V.F. and Soumya Thomas have won placement in Radio Mattoli, Wayanad's own Community Radio, the first of its kind in Kerala.

**7. Invigilation:** Neethulakshmi, Tomlin, Aloysia, Aldy, Jesma, Jithin, Jeena, and Jomon had been Chief Invigilators of the *Gurushishya Examinations* in various Schools across Wayanad. in early November.

**8. Pazhassi Smaraka Grandhasala:** Following is the list of students, who are selected to the **Academic Cell of the Pazhassi Smaraka Grandhasala, Mananthavady.**

1. Karthika V K (III B A Functional English) 2 .Jimsha R (III B A Functional English) 3. Mebna Joseph (III B A Functional English) 4. Abilash Baby (II B A Functional English) 5. Praseeda A K (II B A Functional English) 6. Mariya James (IB A Functional English) 7. Dhanya C K (IIB A Functional English) 8. Thushara R (I B A Functional English) 9. Sachin Thankachan (I B A Functional English) 10. Prajisha Preman (IB A Functional English)

**9.Charity:** Third year Functional English Students have contributed Rs.3250/- to Sri. Jose Karakkada and family for the medical treatment.

**19. NUMBER OF TEACHERS AND OFFICERS NEWLY RECRUITED:**

As some of the guest lecturers left the college for higher studies or to take up government jobs the College has appointed the following guest lecturers this year.

1	Rajitha K.M	Lecturer	FIP Leave Vacancy
2	Mary A.U.	Lecturer	Deputation Leave Vacancy
3	Bibin Jose	Lecturer	FIP Leave Vacancy
4	Krishna Raj K	Lecturer	On ML vacancy
5	Fr.Sibichen.C.C	Guest Lecturer	Guest
6	Jocymon Joseph	„	„
7	Laya Rajesh	„	„
8	Sajitha S.	„	„
9	Beya Baby	„	„
10	Jessy P.C.	„	„
11	Biji Thomas	„	„
12	Dimple Thomas	„	„
13	Sr Beena O	„	„
1 14	Smitha E.K	„	„
15	Jiji Abraham	„	„
16	Noble Jose	„	„
17	Lisha A.	„	„
18	Shibu P.G.	„	„
19	Sony Jacob	„	„

**20. TEACHING- NON TEACHING STAFF RATIO:**

39 : 17

**21. IMPROVEMENT IN THE LIBRARY SERVICES:**

The Central Library has a handsome collection of around 11070 Books out of which around 2500 are bought during the current year. There are about 50 journals and magazines of which 3 are being subscribed from this year onwards. The internet facility provides e-journal facility also. Student Feedback demonstrates that they are impressed by the Reading Material available in the Central Library, even though there is a severe space-crunch. We have started issue of library books through bar-coded system. The free internet facility for all students is made available in the Library

**22. NUMBER OF NEW BOOKS/JOURNALS SUBSCRIBED AND THEIR VALUE:**

(a) No.of Books in the Library up to the year 2008 : 8460

(b) No.of New Books added to the Library

During the year 2009 : 2530

(c) No.of Journals subscribed by the Library

Upto the year 2008 : 47

(d) No.of New Journals subscribed during the year 2009 : 03

(e) Value of the Books : Rs. 323647

**23. NUMBER OF COURSES FOR WHICH STUDENT ASSESSMENT OF TEACHERS IS INTRODUCED AND THE ACTION TAKEN ON STUDENT FEEDBACK:**

Teachers are assessed by students of all courses. Apart from the individual teachers collecting feed back of their own classes, the Principal personally collects student feed back of each of their teachers, based on such criteria like the work performance, the mastery of the subject taught, efficiency in communicating the subject, punctuality and sincerity etc. The assessment of teachers is communicated to them confidentially for the betterment.

**24. UNIT COST OF EDUCATION:**

Rs.22934

## ***25. COMPUTERIZATION OF ADMINISTRATION AND THE PROCESS OF ADMISSIONS AND EXAMINATION RESULTS, ISSUE OF CERTIFICATES***

The College office and the administration is computerized. The admission process to various under graduate courses is managed by foolproof computer software. The College accounts, the collection of fees, the disbursement of salary, and the accounts of the issue and collection of books in library etc., are done with the proper Management Information systems.

## ***26. INCREASE IN THE INFRASTRUCTURAL FACILITIES:***

Last year The *Building Committee* met and formulated mega plans for the Hostel cum Guest House and the extension of the Academic Block. On 30 August the Proposal for an International Hostel cum Guest House on the campus was forwarded to the UGC Office at Bangalore. The college also submitted detailed project plan for UGC assistance of IX plan. This year, after the interface with the UGC Committees we got both plans sanctioned.

## ***27. TECHNOLOGY UPGRADATION:***

Technology upgradation, hardware as well as software, is done regularly in the Computer Lab, Library, Office and in the Audio-visual Lab.

The college has upgraded the Language Lab by replacing half of the manually run tape recorders with computers.

## ***28. COMPUTERIZATION AND INTERNET ACCESS AND TRAINING TO TEACHERS AND STUDENTS:***

This year also the provision for the free Internet facility to students is continued. All the Staff rooms are provided with internet facilities. Students are given training at various levels and are encouraged to present seminars using Power Point and such other softwares.

## ***29. FINANCIAL AID TO STUDENTS :***

Taking into account the financial backwardness of many of our students the college has established many schemes of scholarships and endowments to financially assist them.

**1. The post metric scholarship for minority students** implemented by the government UGC stipend for students belonging has become a boon to a large number of our students. Our college stands first in applying for

maximum number of students and availing post metric scholarship for a total of 166 students. Following table shows the class-wise list of students who are awarded Post metric minority scholarship.

Dept	I Yr	II Yr	III Yr	I PG	II PG
F. English	11	09	00		
Maths	14	11	06	01	03
Zoology	18	12	02		
Comp. Sc.	12	11	07		
Commerce	20	08	06		
Chemistry	09	02	04		
<b>Total</b>	84	53	25		
					<b>Grand Total: 166</b>

**2. Stipend for students belonging to SC/ST and Minority** was sanctioned by UGC and **forty** final year students availed the assistance for their study purposes this year itself.

**3. Dr. K. T. Varkey Endowment:** Rs. 1000/- to the **Best Outgoing Student** of the college, considering his/her all round performance, was awarded to **Ms Shiji Paul**, III Rank Holder in BSc Mathematics.

**4. Bishop Mar Emmanuel Pothanamuzhy Memorial Prize:** Cash award of Rs.1,000/- instituted by the **Teaching Staff Association**, to the student who secures the highest marks in **Part I English, Paper I & II** awarded to **Ms Drisya R** of III B A Functional English.

**5. Archbishop Mar Jacob Thoomkuzhy Scholarship:** Cash award of Rs. 1,000/- nstituted by the Management to the Topper in B. Com Degree Examination awarded to **Ms Neena Raj**.

**6. Very Rev. Msgr. Thomas Moolakunnel Scholarship:** Cash award of Rs. 500/- instituted by the Diocese of Mananthavady to the Topper in B. Sc. Mathematics Degree Examination awarded to **Ms Shiji Paul**, III Rank Holder in the **Kannur University**.

**7. Rev. Fr. Geroge Kizhikachalil Scholarship:** Cash award of Rs.500/- instituted by the Diocese of Mananthavady to the student who secures the



highest marks in B. Sc. Zoology Degree Examination awarded to **Ms Ritty V. James.**

**8. Cash prize of Rs. 500/-** instituted by the Management to the student who secures the highest marks in the B. A. Degree Examination awarded to **Ms Reshma Eldose.**

**9. Cash prize (Rs. 500/-)** instituted by the Management to the student who secures the highest marks in B. Sc. Computer Science Degree Examination awarded to **Mr Jinesh M K, III Rank Holder in the Kannur University.**

**10. Cash prize (Rs. 500/-)** instituted by the Management to the student who secures the highest marks in B. Sc. Chemistry Degree Examination awarded to **Ms Sreepriya M.**

**11. Ramanujan award of Rs. 250/** instituted by the Dept. of Mathematics to the Top Scorer in B. Sc. Mathematics (Main only) awarded to **Ms Shiji Paul, III Rank Holder in the Kannur Univeristy.**

**12. Dr. Salim Ali award of Rs. 300/-** instituted by the Department of Zoology to the Top Scorer in B. Sc Zoology (main only) awarded to **Mr Dileep Kumar A D.**

**13. Cash Prize of Rs. 250/-**instituted by the Department of Computer Science to the Top Scorer in B. Sc Computer Science (main only) awarded to **Mr Jinesh M. K., III Rank Holder in the Kannur University.**

**14.Cash Prize of Rs. 250/-** instituted by the Department of Commerce to the Top Scorer in B. Com. (main only) awarded to **Ms Neena Raj.**

**15. Nirala Puraskar:** Cash award of Rs 301/-and a book to the Topper in Part II Hindi instituted by the Department of Hindi awarded to **Ms Manjusha C., III B Sc Zoology.**

**16. Asan Puraskaram:** Cash award of Rs.301/- and a book to the Topper in Part II Malayalam instituted by the Department of Malayalam awarded to **Ms Alphy Lal , III BA Funcional English.**

**17. Proficiency Prizes of Rs. 250/-** each to the Toppers in the **I DC Examination of all Major Departments:**

BA Funcional English: Neethulaksmi R III B A

B Sc Mathematics: Sujin Gopi III B. Sc

B Sc Zoology: Shahina B T III B. Sc

B Sc Comp Science: Ann Sumi Tom III B. Sc

B Sc Chemistry: Amritha T V III B. Sc

B Com: Noufila N A III B. Com

**18. Sri Thomas Chandy Scholarships** of Rs 1000/- each were awarded to 10 students who have financial difficulties as per the evaluation of the Mentors and Heads of Depts. The Following students are awarded **Sri Thomas Chandy** (an American NRE) Scholarship for the Year 2009-'10:

1.Mebna Joseph, III Yr English 2.Sini Kuriakose, IIIYrChemistry 3. Soumya K. S., III Yr Chemistry 4. Nithin K.M., III Yr Zoology 5. Prajisha Preman, I Yr English 6. Nimisha V.V., II Yr Maths 7. Jayasree P., II YrZoology 8. Manu Francis, I Yr Commerce 9. Rithin K.D., I Yr Chemistry and 10. Linto John, I Yr Comp. Science

### **19. Student Aid Fund**

Josiya Mathew and Zereena U. (II Yr English), and George Jacob(IIYr Computer Science) were awarded the Student Aid Fund for the Year

### **30. ACTIVITIES AND SUPPORT FROM THE ALUMNI ASSOCIATION:**

The alumni association at present is not in a position to financially support the college. Members of the alumni help our students providing information regarding higher studies and placements. The College has made it a healthy practice to arrange interface with members of alumni who are performing well.

### **31. ACTIVITIES AND SUPPORT FROM THE PARENT-TEACHER ASSOCIATION:**

The PTA strengthens and supports the System of Mentoring on Campus. The Parent Teacher Association is formed by Representatives of Parents from each Class. The Parents meet at Class and Dept Level occasionally to monitor the progress of their Wards. The Representative Council is formed by choosing a parent representative from each of the Classes. The Executive Council is formed by selecting one representative from the Parent-representatives of each of the Depts. The executive council for 2009-10:

Dr Raju George (the Principal and President)

Sri C. Rajeev (the Vice President)

Sri Savio James (the Secretary)

Sri Shaju P.P. (the Union Advisor & Teacher Representative)

Sri K.V. Sukmaran

Sri P.V. Johny

Sri Varghese John

Sri Kunjikirishnan R.

Sri V. Ummar

The Union Chairman and the Vice Chairperson (Special Invitees).

### **32. HEALTH SERVICES:**

The Red Ribbon Club in association with the College Union organized a Seminar on *Health Hazards*, Dr Nita Vijayan, Dy DMO, Wayanad spoke. On 1 December.

### **33. PERFORMANCE IN SPORTS ACTIVITIES:**

The Dept offers the following **indoor Games**: Chess, Table Tennis, Yoga, Caroms, and Minor Games like the Tug-of War, Arm wrestling etc.

*The Outdoor Games* offered are Football, Volleyball, Basket Ball, Cricket, Badminton, Archery, Athletics, Wrestling, Weight- Lifting, Power Lifting, Judo, and Boxing. Our students participated in the following Competitions and won prizes.

1. The Kanur University Inter Collegiate Wrestling Championship:

Aldy George, Shinoob T.M. and Sibi Joseph won the Third Place.

2. The District Level Amateur Athletic Meet:

Askar Ali won the First Place in Discuss Throw, the Second Place in Shotput, and in Relay. Jithin M.K. won the Second Place in 5000 Mtrs Race, Our Team won the II Place in 4 x 400 Relay, and in 4 x100 Relay, and the Third Place in 800 Mtrs Race.

### 34. The Kannur University Inter Collegiate Athletic Meet Championship:

Anish T.K. won the Gold with Record in the 1500 Mtrs Race and Gold in the 800 Mts Race. He also won II Place in Cross Country and represented the Kannur University in the Inter University Cross Country Championship. Anish won the I Place in the 3000 Mtrs' Steeple Chase and represented the University. Sadique Ali won the Gold in Javaline Throw and held the Record in the University.

Jini N.P. represented the Wayanad District in the State Women Cricket Championship.

Nelson V.O. won I Place in Table Tennis and represented the Kannur University in the Inter Univ. Championship @ Hyderabad.

### **34. INCENTIVE TO OUTSTANDING SPORTSPERSONS:**

The following students are eligible for Grace Marks this year:

1. Nelson V.O. I BA in Table Tennis
2. Aneesh T.K. III BSc in Athletics
3. Sadique Ali. III BSc in Athletics.

### **35. STUDENT ACHIEVEMENTS AND AWARDS:**

#### **1. University Ranks**

1. Shiji Paul won the III rank in BSc Mathematics
2. Jinesh M.K. won the III rank In BSc Computer Science

#### **2. The University Arts Festival**

Almost all the contestants in the small select contingent that represented Mary Matha in the Kannur Univ. Arts Festival in late January returned with flying colours. The following are the winners in the University Arts Festival 2009-'10.

1. Best Actress: Soumya Thomas, III Yr Zoology.
2. I with A Grade in English Script Writing for Feature Film: Neethulakshmi R.K., III Yr English.

3. I with A Grade in Hindi Script Writing for Feature Film: Drisya R., III Yr English.
4. I with A Grade in Hindi script Writing for Documentary: Drisya R., III Yr English.
5. I with A Grade in Essay Writing in Malayalam: Sravan Krishna, II Yr Maths.
6. II with A Grade in Guitar: Vysak V.J., III Yr Computer Science.
7. II with A Grade in Kavyakeli: Dhanya K.G. II Yr Maths.
8. III with A Grade in Mrudangam: Shyam Shankar E.P., III Yr Chemistry.
9. A Grade in Pencil Drawing: Midhun Pradeep, II Yr Chemistry.
10. A Grade in Recitation in Malayalam: Manjusha K., III Yr Zoology.
11. A Grade in Recitation in Sanskrit: Anudhara Jeetsna, II Yr Maths.
12. A Grade in Mimicry: Nidhin Johny, III Yr English.
13. A Grade in MonoAct: Sachin Thankachan, I Yr English
14. A Grade in Aksharaslokam: Dhanya K.G., II Yr Maths.
15. A Grade in Elocution in Arabic: Shaseer, II Yr Commerce.
16. B Grade in Computer Designing: Jinil Paul, II Yr Computer Science.
17. III with A Grade: in Duff Mutt.
18. B Grade in Drama in Malayalam.
19. B Grade in Oppana.

3. **Pazhassi Smaraka Grandhasala:** Following is the list of students, who are selected to the **Academic Cell of the Pazhassi Smaraka Grandhasala, Mananthavady**. 1. Karthika V K (III B A Functional English) 2. Jimsha R (III B A Functional English) 3. Mebna Joseph (III B A Functional English) 4. Abilash Baby (II B A Functional English) 5. Praseeda A K (II B A Functional English) 6. Mariya James (IB A Functional English) 7. Dhanya C K (IIB A Functional English) 8. Thushara R (I B A Functional English) 9. Sachin Thankachan (I B A Functional English) 10. Prajisha Preman (IB A Functional English)

4. Neethulakshmi and Drisya of the Dept of Functional English attended the *Ezhuthupura, Workshop on Script Writing on the Nila Nadhi at Kuttippuram* in December.

5. Five of our students (Anjana, Arunraj, Dhanya, Jinil, and Prajitha) are selected by the Deputy Collector for **Internship in Project Preparation** on 03 December.

6. **Sr Sinju Daniel** of II Yr English won the II Prize in Essay Writing organized by the Gandhi Darsan Vedi.

7. **Anish T.K.** of III Yr won the Young Achievers' Award 2009 in Wayanad.

8. Resly Francis (II Yr) won the III Prize in **Recitation** at the WMO College, Muttill, 08 December.

9. Geofry and Alvin of the Commerce Dept brought home prizes in the *All Kerala Inter Collegiate Quiz* Competition organized by the Commerce Dept of St. Joseph's College, Devagiri on 3 November.

10 Shinoob T M. with Anilitty S. of II Yr Zoology bagged the III Prize in the *Malabar Manager Contest* at the Pazhassi Raja College, Pulpally, 12 December.

11. Our students had an opportunity to interact with the **Scientists from the Vikram Sarabhai Space Science Centre**, Thumba on *Space Technology in Education*, 06 October.

### **37. PLACEMENT SERVICES PROVIDED TO STUDENTS:**

The Coaching Cell to impart training to the students of SC/ST and Minorities with the support of the U.G.C. has been functioning in our college since June 2009. In pursuance with the major activities of the last year, we have taken a few steps forward to impart the coaching to the needy students from June after the reopening of the college for the current academic year.

We conducted a meeting of the Advisory Board on June 10. We also invited other teachers and resource-persons to chalk out a comprehensive programme for the benefit of the students.

We supplied the written materials to the students who were appearing for the competitive examinations. We also provided books and CDs to the students from our own library, meant for the purpose substantiating the Coaching program.

From September 1 onwards we imparted coaching for the SBI Clerical Exam., which was held in the first week of November. Our Resource Persons gave specific training English, Arithmetic, Logical Reasoning,

Banking and Computer Science. The classes were arranged in the evening after the regular class hours and on Saturdays.

Resource Persons from various fields are brought to the Campus occasionally to train our students. Mr Rakesh coordinates the Coaching Program.

### ***38.DEVELOPMENT PROGRAMME FOR NON TEACHING STAFF:***

Orientation at the beginning of the academic year and training in different computer programmes were conducted for the non-teaching staff.

### ***39. BEST PRACTICES OF THE INSTITUTION:***

Ours is the only college in Kannur University that follows Parliamentary Mode of Election of College Union. This has ensured a violence-free, party-politics-free and strike-free campus. At the same time The Grievance Redressal Cell of the college functions very effectively so that any problems faced by students are immediately taken up.

Subscription to more than hundred English newspapers is found beneficial to the students. At present an average of four students get a newspaper and the habit of reading the newspaper, news presentation, newspaper quiz programmes etc. help in acquiring language skills and general knowledge.

### ***40. LINKAGES DEVELOPED WITH NATIONAL INTERNATIONAL, ACADEMIC/ RESEARCH BODIES - MOUs:***

*NIL*

### ***41. ANY OTHER RELEVANT INFORMATION***

#### **UGC Assistance Received During the XI plan**

After processing our application the UGC in the XI Plan has sanctioned **Rs 60,00,000/- (60 Lakhs)** for the Construction of a Women's Hostel on the Campus, work on which is about to commence shortly.

The UGC has also sanctioned **Rs 82,02,000 under different schemes** for providing multi-purpose facility on the Campus that includes Books and Journals, Equipment, Maintenance of Equipment, Construction and Renovation of Building, Enhancement of Initiative for Capacity Building,

Stipend for Deserving Students, Improvement of facilities in Existing Premises, Examination Reforms, Educational Innovation, Field Work and Study Tours and Extension Activities and so on and so forth. The details are given below.

Rs. 5,00,000/- for Add on courses

Rs. 14, 00,000/- as General Development Grant

Rs. 7, 92,000/- for coaching Classes for SC/STs and Minorities

Rs. 2, 00,000/- for Improvement of Facilities in Existing Premises.

Rs. 11, 50,000/- as Catch-up Grant for Young Colleges.

Rs. 10, 00,000/- for Colleges Located in Tribal Areas.

Rs. 5, 50,000/- for providing Stipends for Students.

Rs. 7, 00,000/- for Enhancement of Initiative for Capacity Building

Rs. 11,50,000/- for Colleges in Backward Areas.

Rs. 1, 60,000/- for Enhancing Internet Facilities.

Rs. 9,00,000/- for Remedial Coaching for SC/ST/OBCs and Minorities

Rs. 3, 00,000/- for Career and Counselling Cell.

Various committees are formed for the effective implementation of the projects proposed.

## **PART – C**

### **DETAIL PLANS OF THE INSTITUTION FOR THE NEXT YEAR:**

1. Proper and Effective implementation of all the project sanctioned by UGC.
2. Completion of the UGC sanctioned hostel time bound
3. Constructing an academic wing to accommodate new courses
4. Preparation for re-accreditation which includes submitting LoI and SSR
5. Conducting Performance Development Programmes for the freshers, renewal programmes for the senior students and faculty improvement programmes for the teaching staff
6. Regular maintenance and repair and up gradation of infrastructure
7. Initiating village outreach programs for building social commitment among students.



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8. Organization of seminars and workshops
  9. Acquisition of more books for the Faculty of Sciences
  10. Increase in the use of IT enabled teaching methods
  11. Increase in major and minor research projects
  12. Taking up of consultancy services
  13. Financial / Material support for the deserving students
  14. Conducting coaching classes for competitive examinations
  15. Better networking for alumni
  16. Strengthening of institution-industry linkage
  16. Marketing the College through media
  17. Net working with other institutions
  18. Continue classes to improve communication skill of the students.
  19. Up gradation of the laboratories.
  20. Procuring more international and national journals to the teaching staff as well as students.
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## **DECLARATION**

Certified that the data included in this Annual Quality Assurance Report (AQAR) are true to the best of my knowledge.

Dr. Raju George

Principal