

**NIRMALA COLLEGE MUVATTUPUZHA**  
**ANNUAL QUALITY ASSURANCE REPORT 2008-09**

**PART A**

**Academic Plan for the Year 2008-09**

The academic year commenced with a staff meeting in which the Principal presented the action plan formulated at the end of the last academic year. The action plan was circulated to all departments for detailed discussion. The final draft was prepared by IQAC incorporating department level modifications. The Action Plan for the academic year 2008-09 in respect of the seven criteria was as under.

**CURRICULAR ASPECT**

**Value Addition Programme**

- ✓ Certificate courses already started may be sustained
- ✓ In order to strengthen knowledge in the discipline, certificate courses may be given by all departments
- ✓ Certificate courses require a minimum of 15 hours duration only.
- ✓ Provide an orientation programme to the students to introduce the programmes of the college.
- ✓ Conduct training programmes in Personality Development and Soft Skills.
- ✓ The documentation of activities already introduced must be continued. The responsibility of documentation may be allocated to the IQAC member of the department.
- ✓ IQAC shall evolve mechanisms and procedures to improve the academic and administrative performance of the institution by:
  - Developing quality benchmarks for the various academic and administrative activities.
  - Disseminating information on various quality parameters of higher education.
  - Documenting various programmes.
  - Preparing Annual Quality Assurance Report.
  - Introducing innovative methods of teaching, learning and evaluation
- ✓ Enhance the quality of the existing programmes provided by the college such as

- 1) Diploma course/certificate courses in computer awareness.
- 2) Statistical Packages such as Minitab
- 3) Yoga classes
- 4) Remedial classes
- 5) NET coaching
- 6) Coaching Classes for Entry in Services.
- 7) Computerized accounting package using Tally
- 8) Personality Development and Communication Skills
- 9) Beauty Culture
- 10) Foundation Course in ICWAI examination in collaboration with the Institute of Cost and Works Accountants of India

✓ **Interdisciplinary programmes**

- Interdisciplinary programmes will be organised by way of invited talks, seminars etc. under the auspices of subject associations and various clubs functioning in the college

**TEACHING LEARNING AND EVALUATION**

**D. Prepare a teaching plan.**

Record it in the register kept in the department and Teacher's Diary. 40 per cent of the portions in the first and 50 percent in the second term and the rest in the third term. Under the semester system design the syllabus so as to finish in 4 months.

**D. Teacher's diary will be continued, which contain**

- The topic and the class engaged
- Tutorial hours with the names of the students
- Administrative, curricular and co-curricular activities
- Teaching methods

**D. Evaluation of teachers** by students will be conducted at different times and will be intimated personally.

**D. Internal academic audit** will be conducted.

**D. Documentation** of various activities and maintenance of the existing files upto date. They may be submitted for internal audit.

**D. Learner centred methods of teaching**

To make students' involved in the teaching learning process, teaching techniques supplementing the traditional lecture method must be evolved. The faculty members will employ learner centred techniques such as web related assignments, peer teaching,

discussion method, experiential learning, use of audio-visual aids, case study, projects, surveys, Quiz etc in the delivery of academic programmes.

**D. Human Resource Development Training for students (HRD Training)**

With the cooperation of different associations and clubs, a course spread over a year at flexible time schedule will be organised to build up competence and skill for students. A committee consisting of the co-ordinator of the concerned co-curricular programme will monitor the programmes. The course consists of Life Guidance programme, Career awareness, Personality development and Leadership Training, Sex education and Communication skill.

**D. Mentoring**

Mentorship is assigned to each member of the department. Each member of the teaching faculty is entrusted with the task of mentoring 10 to 15 students. They are responsible for academic and personal mentoring. This is to strengthen the bonds of appreciation and affection that exists between teachers and students. Interaction with students and counselling them help in their personal development. Tutors may keep the progress of the students in the Teacher's diary.

**D. Training for ICT enabled teaching and learning**

- ✓ Teacher Training programmes will be organised periodically to train the staff in ICT based teaching.
- ✓ The students may be encouraged to prepare, slides, transparency sheets and power point presentations as part of their assignments and project presentations. This makes the teaching –learning process a two way process, involving both the teachers and learners.
- ✓ Improve the annual exhibition by incorporating hobby collections and projects of students.
- ✓ To conduct workshop for teachers on “Semesterisation, Grading, Choice Based Credit System and Continuous Internal Evaluation” in collaboration with Kerala State Higher Education Council.

**RESEARCH, CONSULTANCY AND EXTENSION**

The Research and Development Cell has the goal of inculcating a research culture among the faculty and students. The Cell will give encouragement to pursue research programmes and undertake minor and major research projects. The committee will provide guidance in preparing proposal for research projects, seminars, conferences etc. Periodic meetings of the research

scholars will be arranged for the presentation of their completed works. The committee will prepare the proposal for basic developmental assistance during the XI Plan period.

- To apply for minor and major research projects by all faculty.
- To fulfill the eligibility for PG grant
- Paid Consultancy for mobilising funds for the department (DRC, Income tax consultancy, Data analysis etc.)

#### **INFRASTRUCTURE AND LEARNING RESORUCES**

- ✓ To purchase a new generator to compensate electricity failure in the campus.
- ✓ Involvement of students and staff and other stakeholders will be ensured in keeping the campus clean and ecofriendly.
- ✓ Periodic cleaning by students under the direction of teachers to keep the campus litter free and plastic free.
- ✓ Updating the laboratories and class rooms with the cooperation of PTA in different phases by 2010.
- ✓ Library reference section will be available to members from 8am to 8pm.
- ✓ Extending library membership to the Alumni.
- ✓ Expansion of Internet lab and appointing full time internet administrator.
- ✓ To purchase more Computers and UPS to various subunits of the College.
- ✓ To purchase modern lab equipments with the UGC grant.

#### **STUDENT SUPPORT AND PROGRESSION**

- ✓ Involving the final Degree and PG students in the Alumni Day celebrations and conduct induction ceremony for outgoing students.
- ✓ Continue the practice of Talent Day.
- ✓ To inform the students about various scholarships and awards instituted by the college and other well-wishers through college Handbook and Calendar and also through College Website.
- ✓ To continue the best user award for library books with the help of Alumni Association.
- ✓ Encourage all P.G. students to undergo NET training. Class teachers may collect the names and hand it to the coordinator.
- ✓ Progression and Placement data will be updated every year.
- ✓ To conduct a Mega Campus Drive in collaboration with Mahatma Gandhi University Employment Information and Career Guidance Bureau, Kottayam and under the leadership of Career Guidance cell of the college.

## **ORGANISATION AND MANAGEMENT**

- ✓ Budget Proposal
- ✓ Periodical staff meetings
- ✓ Different committees may be constituted for effective functioning of the departments.
- ✓ Enhance the functioning of the grievance redressal committee.
- ✓ Keep the files up to date and provide necessary information to the IQAC.
- ✓ Departmental meetings be arranged periodically to review the progress of the academic plan for the current year.
- ✓ Non teaching staff will be given training in file management, clerical and secretarial works.

## **BEST PRACTICES**

- ✓ Continue the existing best practices.
- ✓ Introduce innovative and unique practices by each department for the welfare and academic excellence of the students
- ✓ Keep the campus clean as part of the association activity
- ✓ Maintenance of garden and courts allotted to different departments.
  - Botany - Botanical garden
  - Chemistry - Rock Garden
  - Commerce - Handball court
  - Economics - Premises of Canteen
  - English - Volley ball court
  - Hindi - Rose Garden
  - Malayalam - Open Air stadium
  - Mathematics - Football stadium
  - Physics - Herbal Garden
  - Zoology - Salim Ali Park
- ✓ Through the media centre all programmes and information will be put on website.
- ✓ All programmes of the departments and associations should be launched online.
  - ✓ Publish manuscript magazines by all departments and publish selected works from manuscript magazines to the college magazine.

## PART B

### 1. The activities reflecting the goals and objectives of the Institution

#### a) Curricular activities

The college maintains consistent result of more than 90 percent in most of the courses. This year the college secured six ranks in the university.

#### Results of the University Examinations held in March - April 2008

Subject	No. appeared	Passed	I Class	II Class	III Class	Distinctions	percent age of pass	Rank
M.Sc. Statistics	15	15	10	-	-	5	100	
M.Sc. Chemistry	12	7	6	-	-	1	58.30	
M.Sc. Zoology	14	13	13	-	-		92.83	
M.A. Economics	16	15	14	1	-		94	
M.Com.	16	16	14	1	-	2	100	
M.A. Hindi	18	18	17	-	-	1	100	
M.A. Malayalam	19	11	11				58	
MCA	58	54	40	-	-	14	93	
BCA	19	4	4	-	-		21.05	
B.Sc. Mathematics	47	47	40	6	1		100	
B.Sc. Physics	26	23	20	3	-		88.46	III
B.Sc. Physics Voc.	9	2	2	-	-		22.22	
B.Sc. Chemistry	27	26	25	3	1		96.30	
B.Sc. Botany	33	30	22	6	2		90.91	
B.Sc. Zoology	21	19	13	5	1		90.48	
B.A. Economics	53	49	11	18	20		92.45	
B.Com.	68	64	47	15	2		94	
B.Com (Voc)	33	26	18	8	-		80	II,III
B.A. Hindi	32	29	10	10	9		90.63	I,II
B.A. Malayalam	35	35	18	7	10		100	I
B.A Comm. English	33	32	16	13	3		96.97	

### **Value addition programmes**

1. Dept. of Commerce
  - a. Add on Courses E-business, Insurance, Risk Management
  - b. Conducts certificate courses in basic computer awareness
  - c. Computerized accounting packages using Tally
  - d. Personality Development and Communication Skill
  - e. ICWA coaching classes
2. Dept. of English
  - a. Conducts interactive English course for students of all disciplines
  - b. Brings out a newspaper
3. Dept. of Malayalam
  - a. Organises Yoga classes
  - b. Sahrudaya Koottam on every Wednesdays
4. Dept. of Mathematics
  - c. Offers a Bridge Course of 30 hours duration for the Ist year students.
5. Dept. of Economics
  - a. Arranges Budget Evaluation as an interdisciplinary program soon after the budgets.
  - b. Micro industries training and workshops.
6. Physics Department
  - a. Add on Course in IT with UGC support.

### **b) Continuous Evaluation**

Two internal assessment examinations were conducted after having announced the dates sufficiently early with a common time table for all classes and with all teachers invigilating the examination. The first internal assessment was conducted from 23 September 2008 and the second was conducted from 12<sup>th</sup> December 2008. General body of PTA was held on 11<sup>th</sup> October 2008 to assess the progress of students immediately after the first internal assessment examination. Tutorial system is practised by all the departments.

### **c) Seminars / Workshops / Endowment lectures**

#### **D. Endowment lectures**

Two important endowment lectures of the college conducted during the year provided opportunities to interact with eminent scientists and intellectuals. The 18<sup>th</sup> Msgr. Thomas Nedumkallel Endowment Lecture was delivered on 30<sup>th</sup> January 2009 on “Education and Development in the Context of Globalisation” by Prof. V.N. Rajasekharan Pillai, Vice Chancellor, IGNOU. The Rev. Dr. Mathew Thottiyil Endowment lecture was delivered on 10<sup>th</sup> November 2008 by Dr. Deepthy Menon, Amrutha Institute of Science and Technology, Kochi. Both were equally invigorating and instructive.

## **D. Invited Talks**

### **Zoology**

I. Invited talk on “Environment, Economics and Climate change” by Dr. Michel Bealieu, Environment list from Canada on 9<sup>th</sup> January 2009 proved to be a discourse on the changing phases of the global climate.

### **Chemistry**

I. ‘Colour and constitution’ by Dr. Thomas Francis on 4<sup>th</sup> December 2008.

II. ‘Plastics and Environment - Problems and solutions’ by Josekutty J Ozhukayil on 11<sup>th</sup> February 2009 . The talks were relevant and provided the ground realities.

### **Economics**

I. ‘Indian Capital Market’ by Arun Kumar P.C ( Director, Fortitude Financial Studies) and Viral C Bhamma on 31<sup>st</sup> October 2008.

II. ‘Global Economic Crisis’ by Prof. George James (Former Principal, Nirmala College, Muvattupuzha.

III. ‘Foreign Institutional Investors and Indian Capital Market’ by Dr. Tomy Varghese (HOD, Dept. of Economics U. C College, Aluva) on 13<sup>th</sup> November 2008.

IV. ‘New Interview Techniques’ by Thomas Lazer Co-ordinator, Career Guidance and Placement Cell, Nirmala College, Muvattupuzha. on 13<sup>th</sup> and 20<sup>th</sup> November 2008.

### **Computer Science**

I “Data Warehousing and Mining” by Mr. K.P Balachandran, (Asst. Professor, M.E.S. college of Engineering, Kuttipuram) on 15<sup>th</sup> October 2008.

II. “Future Trends in IT” by Mr. Abdul Fasith P.M.( B-Soft, Kochi) on 16<sup>th</sup> February 2009.

### **Commerce**

I. “Prospects of Chartered Accountancy Profession” by Sri Sajeev A.C.A. (Chairman of the Cochin Chapter of Institute of Chartered Accountants of India) on 5<sup>th</sup> November 2008 was a scholarly discourse on Accountancy and other allied subjects.

### **Statistics**

I. “Normal approximation for the gamma distribution and application for the analysis of Environmental and exposure data” by Dr. Thomas Mathew (Professor, Dept. of Mathematics and Statistics, Maryland University, USA on 16<sup>th</sup> January 2009 was at once inspiring and edifying.



II. “Factors affecting the price of natural rubber” by Mr. Jom Jacob ( Senor Economist, Association on Natural Rubber Producing Counties, Malaysia) on 3<sup>rd</sup> February 2009. The talk dealt with recent problems facing the Kerala rubber industry and its future prospects.

### **Botany**

I. “Landscaping – Principles and Aesthetic Aspects” by Dr. Lissy Mathew ( Sel.Gr. Lect., Dept. of Botany, St. Teresas College, Ernakulam) on 7<sup>th</sup> October 2008 was delightful and contained a lot of practical aspects on the science of aesthetics.

### **English**

I. “History, Technical and practical aspects of Photography ”by Mr. Anoop Chandran (Professional Photographer) on 25<sup>th</sup> November 2008. The talk contained both the technical and picturesque aspects of photography as an art.

### **Hindi**

I “Journalism” by Sri. A.G.Babu (Freelance journalist ) on 31<sup>th</sup> October 2008 proved to be a brilliant portrayal of different types of journalism like Investigative and Feature writing. He concluded by saying that a drop of ink can make millions think.

The above programmes led to lively discussions and the students took good advantage of the meaningful discussions that followed the various talks.

### **D. Details of seminars/Workshops/Conferences organized by the Departments**

<b>Dept.</b>	<b>National / State level</b>	<b>Topic</b>	<b>Resource Person</b>	<b>Date</b>	<b>Spd. by</b>
Statistics	State level	Modern Applied Statistical Methods in Statistical Softwares	Dr. N.Unnikrishnan Nair (Former Vice Chancellor CUSAT), Prof. U.H Acharya (Prof. and Sr. specialist, SQC and OR unit, ISI Bangalore, Prof. Somanth Ray, Prof. ISI Bangalore, Prof. Balakrishnan N. (HOD. Department of statistics CUSAT), Prof. K.R . Muralidharan Nair (CUSAT)	24-26 th Feb. 2009	U.G.C
Economics	State level	Fiscal Crisis and Centre – State Relations	Sri. C.P John ( Former Member, State Planning Board), Dr. Martin Patrick, (Dept. of Economics, Maharajas College , Ernakulam), Dr. T.M. Joseph (Principal Newman College, Thodupuzha), Dr. K.P Mani (Johnmathai Centre Aranaattukara)	13-14 <sup>th</sup> February 2009	U.G.C

College	Regional Workshops	Grading at Undergraduate Level/ Restructuring Undergraduate Education.	Dr. Benny Joseph, Devamatha College Kuravilangad and Dr. P.K.Padma Kumar, N.S.S Hindu College Changanasery (External Resource Persons, Jose Karikunnel Nirmala College, Muvattupuzha (Internal Resource Person)	22 <sup>th</sup> Sept. 2008	Kerala State Higher Education Council
Zoology	State Level	Remote Sensing, GIS and Nature Conservation	T. Vijayakumaran Nair (Scientist, KFRI, Peechi), Dr. P.Haridhas, (President, India Vetiver Network)	28 <sup>th</sup> Nov. 2008	Nirmala College
Mathematics	State Level	Fuzzy Sets and Applications	Dr. K.V Thomas (Dept. of Mathematics, Bharath Matha College, Thrikkakari)	25 <sup>th</sup> November 2008	Nirmala College
Physics	College Level	Star Watching	Prf. P.S Sobhan( Sel. Gr. Lect. Maharajas College , Ernakulam)	5 <sup>th</sup> December 2008	Nirmala College
Physics, Chemistry, Botany & Zoology	College Level	Nano Technology and Applications in Biology	Dr. Shanthi A( Dept. of Photonics, CUSAT)	9 <sup>th</sup> Jan. 2009	Nirmala College
Chemistry	College Level	Technology of Paint Manufacture	M.A Thomas (M.Dand Chief Technical Manager, Colour India Paints and Inks Pvt. Ltd)	7 <sup>th</sup> Nov. 2008	Nirmala College
English	College Level	The process of News Broadcasting	Mr. M.S. Banesh (Sub. editor Kirali News)	21 <sup>th</sup> Aug. 2008.	Nirmala College
English	Intercollegiate Level	Personality development and communication skills	Dr. B.Anitha (Devasam Board College, Thalayolaparumbu	5 <sup>th</sup> Dec. 2008	Nirmala College
Hindi	National Level	Contemporary Hindi poetry	Dr. Madhav Singh Hada (Eminent writer and critic, Rajasthan )	14 <sup>th</sup> Oct. 2008	Nirmala College
Hindi	State Level	Dalit Literature	Dr. P.V. Vijayan (Dean CUSAT), Dr. Mohanan (HOD Dept. of Hindi, CUSAT) Dr. R. Sasidharan	25 <sup>th</sup> Oct. 2008	Bharathiya Sahitya

			(CUSAT)		Prathishtan, Cochin and Nirmala College.
Malayalam	State Level	Acting, Dialogue Makeup and Stage Settings in Cinema And Drama	Mr. P.Balachandran (Filim director and Actor), Mr. M.K.Chandrashekharan (Writer and editor)	18 <sup>th</sup> Nov. 2008	Nirmala College

**D. Details of seminars/Workshops/Conferences attended by faculty members in other institutions.**

Dept.	Name of faculty	International / National / State level	Sponsored by	Organised by	Date
Malayalam	Dr. Beenamma Mathew	National	UGC	D.B.College Thalayolapparambu	28-29 Sept.08
	Dr. Beenamma Mathew	National	UGC	U.C.College Aluva	30-Oct. & 1 <sup>st</sup> Nov. 2008
	Biji M.P	National	International centre for Kudiyyattam	International centre for Kudiyyattam, Tripunituara	12 <sup>th</sup> October 2008
	Biji M.P	National	UGC	U.C.College, Aluva	29-31 Jan. 2009
	Dr. Sanish P.B	State Level	UGC	D.B.College Thalayolaparambu	19-20 <sup>th</sup> February 2009
Physics	Dr. Thomas Varghese	State Level	IT Mission Kerala	Govt. H.S, Edappally Ernakulam	17-22 <sup>nd</sup> Sep. 2008
	E.V.Krishnan Namboothiri	State Level	Academy of Physics Teachers (APT)	S.B.College, Changanasery	
Chemistry	Ramachandran P.R	State Level	JNCASR & CSIR	FCB Trivandrum	13-15 th October 2008
	Dr. Thomas Francis	State Level	JNCASR & CSIR	FCB Trivandrum	13-15 th October 2008

	Dr. Thomas Francis	State Level	IT Mission Kerala	Govt. H.S Edappally, Ekm.	17-22 <sup>nd</sup> Sep. 2008
	Josekutty J Ozhukayil	National Level	Indian River net work	IIE, Kothrude, Pune	14-16 June 2008
	Josekutty J Ozhukayil	State Level	IT Mission	Govt. H.S Edappally, Ekm.	17-22 <sup>nd</sup> Sep. 2008
	Jose Karikunnel	State Level	Kerala State Higher Education Council	Regional Telecom Training centre, Kaimanam Trivandrum	27-28 Aug. 2008
	Jose Karikunnel	M.G.University Regional	NAAC & QAC, Government of Kerala	St. Teresa's College, Ernakulam	21 <sup>th</sup> March 2009
	Mercyamma Jacob	National Level	IISc Bangalore	St. Thomas College, Palai	10-11 April 2008
	Thresiamma George	National Level	I I Sc Bangalore	St. Thomas College, Palai	28-29 July 2008
	Thresiamma George	National Level	UGC	Dept. Chemistry, M.A College, Kothamangalam	12-14 <sup>th</sup> Nov. 2008
Zoology	Dr. Shaju Thomas	International Level	United Nation University- Institute of Advanced Studies, CBD Secretariat, United Nations.	Baguio City Philippines	12-14 <sup>th</sup> November 2008
	Dr. Shaju Thomas	National	Indian River Network	Wardha, Gujarat	16-18 <sup>th</sup> Feb.2008
Statistics	Dr. Seetha Lekshmi V	State Level	Dept. of Statistics M.A College Kothamangalam	M.A College, Kothamangalam	14 Nov.2008
	Dr. Mathachan Pathiyil	State Level	College	M.A College Kothmangalam	14 Nov.2008
	Dr. Mathachan Pathiyil	National Level	UGC	Nehru Arts & Science College, Kanjangad	12-14 <sup>th</sup> Feb. 2009
Commerce	Dr. Mohanan M.K	International Level	UGC	Dept. of Commerce Devamatha College Kuravilangad	11-12 <sup>th</sup> December 2008.

	Dr. Mohanan M.K	National Level	UGC	Dept. of Commerce M.A.College, Kothamangalam	30-31 <sup>th</sup> October 2008.
	N.Joy	State Level	I T Mission Kerala	Govt. H.S Edappally Ernakulam	17-22 <sup>nd</sup> Sep. 2008
	Dr. G.S. Gireesh Kumar	National Level	CUSAT	Cochin (Cusat)	3-4 <sup>th</sup> March 2008
	Dr. G.S. Gireesh Kumar	National Level	CUSAT	Dept. of Applied Economics	9 <sup>th</sup> June , 2008
	Dr. G.S. Gireesh Kumar	State Level	UGC	St. Xavier's College, Aluva	25-26 Sept. 2008
	Dr. G.S. Gireesh Kumar	State Level	UGC	M.A College, Kothmangalam	30-31 Oct. 2008
	Dr. G.S. Gireesh Kumar	International Level	UGC	Marthoma College, Perumbavoor	24 <sup>th</sup> Nov. 2008
	Dr. G.S. Gireesh Kumar		UGC & Pondichery Central University	Pondichery Central University	21-23 Jan. 2009
Computer Science	Sherry O.Panicker	National Level	M.G. University	School of Computer Science, M.G Uty.	12 Dec. 2008
	Ms. Smitha Anu Thomas	National Level	M.G. University	School of Computer Science, M.G. University, Kottayam	12 Dec. 2008
	Ms. Smitha Anu Thomas	National Conference	Viswajyothi College of Engineering and Technology, Vazhakulam	Viswajyothi College of Engineering and Technology, Vazhakulam	16 Jan. 2009
	Sherin Mathew G	National Conference	Rajagiri College of Social Sciences, Kalamachery	Rajagiri College of Social Sciences, Kalamachery	6-7Feb. 2009

#### **d) Annual Science, Art and IT exhibition**

**Glitter 2009**, the Annual Science and Arts Expo was held on 22<sup>nd</sup> January 2009 which made the College wear a festive look. Dr. M.G. Gracious, Principal, Viswajyothi College of Engineering and Technology, Vazhakulam inaugurated the exhibition. The exhibition provided an opportunity to our students to display their collection of paintings, drawings, cartoons, sculpture and antiques to the public. Further, this exhibition provided an opportunity to our students to develop their communication and organizational skills.

Students from neighbouring colleges and schools, and the public visited the stalls. The best individual, group and association were awarded certificates and cash prizes. For Hobby Collections, Jesna Mathews II K C, Elsy Mathew II C and Praveen R K III B won first, second and third prizes respectively. In Individual items category, Vishnu P.S. II PV, Lishmon P.S. III Z and Bineesh Babu III E bagged first, second and third prizes respectively. Best Stall Award was awarded by Economics and the second and third prizes were given to BCA and Malayalam respectively.

**Cameo'09**, the fifth IT fest was conducted on 30<sup>th</sup> & 31<sup>th</sup> of January 2009, by the Department of Computer Science. It was the most luminous jewel to be added to its crown. Cameo'09, the complete event on information technology enables the IT scholars to meet in a common place and showcase their talents in technology. As part of the event, an assortment of competitions like Coding, Web Designing, Word Hunt, IT Quiz, Gaming, Paper Presentation and Star of Cameo were arranged for the participants.

#### **e) Teacher Quality**

One faculty member namely Mr. M.K.Mohanan was awarded Ph.D. in Commerce from M.G.University and one faculty member viz Sri. Mathachan Pathiyil, has awarded Ph.D in Statistics from M.G University. Lt. Dr. V C James, faculty of Department of Hindi and ANO of NCC unit, was a Technical Official in the Third Commonwealth Youth Games 2008 held from 12-18 October 2008 at Pune, India.

#### **f) Publications**

##### *i) Articles*

#### **Physics**

1. **Sunny Joseph** "Fascinating morphologies of lead tungstate nanostructures by chimie dolle approach", Journal of Nanoparticle Research,(2008) Vol.10, 567-575

2. **Dr. Thomas Varghese** “Gama ray Crompton profiles of silver ”,Science and Society, January- June,2008,Vol:6(1),33-36.
3. **Dr. Thomas Varghese** “ Largest hadren collider”Joy of Physics January 2009, Vol.3

### **Chemistry**

1. **Dr. Thomas Francis** “The Reactions of 5- Substitutes - 2-Norbomenes with PhSeCl”, Australian Journals of Chemistry, March 2008,Vol.61, 283-287

### **Botany**

1. **Dr. Sr. Tessy Joseph** “A Pharmacognostic Study of the leaf of Enephantopus scaber linn” An antidysentric drug, Geobios(2008), Vol.35(1), 67-71.
2. **Dr. Sr. Tessy Joseph** “A Pharmacognostic Study of the leaf of Barringtonia acutangula (L) Gaertn- Linn. An Antidysentric drug used by some Tribes of Kerala” Science and Society,(2008),Vol.6 (1) 51-60

### **Statistics**

1. **Dr. Seethalekshmi V. and Jose K.K.** (2008) “Discrete Skew Laplace Processes” Int. J.Agricult.Stat.Sce. (JJASS)Vol. 4, No.2,PP 353-358.
2. **Dr. Seethalekshmi V and Jose K.K** (2009) “Discrete Laplace Processes Stochastic Modeling and Applications” (Accepted ).
3. **Dr. Seethalekshmi V, Mathachan Pathiyil and Jose K.K.**(2009) “Integer Valued skew Laplace processes and stress – strength Models” Science and Society, 2009,Vol.7(1) (Accepted).
4. **Dr. Johny Scaria** “On the Estimation of the parameter of Geometric distribution using Record values”Some Recent innovations in Statistics, A Publication of department of statistics, University of Kerala,(2008),PP.83-92.
5. **Dr. Johny Scaria** “ Concomitantis of order statistics from Generalized Morgenstem family” Stars International Journal , 2008,Vol.2 No.2, pp.153-162.
6. **Dr. Johny Scaria** “ Record values from Geometric Distribution and Associated inference” Stars International Journals, 2008, Vol.2,No.2, , pp.163-174.
7. **Dr. Johny Scaria** “General Properties and concomitants of Morgenstem Bivariate Gamma Distribution and Their Application in Estimation” STATISTICS, International Journal Germany, Accepted for Publication.
8. **Dr. Johny Scaria** “Daiva Viswasam + Atma Viswasam = Jeevitha Vijayam” Campus Light, In house publications, Nirmala College Muvattupuzha.

9. **Dr. Mathachan Pathiyil** “On the estimation of the parameter of Geometric distribution using Record Values” *Some Recent Innovations in Statistics*, (2008), 83-92.
10. **Dr. Mathachan Pathiyil** “Record values of Geometric distribution and Associated Inference” *Stars international journal ( Science)*, (2008) Vol. 2, No.2, 163-174.
11. **Dr. Mathachan Pathiyil** “ Discrete Laplace processes and stress ” Accepted in *Science and Society*(2009), Vol. 7(1), Accepted for publication.

### **Commerce**

1. **Dr. G.S. Gireesh Kumar** “ Demographic Transition in India- Impact and Implications” *Science and Society*, January – June 2008, Vol.6, No. 1, 97-100.
2. **Dr. G.S. Gireesh Kumar** “ Customer Perceptions on Life Insurance Services – A Comparative Study of Public and Private Sectors” *Insurance Chronicle*, June (2008), 65-74.
3. **Dr. G.S. Gireesh Kumar** “Impact of SHG- Bank Linkage Programme on Micro Enterprise Development and Employment Creation of Rural Poor in Kerala ” *Micro Finance Performance Evaluation and Enterprise Development*, Pondichery, India, (2009), 341-349.
3. **Dr. G.S. Gireesh Kumar** “ Value Added Tax – Towards Universal Indirect Tax System” *Impact of Value Added Tax on Indian Economy - Proceedings of UGC Sponsored National Seminar*, Marthoma College, Perumbavoor (2009) Page 58-73.

### **Hindi**

1. **Dr. Suja C.** ‘Swathanthratha Ki Parikalpana’ in a book named *Swathanthratha Aur Sahitya*
2. **Dr. Suja C.** ‘Satha Ki Sajish Ka Bayan’ in a book named *Hindi Kahani Ke Sou Varsh*”

### **ii). Books**

#### **Malayalam**

1. **Dr. Beenamma Mathew** “Kavum Paristhithiyum” published by U.C College, Aluva history department, (2009)

### **Commerce**

1. **Dr. G.S. Gireesh Kumar** “ Impact of Value Added Tax on Indian Economy” *Proceedings of UGC Sponsored Regional Seminar held on 24<sup>th</sup> November 2008 Dept. of Commerce*, Marthoma College for Women Perumbavoor (Edited).



## *ii). Presentations*

### **Malayalam**

1. **Dr. Beenamma Mathew** “Kavum Paristhithiyum” UGC Sponsored National Seminar, Organised by U.C. College(History Dept.) Aluva, 1.11.2008

### **Chemistry**

1. **Josekutty J Ozhukayil** “ Muvattupuzha River System -The Challenges and Problems” Sponsored by Indian River Network, Conducted at St. Alberts College, Ernakulam, 17-18 th October 2008.

### **Zoology**

1. **Dr. Shaju Thomas** “Reducing Emissions from Deforestation and Forest Degradation (REDD)”on Indigenous and Local Communities – an Indian perspective. Sponsored by United Nation University- Institute of Advanced Studies( UNU/IAS), Conducted at Baguio City Pilippines on 12-14 November 2008.
2. **Dr. Shaju Thomas** “ Environmental Problems of Muvattupuzha River” Sponsored by Indian River Network, Conducted at Wardh Gujarath on 16-18 Feb. 2008

### **Botany**

1. **Dr. Sr. Tessy Joseph** “A Pharmacognostic Study of the leaf of Barringtonia acutangula (L) Gaertn – An Antidysentric Drug used by some Tribes of Kerala”, in the national Conference Dhishana 2008,on Stream Lining India’s Traditional Knowledge towards formulation a suig generic regime Conducted at Ragiv Gandhi centre, on 23- 25<sup>th</sup> May 2008.
2. **Dr. Sr. Tessy Joseph** “A Pharmacogenistic Study of the leaf of An Antidysentric Drug – Diospyros Peregrina Gaertn - used by some tribes of Kerala”, National Seminar Sponsored by UGC, Conducted at M.A College Kothamangalam, on 21-22 th Jan. 2009

### **Commerce**

1. **Dr. Mohanan M.K** “Corporate Social responsibility and challenges” International Seminar Sponsored by UGC, Conducted at Devamatha College Kuravilangad, on 11-12 December 2008.
2. **Dr. G.S. Gireesh Kumar** “The Role of HCs in Providing Affordable Housing (contributed)” Sponsored by CUSAT, Conducted at Cochin, on 3-4thMarch 2008.
3. **Dr. G.S. Gireesh Kumar** “ Financial Inclusion - Challenges Ahead (contributed), Sponsored by CUSAT, Conducted by Dept. of Applied economics, on 9<sup>th</sup> June 2008.

4. **Dr. G.S. Gireesh Kumar** “ Impact of Self Help Group - Bank Linkage on Loan Accessibility of Rural Poor in Kerala, National Seminar Sponsored by UGC, Conducted at St. Xavier’s College, Aluva, on 25-26<sup>th</sup> Sept.2008.
5. **Dr. G.S. Gireesh Kumar** “ Impact of SHG Bank Linkage Programme on Loan accessibility and Employment Creation of Rural Poor in Kerala ”,National Seminar Sponsored by UGC, Conducted at M.A College, Kothamangalam,on 30-31st Oct. 2008.
6. **Dr. G.S. Gireesh Kumar**“ Kudumbashree - Emerging Avenues” National Seminar Sponsored by UGC, Conducted at M.A College, Kothamangalam,on 30-31st Oct. 2008.
7. **Dr. G.S. Gireesh Kumar** “ Value Added Tax- Nature and Methods” National Seminar Sponsored by UGC, Conducted at Marthoma College, Perumbavoor, on 24<sup>th</sup> Nov. 2008.
8. **Dr. G.S. Gireesh Kumar** “ Impact of SHG-Bank Linkage Programme on Micro Enterprise Development and Employment Creation of Rural Poor in Kerala” International Seminar Sponsored by UGC & Pondichery Central University, Conducted at Pondichery Central University, on 21-23 Jan. 2009.

#### **Economics**

1. **Lizamma Abraham K** “ Impact of Migration on Kerala Economy” at Morning Star Home science College, Angamaly on 26<sup>th</sup> August 2008.

#### **g) Co-curricular and extras curricular activities**

##### **College Union**

The College Union elections were held peacefully on 5<sup>th</sup> September 2008 under the parliamentary system. The following members were elected to the College Union Executive.

- |                     |                       |
|---------------------|-----------------------|
| 1. Abid Ali K. A.   | : Chairman            |
| 2. Alphonsa K. Joy  | : Vice Chairman       |
| 3. Shiyas O. Kareem | : General Secretary   |
| 4. Arunjith R. Nair | : Editor              |
| 5. Febin K.P.       | : Arts Club Secretary |
| 6. Jaison Joseph    | : UUC                 |
| 7. Bijo T. Mathew   | : UUC                 |

This year the college union was vibrant and took initiative in organizing a number of cultural functions and competitions department wise. The winners were awarded prizes during Talent day.

## CSM

Inauguration of activities of the year was held on 18<sup>th</sup> August 2008 by His Grace Rt. Rev. Abraham Mar Julios, Bishop of Muvattupuzha. The Retreat conducted for the students of second year and third year was from 18<sup>th</sup> to 20<sup>th</sup> July 2008 led by Sri. Elvis Kottooran, famous youth retreat preacher. The retreat conducted for the Ist year students was led by Sri. Vino Memuri and team which was held from 22<sup>nd</sup> to 24<sup>th</sup> August 2008. The regular prayer meetings held on Wednesdays was a programme co-ordinated by CSM for the spiritual welfare of the students. A ten day rosary devotion was conducted at Nirmala Matha Church under the leadership of CSM in the month of October. Also on the first Friday of every month, Holy Mass was offered in the Church. The CSM volunteers took fasting on Fridays and they collected lunch packs offered by students and distributed among the inmates of an oldage home and an orphanage nearby. This year also CSM volunteers organized a stall in the Annual Exhibition of the College with the help of ProLife Movement, Jesus Youth which projected Christ's Gospel values and rendered a positive conviction against abortion and other social evils.

The Nirmala Day and Christmas with crib was celebrated in the College under the leadership of CSM. Rev. Fr. Kurian Puthenparambil, CMI delivered the Christmas message. In the Carole song competition, Dept. of Zoology won the first prize and 2<sup>nd</sup> and 3<sup>rd</sup> prizes were bagged by Depts of English and Malayalam respectively. The prestigious Intercollegiate competition –Rev. Dr. John Vallamattam Debate on 20-10-2008. Alphonsa College Pala bagged first prize and UC College Aluva came second. Jotsana George of Newman College Thodupuzha was selected as the Best Debator and Jose Kuriakose of UC College Aluva was the second best. A spiritual follow up programme 'Elroy 2008' led by Sri. Elvis Kottooran was held from 21<sup>st</sup> to 22<sup>nd</sup> November 2008. 101 students participated. Fifteen students participated in the 'Campus Meet' held at Newman College, Thodupuzha. Our two volunteer participated in the CSM leaders training programme held at St. Thomas Apostolic Seminary, Vadavathoor and four volunteers attended in the intercollegiate Jesus Youth leader camp held at St. Teresa's College, Ernakulam. Two volunteers participated in the leaders training programme 'Power Teens' held at Madras. We published our manuscript magazine this year also which was named after 'the Fire'. The 'Vachanavarsham' was concluded in our college by a series of talks by Rev. Fr. Kuriakose Kachiramattam, Rev. Fr. James Kakkuzhi and Rev. Sr. Lissy Vadakkel FCC.

Abin Paul, III K and Anet Thomas, III BCA were selected as the President and Secretary respectively. Gordy George, II L and Anjalimol Sebastian, II C were selected as the Vice President and Joint Secretary respectively. Rev. Sr. Celine George was the Co-ordinator.

## **Xavier Board**

The following were the activities of Xavier Board, Nirmala College unit:

1. To project Christ and His gospel values, Bible verses are regularly put up on the special Notice board installed in the Principal's office.
2. Smt. Sophy Thomas, Sri. Jose Augustine and Sr. Noel Rose participated in a Two day colloquium on Faith and youth formation: Catholic response to contemporary challenges on November 28 & 29, 2008 at Ashirbhavan, Kacheripady, Ernakulam. The colloquium was organized by Xavier Board of Higher Education, Kerala North and South Regions.
3. Xavier Board took initiative to grant an amount of Rs. 1000/- to a meritorious student who is not able to receive any scholarship from any other sources. Ms. Siji Antony of II MSc Statistics a poor catholic student was benefited by this.
4. Initiated candle light procession on Nirmala Day, December 8, 2008.
5. Xavier Board initiated an effort to impart Gospel values to students and staff members. As part of this attempt an eight day class was organized during the second week of January 2009. Rev. Sr. Alice Prasanna, Sr. Celine George, Sr. Noel Rose, Ms. Sophy Thomas, Ms. Jessy John and Smt. Valsa P.J. from the teaching faculty handled the classes. Last two sessions were moderated by Sri. Mathew Sebastian (Counselling cell) and Rev. Sr. Lissy Vadakkal FCC. They explained the importance of Christian values and word of God in the life of all especially the youth. The talk was in very simple and thought provoking. It was very interactive and useful as many participants willingly clarified many of the issues related to the real life situation.
6. As part of National level essay competition organized by Xavier Board of Higher Education in India every year, Nirmala College unit conducted the same on College level. Five students took part in the competition and the list of selected students were directed to Xavier Board office, Bangalore on 9/1/09. Tony Sabu Paul IK, Dhanya Thomas II M and Vivek V.P. are the toppers in the college level. The theme for the essay was "Communal Harmony for National Development".
7. The third annual issue of 'Campus Light', the publication of Xavier Board, Nirmala College unit was released on 19.2.2009, in the annual day ceremony of the college. Dr. Edward Edezhathu, Lecturer, St. Albert's College, Ernakulam received the copy from the

Principal. Campus light consists of articles of spiritually and morally upright ideas presented by the Nirmala fraternity.

### **Entrepreneurship Development Club**

Entrepreneurship Development Club is a scheme of the Department of Industries and Commerce, Govt. of Kerala to inculcate entrepreneurship culture and entrepreneurial talents among students in colleges and schools.

Sri. M.K. Mohanan, Dept. of Commerce is the co-ordinator of Entrepreneurship Development Club. 104 Students from various disciplines were enrolled as new members of the club during the year 2008-09.

The club organized a seminar on "Innovative Banking" on 21<sup>th</sup> October 2008. Sri Joseph Benny, Chief Manger, The Federal Bank Ltd., Muvattupuzha had delivered the keynote address and shared his experience with the members of the club. Sri Ramachandran K.R., Field Officer, Muvattupuzha Taluk Industries Office took class on "The Present Industrial Scenario of Kerala". **A workshop on Training on Cloth Printing** was conducted, in association with Women Cell of Nirmala College for two days. A training team of 5 members, headed by Sri Raju V.P. , Co-ordinator of ED Club and Faculty of Department of Commerce, Pavanatma College, Murickassery provided training on powder printing, glass printing, pearl colour effect printing, glitter powder printing, emboss/3D effect printing etc.

### **Women's cell**

Dr. Lissi Jose, HOD, Dept. of Social work, Eldo Mar Baseliouse College, Kothamangalam formally inaugurated the activities of the women cell on 6 October. On Nov. 5<sup>th</sup> Women's Cell organized the prestigious interdepartmental dance competition. Economics Association bagged the first prize and English and Commerce Departments followed suit.

Women's Cell in collaboration with MSME, Trichur offered Level I Course on beauty therapy to 22 girl students of the College. Mr. M. Selvaraj, Assistant Director, Khadi Commission, Mr. Thomas Mathew Parackel, Freelance Journalist, Mr. Persy Joseph, Manager, Union Bank, Mr. Biju P. Abraham, Asst. Director, DIC, Cochin and Ms. Priya Francis of Maria Beauty Parlour Muvattupuzha were some of the celebrities who handled the classes.

### **Nature Club**

The Nature Club in collaboration with NSS, Nirmala College unit organized a Nature Camp from 28<sup>th</sup> to 30<sup>th</sup> January 2009 at Idukki WLS. Several club members attended the camp. It was a good learning experience to the participants.

### **Folklore Club**

Every year Nirmala Folklore Club organized discourse and seminars to enquire into the subtle elements of Culture; we believe that culture is the product of immediate concerns of the people who originate it. And every region generates its ethos, aesthetics, fables stories, Poetry and Folklore.

This year, folklore club conducted a discourse on 'Folk theatre in Kerala'. Mr. P. Balachandran –script writer, play writer and actor delivered a lecture on the topic. Folk theatrical influence in social life of Kerala received wider attention throughout the discourse.

### **Film and Dramatic Club**

Film and Dramatic Club organised a two days International Film Festival from 16th -17 Jan. 2009. Sri. M.G. Sasi, Film Director ('Adayalungal' fame) inaugurated the fest. Iranian, Korean and German films were screened. An Exhibition of books on films were also conducted.

An interdepartmental drama competition was organised on 12th Jan. 2009. Dept. of English bagged the I prize and Dept. of Economics, Mathematics won the II and III prizes respectively. The prizes were distributed by Prof. M.J. Jacob, Member, Agricultural Debt Commission, Govt. of Kerala.

### **Varnasala**

Varnasala conducted an Awareness Cartoon exhibition in the College auditorium on 28<sup>th</sup> January 2009. The 300 cartoons exhibited were drawn by the famous cartoonist Sri. Missy Kothamangalam which depicted the bad effects of Smoking, Alcohol consumption, Drugs and AIDS. Varnasala participated in the Annual Exhibition of the College-Glitter 2009- with paintings and drawings of students.

### **Quiz club**

The quiz club of Nirmala College has been very active since its inception. The club aims at discovering the gifted brains of Nirmala. Quiz club carried out its splendid and vibrant activities successfully in this academic year also, through conducting a lot of

competitions in the college and sending the students to various competitions held outside the college. Students also participated in online quizzes.

This year Mr. Armstrong Sebastian, Dept. of English and Mr. Soni Sebastian T, H.O.D. of Mathematics gave their entire support for the activities of the quiz club. Jestin Joseph and Akhil Prabhu (II M) secured several prizes in the intercollegiate Quiz competitions held at various colleges. They Secured I Prize in zonal and II prize in all Kerala level, quiz competition organized by CUSAT Old Students Forum. They also secured I prize in U. S Nair Quiz competition and I prize in Prof. Ramakrishna Pillai memorial Statistics quiz held at St. Thomas College Pala. Dhanya Thomas I M won I prize in English elocution. Ajith S Nair and Sneha V. R secured II Prize in the quiz competition organized by the National Sample Survey Organization, held at St. Thomas College Pala. Ajith S Nair, and Ancy Mamachan secured III Prize in the quiz competition organized by Institute of Management in Government on the 'Right of Information act'. Tony Sabu Paul II K and Arun K Prabhakar II KC participated in Commerce Quiz held at St. Thomas College Pala on 4th Nov 2008.

Anjuraj K.R. and Reshma K.S participated in Botany Quiz at Devamatha College Kuravilangad on 28th Nov 2008. Arun K Prabhakar II KC and Tony Sabu Paul II K. participated in intercollegiate Quiz at the College or applied sciences, Thodupuzha on 28th Nov 2008. On 21<sup>st</sup> Nov. 2008 Anton Augustine II M and Jestine Joseph II M participated in Mathematics Quiz at Devamatha College Kuravilangad. On 2nd Dec 2008 Anja1y P P IX L and Ashamol S IV L participated in Malayalam Quiz at S.B. College Changanassery. On 8th Jan 2009 Tony Sabu Paul II K and Arun K Prabhakar II KC participated in Commerce Quiz at Santhigiri College of Computer Science, Vazhithala. . Praveen R.K. III B and Noupchal V Muhammed III B participated in Botany Quiz at S.H. College Thevara on 23rd Jan 2009.

### **Significant achievements**

1. Ancy Mamachan and Shabana Basheer secured First prize in the preliminary round of the quiz competition by OSDAMS, CUSAT Cochin.
2. Preethy John and Vidya S secured First prize and Prof. K. Ramakrishna Pillai memorial Ever Rolling Trophy in the All Kerala Inter Collegiate quiz competition in Statistics, held at St. Thomas College, Pala.
3. Ajith S. Nair and Ashly Jacob secured Second prize in the All Kerala Inter Collegiate quiz competition in Statistics, held at St. Thomas College, Pala.

4. Ancy Mamachan and Shabana Basheer secured Second prize in the Final round of the All Kerala Statistics quiz competition organized by OSDAMS, CUSAT Cochin.
5. Preethy John and Shabana Basheer secured First prize in the Dr. U.S. Nair Memorial Statistics Quiz (M.G. Uty. Region), organized by the Kerala Statistical Association held at Nirmala College, Muvattupuzha on 2<sup>nd</sup> February 2008.
6. Preethy John and Shabana Basheer secured First prize and ever rolling trophy in the Dr. U.S. Nair Memorial Statistics Quiz (All Kerala), organized by the Kerala Statistical Association.
7. Arun K Prabhakar (I K C ) won the II Prize in the Intercollegiate Business Quiz Competition held at Deva Matha College Kuravilangad
8. Arun K Prabhakar (I K C ) won the III Prize in the Intercollegiate Business Quiz Competition held at St. Thomas College Trissur
9. Ajith Kumar M ( II K C ), Basil Thankachan(II K C) won the II Prize Intercollegiate General Quiz Competition held at Mahatma Gandhi University, Kottayam.

### **Music club**

The activities of the club started in the first week of November with the popular programme : 'Monday Melody' The music contest was conducted in five rounds and the all-round performance was tested with different types of songs. After a tight competition, Sri. Praveen V. Dev and Kum. Reshma Ravi were declared winners. This year our club members were given an opportunity to sing in Kairali Channel. Our students proved their talents abundantly.

### **h) Value education**

Value Education Classes were conducted during the first hour on Wednesdays. Discussion papers were prepared and distributed in advance to the faculty members. An essay competition was conducted towards the end of value education classes and the topper were awarded prizes. Three day retreats for all batches were arranged for Christian students, while non-Christians were given moral education classes which proved to be beneficial to the entire student body.

## **2. New Academic Programmes initiated**

The department of Commerce started Intermediate Course in ICWAI.

Many departments continued the practice of providing computer training to the students in collaboration with the Nirmala Computer Academy. The department of Commerce also



provide computer training to the students availing the facility of the computer lab of the department.

In addition, wide programme options are given for all round development of students. This is done without interrupting the timing of the regular classes.

1. Coaching classes for competitive exams and for entry in service for advanced learners.
2. Career guidance classes, orientation programmes and interdisciplinary seminar sessions are arranged.
3. Remedial coaching classes are provided to slow learners.
4. Yoga classes are conducted in the morning
5. Foundation course in ICWAI, Tally, Personality Development, and Computer Awareness Course by Department of Commerce.
6. Special coaching is given to PG students for UGC/CSIR test.

UGC/CSIR Coaching programme conducted by Nirmala Institute of Competitive Studies is open to all the Postgraduate students of the college. Under the programme training was given students for all three papers of UGC and CSIR test during 2008-09. Coaching for paper I of UGC/CSIR was provided at the college level. It began with orientation classes conducted separately for UGC/CSIR aspirants. This was followed by classes by experts for different modules of Paper I. These classes were conducted during Saturdays and other holidays. Coaching classes for Paper II and III were provided at the department level under the initiative of department level faculty co-ordinators.

### **3. Innovations in curriculum design and transactions**

Although the university designs the syllabus the departments take effective steps for the best transaction by proper teaching plan, earnest execution and timely evaluation. At the beginning of the academic year staff meeting is held to prepare curriculum plans. Department level staff meetings are held to discuss the improvements to be made in teaching and learning. An yearly evaluation is conducted to evaluate the performance of all departments. Faculty members of the all department participated in one day workshop “Restructuring of undergraduate education and Semesterisation and Grading in undergraduate education” organized by the college. Assignment, seminars, and internal exams as part of continue evaluations were conducted. Students of Communicative English with the earnest guidance of the teachers, applied their know how to bring out a model newspaper, and their maiden venture,

The Lead, and its Malayalam edition Vagdhvani were released by the principal on 6, February in connection with the Talent Day programmes. Department of Botany offers to the students in Bonsai making, Flower arranging and Vegetable carving, food preservation, mushroom cultivation etc. The students can make a career of any of these or all depending on their aptitude. Also these branches of Horticulture are gaining importance day by day. One faculty member was the university level coordinator for designing and developing the Syllabi of the UGC sponsored add-on programmes in Commerce.

The career oriented add on course like e - business, Insurance and Risk Management and Port Folio Management and interdisciplinary certificate courses help students to acquire additional skills and offer immense potentialities for self employment thereby contributing to national development.

#### **Academic Review and Performance Evaluation**

Internal academic audit for the current academic year was conducted in February 2008 by the IQAC.

#### **4. Interdisciplinary Programmes started**

The department of physics started an interdisciplinary UGC sponsored add on course on Information Technology. Scifest a joint venture of science students of Nirmala College was celebrated with science lectures and various cultural activities of participating departments. The department of Commerce started Intermediate Course in ICWAI. Interdisciplinary certificate courses in personality development and communication skills, Computerised accounting using Tally, Foundation course in ICWAI, Beauty Culture were continued. Department of English conducted interactive English course for students of all disciplines. The activities of dramatic club, Women Cell, ED Club, Tourism Club film club, Youth Red Cross, Varnasala and folklore club are inter-disciplinary and are conducted as a collaborative effort of all departments of the college.

The department of Malayalam arranged Yoga classes as part of integral development aimed by the college. The department of Economics continued the interdisciplinary programme SAP (Social awareness programme).

The annual Science exhibition conducted on 22<sup>nd</sup> January 2009 provides an opportunity for all departments to share and exhibit achievements in Science and technology.

## 5. Examination reforms implemented

Being an affiliated college we follow the guidelines and procedures framed by the Mahatma Gandhi University for conducting exams. However, remaining within the limits we attempt to introduce reforms.

In addition to the internal examinations at the college level, many departments conducted mid term examinations, regular test papers and model examinations. Teachers of various departments participated in the workshops for model question preparation for theory and practical at UG and PG level. In the department of Economics at the beginning of each course a timetable for weekly test papers is prepared. Many departments conducts a post admission test (PAT) for the first year degree students in the beginning of the course in order to evaluate and understand the students. Field visits, laboratory visits, industry visits and the reports prepared on these visits are also considered for University exam. Continuous evaluation of a student is the aim of measures taken in regard to the exams.

## 6. Number of candidates qualified NET/SET

Number of candidates qualified NET – 4

Number of candidates qualified SET – Nil

## 7. Total number of seminars/workshops conducted

Number of seminars conducted – 9

Number of workshops conducted – 3

## 8 Research projects(On going)

Name of the Faculty	Funding Agency	Amount (Rs)	Nature	Topic
Rev. Dr. T.M George	UGC	8,39,700	Major	Impact of the Economic status of the students on their value formations in higher educational institutions.
Dr. Seelia Thomas P	UGC	3,97,400	Major	Language and Literature of Mannans in Kerala –A Study of their Culture
Dr. Benamma Mathew	UGC	4,40,600	Major	Portrail of Dalit life in Malayalam Novels
Emmanuel Thomas	UGC	30,000	Minor	Human Development Index of Dalits in Kerala- A Case Study of Idukki District.

Dr. Jacob T M	UGC	85,000	Minor	Application of Common Principal Components to the Application of Human Development Index.
Dr. Mathachan Pathiyil	UGC	40,000	Minor	Record values from exponential and geometric distributions and associated inference.
J Georgi Neernal	UGC	30,000	Minor	“Implication of Ageing and the Socio-Economic impact of the old aged on Kerala Economy. A micro level study in Iduki and Ernakulam district of Kerala”
Lizamma Abraham K	UGC	25,000	Minor	“Socio- Economic problems of Hill Tribes of Kerala.”
Thomas Varghese	UGC	75,000	Minor	“ Studies on Gamma Ray Compton profiles of some High Z elements”

### Ongoing Research Scholars

#### Part Time

Sl. No	Name	Department
1	Leena John	Botany
2	Sunny Joseph	Physics
3	J Georgi Neernal	Economics
4	Emmanuel Thomas	Economics
5	Joy Joseph	Politics
6	Jenny K Alex	Economics
7	Thresiamma George	Chemistry
8	Jose Augustine	English
9	Amstrong Sebastian	English
10	Rani Mathew	English
11	Fr. Vincent Joseph	Malayalam
12	Josekutty J Ozhukayil	Chemistry
13	Vincent George	Malayalam
14	Saji Joseph	Mathematics

9. **Patents generated if any** : Nil

## 10. **New Collaborative research programmes**

### **Statistics**

- The Department collaborates with St. George Cardio Centre, Parumala, for the research study on ‘Minimal Extracorporeal Circulation versus Conventional Extracorporeal Circulation on Postoperative outcome of Coronary Artery Bypass Grafting.
- The Department collaborates with ESADE Business Scholl, Barcelona, Spain for the study on ‘Social Development and Economic progress in Kerala after Peoples planning Program’.

### **Zoology**

- Department collaborate with LSGs for environmental education, environmental problem solving and community education.
- Collaborate with centre for Diversity Studies(CDiS) for nature conservation and environmental education activities.

### **Chemistry**

- The Department collaborates with Colour India Paints & Inks Pvt. Ltd, Alwaye for technology development.
- The Department has carried out a Project funded by CEDNEAC on ‘ Awareness and action on Environmental Issues – Plastic Eradication’ in association with Muvattupuzha Municipality and Rotary Club, Muvattupuzha.

### **Commerce**

- The Department collaborates with Industries Department, Govt. of Kerala to organize entrepreneurial development activities among the students in the college
- The Department collaborates with Kottancherril Pharmaceuticals to market their herbal ayurvedic medicines.
- The Department has entered into a tie-up with The Institute of Cost and Works Accountants of India Cochin Chapter to offer coaching for the Intermediate and Foundation Courses of ICWAI
- The Department collaborates with Rajagiri College of Social Sciences to conduct Personality Development programs in the college

## Computer Science

A consortium of seven colleges was formed for the placement activities of MCA students on March 25, 2006. The aim of the consortium is to achieve maximum number of placements for its candidates. The selective body of the Consortium will be in constant contact with various companies to reach the goal. It may visit IT centers in Bangalore, Chennai, Hyderabad, Pune, and Bombay etc. and urge them to recruit candidates from our Consortium. The Consortium will seek the help of Companies to conduct training programs for the benefit of the candidates. Utmost care will be taken by every Institute to prepare its candidates for the Aptitude Tests, GD, Presentation, and Interviews etc. The department has a vibrant group of aspirants with Mr. Sherin Mathew G as Staff Coordinator heading the placement cell. Our students were successful in acquiring placements in prestigious and renowned IT companies both in and out of Kerala.

**11. Total research grant received from various Agencies** : Rs. 5,16,500

**12. Number of Research Scholars** : 54

**13. Citation index of faculty members and impact factor** :

Sl.No	Name	Eigenfactor (E F)	Article Influence
1	Sunny Joseph	71.20	75.00
2	Dr. Thomas Francis	80.00	63.10
3	Dr. Sr. Tessy Joseph	50.00	46.5
4	Dr. Seethalekshmi V	84.90	89.00
5	Dr. Johny Scaria	35.00	39.10

## 14. Honours and Awards to the Faculty

One faculty member namely Sri. M.K.Mohanan was awarded Ph.D. in Commerce from M.G. University and one faculty member viz Sri. Mathachan Pathiyil, has awarded Ph.D from Mahatma Gandhi University. Lt.Dr. V.C James, faculty member of Department of Hindi and ANO of NCC unit, was a Technical Official in the Third Common Wealth Youth Games 2008

held from 12-18 October 2008 at Pune, India. Dr. Shaju Thomas, Reader, Dept. of Zoology was a delegate for an international seminar sponsored by United Nation University- Institute of Advanced Studies (UNU/IAS), conducted at Baguio city Philippines on 12-14 November 2008.

#### 15. **Internal Resources generated**

Internal resources to the tune of Rs. 5,00,000 has been mobilised by the college from parents and benefactors for the installation of a 64 KW Generator in the campus.

#### 16. **Details of Departments getting SAP, COSIST/DST, FIST etc.**

**assistance/ recognition** : Nil

#### 17. **Community Services/ Extension Activities**

Community oriented programmes of the college implemented through the activities of various clubs and forums and academic departments. Most of the students were active members of NSS and NCC. Students and faculty members contributed generously for the needy students and their family members. Students wholeheartedly contribute to the “one day meal programme” by the CSM. Dr. Shaju Thomas is a consultant to the Muvattupuzha Municipality on matters related to environmental education and solid waste management. He is the vice president of the state level committee for the “Celebration of International Year of Science (YOS) 2009. An Environmental Awareness & Plastic Waste Eradication” programme was organised by the Department of Chemistry under the sponsorship of CED, Trivandram. The programme was implemented in ward 10 and 12 of Muvattupuzha Municipality, with the help of students of chemistry and NSS volunteers of the college. Sr. Tessa Joseph in the capacity of the programme Officer, National Service Scheme has organised two mini camps, one ten day camp and an intercollegiate camp in the college. The students participated in cleaning the campus and in the construction of road in a rural area at Naliyani, Idukki district and community awareness programmes.

##### **NSS (National Service Scheme)**

The activities of the NSS were inaugurated on the 17<sup>th</sup> October 2008. The **first Mini Camp** was inaugurated by Ms. Shali Jain, Avoly Panchayat President. The activities included cleaning of the KSRTC bus stand, beautifying the Municipal Park, cleaning of the College premises. They also conducted a ‘**Cleanliness Awareness Rally**’ from the College to Muvattupuzha town. ‘Ripples’-the **intercollegiate camp** was inaugurated by Dr. N.R. Gramaprakash, Registrar, Kerala Kalamandalm, Deemed University. It was attended by volunteers from 45 colleges. The camp activities included theatrical performances which

brought out the latent talents of the students. Other themes were mental health and stress management. The **second Mini camp** was held from 7<sup>th</sup> to 9<sup>th</sup> November 2008.

The **Special camp** organized from 19<sup>th</sup> to 26<sup>th</sup> December 2008 was held at Velliamattam, Idukki which was inaugurated by Mr. N.V. Varkey Nirappel, President, Velliamattam Grama Panchayat. Celebrity speakers included Sri. P.J. Joseph MLA, Sri. K. Francis George MP and Smt. Sheela Stephen (Former Dist. Panchayat President, Idukki). The varied activities included construction of rural roads (Naliyani-Kulamavu) and socio-economic survey in wards 8 and 9 of Velliamattam Panchayat. Students actively participated in the **AIDS Day observation** conducted on 1<sup>st</sup> December 2008 by distributing pamphlets and displaying banners and posters. We deputed volunteers to participate camps held at MA College, Kothamangalam, DB College, Thalayolaparambu, Newman College, Thodupuzha and U.C College, Aluva. We bagged II prize in the intercollegiate patriotic song competition held at Newman College, Thodupuzha.

By way of monetary help we donated Rs. 3500/- for a bye pass surgery and Rs. 25,500/- for cancer treatment. We also donated Rs. 10,076/- to the Pain and Palliative Care Clinic, St. George's Hospital, Vazhakulam. Towards the repairing of two houses of our needy students we donated Rs. 10,000/-.

A Nature Camp was organized in collaboration with Nature club of the college from 28 to 30 January 2009 at Vellappara, Idukki. 34 students participated. Eighty students participated in the Plastic and Solid waste Cleaning campaign at Randarkara jointly organized by our NSS unit and Muvattupuzha Municipality on 9<sup>th</sup> February 2009. A blood group identification camp was conducted the collaboration with Blood donation club on 17<sup>th</sup> February 2009.

### **NCC (National Cadet Corps)**

The NCC activities of the year began in the month of May 2008. 45 cadets of our unit participated in the CAWATC at Thodupuzha. Cadet Sreenath K P was appointed Senior Under Officer and sergeants Basil Jose, Anton Augustine, Sreekanth P R, Ashly Jose and Viji were appointed as Under Officers. The formal inauguration of the NCC activities of the year was held on 21/8/08 and Prof. Sunny Thomas, the Dronacharya Awardee and Chief National coach in shooting who is the coach of Dr. Abhinav Bindra the Olympian Gold Medalist, inaugurated the activities. The cultural extravaganza by the cadets added colour to the function. Our unit hosted the Annual training Camp of the BN from 20/9/08 to 31/9/08 and six hundred cadets from 5 districts participated in the camp. Group Commander Col. T.A Baslia remarkably recognised the excellent performance of our unit. Our guard team honored the Dy. D.G. Brigadier A Murali on 4/11/09 during his visit to the BN. Nirmala College, our NCC band-set is



very popular and therefore we were given a unique opportunity to receive Dr. A. P. J. Abdul Kalam, the former President of India at his arrival at M.G. University, Kottayam for the Silver Jubilee Memorial lecture on 10/11/08. The performance of our band set was highly appreciated by the V. C of M.G.University, Dr. Jancy James. The presence of our band set was once again highly applauded on 20/11/08 during the Group inspection at Kottayam. The adventurous trekking expedition to Chinnar on 6/12/08 was an enchanting experience for the cadets. 70 cadets could really enjoy the panoramic beauty of high range and the ever green thick forests.

The most prestigious event of the year was the launching of our project of the year – **‘Youth Against Terrorism’**. Nirmala College was fortunate enough to be inspired by the presence of ‘The pride of India’ – Dr. Abhinav Bindra – the Olympian Gold Medalist to launch the prestigious project. The entire Nirmalites, along with the N.C.C. cadets were overwhelmed when he proclaimed: “Go for the Gold the future of the Nation is in your hands.” The project aims at spreading awareness among the Youth against terrorism through the means of lecturers and media. Our attempt was highly recognized both by the Public and the students. Our unit joined hands with the Muvattupuzha Municipality in the eradication of plastic and on 25/1/09 our cadets collected plastics from various wards and spread the message – ‘Plastic – A Menace to the Globe’. Independence and Republic days were observed with reverence and our cadets were the beacon lights in the Municipal rallies. We are expecting high results in B & C certificates exams.

### **Consultancy**

<b>Department</b>	<b>Field or Area of consultancy</b>	<b>Name of the faculty</b>
Chemistry	Consultant-Small Scale industry-in surface coating- Colour India Paints and Inks Pvt. Ltd.	P R Ramachandran (Sel. Grade Lecturer)
Chemistry	Consultant to the design of laboratory equipments, Kadavil equipments, Mudickal, Perumbavoor	P R Ramachandran (Sel. Grade Lecturer)
Chemistry	Water quality analysis	Josekutty J Ozhukayil (Lecturer.Sel Scale)
Commerce	Income tax consultancy services to faculty members of the college	Sri K M George

Commerce	Consultancy services in preparing the layout, designing the brochure and preparing the estimate for Agro-Industrial Fair of the Muvattupuzha Municipality	Sri Thomas Lazar
Commerce	Consultancy in preparing the accounts of the Alumni Association of Nirmala college , Center for Diversity Studies and Prof. George Paul foundation	Sri. James Joseph
Commerce	Consultancy in the editorial work of the journal Science and Society, the bi-annual research journal of NARP.	Sri. Joy N.
Commerce	Voluntary organization	Dr. G S Gireeshkumar
Mathematics	Income tax consultation to the teachers and non teaching members of the college.	Sri. Saji Joseph
Zoology	Consultant to State Government-Kerala River policy	Shaju Thomas
Zoology	Consultant to State Government- for Biodiversity conservation	Shaju Thomas
Zoology	Consultancy services to Kottencherril Pharmaceuticals for the development of herbal medicines.	Shaju Thomas
Botany	Consultancy services to Kottencherril Pharmaceuticals , Vazhakulam for identification of plants.	Philomina T V
Statistics	Consultancy for research data analysis	Dr. T M Jacob
Physics	Programming for the measurement of Compton Profiles	Dr. Thomas Varghese

**18. Number of teachers newly recruited** : 5

**19. Teaching-non teaching staff ratio** : 99 : 47

## **20. Improvement in Library Services**

The library is a six storeyed new building constructed at a cost of nearly Rs. 2.11 crores. The library has separate sections for back volumes and reference. It has career house, News house, and research centre. Free internet facility is provided in the Digital Library. A good collection of CD is yet another facility. It functions from 8.00am to 8.00pm. The automated library provides facilities like On-line Public Access Catalogue (OPAC), computerized circulation facilities and information retrieval facilities.

The data base will provide information regarding books accessed in the library, status of the book, reservation facility and information regarding the journals subscribed in the library, multimedia available in the library, bound volumes of journals available in the library etc.

## **21. Number of new books / journal subscribed and their value**

The 889 new books were purchased during 2008-09 and the cost was rupees 2,25,067/-. The number of journals subscribed during 2008-09 were 50 and the cost for the same was Rupees 57194/-.

## **22. Number of Courses for which student assessment of teachers is introduced and the action taken on students feed back.**

Student assessment of teachers is being continued for UG and PG courses based on a well-defined evaluation profoma. Department level meetings are conducted for evaluation and improvement. In the evaluation session the filled up evaluation forms of the teachers are distributed among the teachers concerned for self-analysis. A consolidated score sheet is prepared with the expertise of statistics Departments, using a software and result sheet given to faculty members individually.

## **23. Unit cost of education**

The unit cost of education including salary component is Rs. 44959/- and excluding salary component is Rs.18835/-

## **24. Computerization of administration and the process of Admissions and Examination results and issue of certificates**

Employing softwares, all the departments of the college carry out the process of admissions, prepare question papers for the internal examination, progress report and other documentations. All sections of the office are fully computerized.

## **25. Increase in the infrastructural facilities**

The utility block accommodates NSS and NCC offices, Co-operative store, Post office and staff co-operative society and provides good service. Fifty new computer were purchased to improve the existing computer facility. A new Generator with 62.5 KW capacity was installed in the college. The class rooms and Auditorium was renovated by providing better ceilings and Adequate number of fans. Fencing wall and gallery was also constructed around the foot ball field. A water Cooler was installed in the Second Floor. Economics department classrooms were modified by fixing tube light and fans. 5 more L .C.D's were purchased for ICT enabled teaching one more electronic balance is purchased in the Department of Chemistry.

## **26. Technology upgradation**

All the departments are using computers for documentation and presentation of data. OHP, Slide Projector and 10 LCD/DLP Projectors are being used as teaching aids as and when required.

## **27. Computer and Internet access and training to teachers and students.**

Broadband Internet facility through Data Line connection is made available for both teachers and students. In the campus, there are six computer labs with 215 computers. The computer labs in the main block mostly concentrate on regular curriculum activities and project work. The teachers and students of the college have accessibility to the computer lab and Internet facility. 74 computer terminals are provided with broad band internet facility. Computer training courses of four-week duration are conducted for degree students in collaboration with the Nirmala Computer Academy and certificates are issued.

The Management of the college established Nirmala Computer Academy in the campus to make the existing courses job oriented. The academy also conducts courses such as 'O' level and 'A' level approved by DOEACC and bridge courses in application soft wares like SPSS for the faculty and students..

In Department of commerce 24 students were given training on computerized accounting using Tally software. Short term computer training course is offered to students who have not opted computer education as part of their syllabi.

## **28. Financial aid to Students**

20 Degree students and 31 Postgraduate students have got state merit scholarship. Seven degree students and five postgraduate students have got Muslim/Nadar girls Scholarship. 543 students have obtained KPCR fees concession. 36 degree and 32 postgraduate students have got University merit Scholarship. One degree student has got physically handicapped scholarship. 64 degree students and 18 postgraduate students have got Hindi Scholarship. In addition the institution gives away several endowment awards instituted by the former faculty and benefactors of the College. Forty eight such awards are given out of a total corpus of rupees two lakhs ninety three thousand. Free noon meals are provided from the student's aid fund of the teaching staff.

## **29. Activities and support from the Alumni Association**

The Executive Committee met six times during this year since last Alumni Day. It was on 14th Feb., 17th March, 4th Aug., 7th Nov., and 5th Dec. of 2008 and 6 Jan. of 2009. The President urged the members to be co-operative. It was decided to widen our activities to areas like Ernakulam and nearby places. The 'Meet-a-Prominent-Alumnus' programme was conducted on 26th August 2008 and Sri. P.K. Karunakaran Nair, former Dty. Gen. Manager, NABARD addressed the audience. It was attended by an overwhelming majority of the students.

## **30. Activities and Support from the Parent-Teacher Association**

This year the PT A extended their full support for the smooth functioning of the College. One general meeting and three executive meetings were held in the academic year. Different Departments convened class-wise PTA meetings. Shri. Joseph Mathew Pichappillil was elected the Vice-President of the PT A. Shri. George Varghese Chundangayil, Shri. Gopalakrishnan and Shri P.P.Uthupan were the elected executive members. Shri. Vincent Maliekal and Smt. Thresiamma George were the representatives of the staff.

The ceiling works of the Main Block, Msgr. Thomas Nedumkallel Auditorium and Bishop Punnakottil hall were completed with the assistance of the PTA. The electrical rewiring works of the Auditorium and the main block with additional fans and lights were fully completed with the help of the PTA fund. A new generator of 62.5 k.v. was installed to meet the power cut. A pump set is being installed in the well of L.F. hostel to meet the water scarcity. The Gateway Building and name board at the Entrance and the widening and re-tarring of the College road are the future plans to be fulfilled by the PTA.

### **31. Health Services**

Medical inspection is conducted for all students. Classes are given on hygiene and cleanliness. On October 3<sup>rd</sup>, a campus cleaning programme was conducted by the physics association. Blood group identification was conducted by the involvement of Blood Donation Club.

### **32. Performance in Sports Activities**

We started off our yearly programme with Physical training for physical fitness. Coaching camps for major games like Football, Volleyball and Handball were started in the month of July. We got the services of coaches for Handball and Volleyball.

We participated in almost all games organized by the M.G University and State Associations. This year we got the chance to host the M.G. University Handball championship for men and women. This year also we brought the winners Trophy by winning the M .G. University Handball championship. Our outstanding seven players have got selection to the university team and they took part in the All India Inter University Handball Championship held at Kollapur. Mr. Shiju P V of our college was the captain of University team. Our team took part in the Junior and senior state championships. Two eminent players, Deepu E J and Manu Prasad R K have represented Kerala for the Jr. National Handball Championship.

Our Football team secured III Place in the M G University North Zone Championship. Nikhil Sabu and Libi P Salim have got selection to the university team and they participated in the All India Inter University Championship. Idukki District won the State Junior Football championship and Mr. Anu Shaji of this college was one of the main players of the team.

Kumari Nivya Mariya George participated in the National shooting championship held at Muttom and secured 2<sup>nd</sup> place.

Our Volleyball team secured 3<sup>rd</sup> place in the M.G. University North Zone Inter Collegiate Championship. The team won the Idukki district Youth Volleyball championship and secured 2<sup>nd</sup> place in the Jr. District Volleyball championship also.

Mr. Amal Raj P was one of the members of Ernakulam district Youth Volleyball team and the team won the Kerala State Championship.

Our Cricket team won the Inter Collegiate Twenty/20 tournament held at Newman College, Thodupuzha. Mr. Praveen Jayaram has been selected to the State super eleven team and played in the Inter State Championship held at Bhopal.

We got runners up trophy in the South India Inter Collegiate Handball tournament held at Adoor. We got I<sup>st</sup> places in the Inter Collegiate Football tournaments held at St. Aloysious College, Edathua and Catholicate College, Pathanamthitta.

We conducted our prestigious tournament, Prof. George Paul Memorial All Kerala Inter Collegiate Volley ball Tournament in the second week of January. As usual we conducted the Annual Sports Meet and Inter Association games competitions. The prize holders were honoured with merit certificate and cash awards. Mr. K J Francis HOD of Physical Education acted as one of the Technical official of the All India Inter University Athletic Meet – 2008-09 held at Maharajas College Ernakulam.

### **33. Incentives to outstanding sports persons**

The outstanding sports persons are given free boarding and lodging in the sports hostel. They are also provided financial assistance. We give help and proper guidance to the top class players to find out placement in and out of Kerala. We arrange felicitators meeting in the college auditorium to honour them when they come with laurels. Endowment cash awards are given to the top performers. We conduct annual sports meet, All Kerala Inter collegiate Volleyball Tournament and football tournament every year to promote and encourage the players.

### **34. Student achievements and awards.**

#### **Talent Day**

The Talent day 2009 was celebrated with pomp and fanfare on 6<sup>th</sup> February 2009. Rev. Dr. George Thanathuparambil was the chief guest. Prof. P.C. James, the Principal presided over the function. After the inspiring and informative message of the chief guest, the gold medals sponsored by the management were awarded to the six rank holders from various disciplines who brought laurels, to the institution. Ashamol S. (First Rank in B.A. Malayalam) Daissy Peter (First Rank in B.A. Hindi), Jayasree S. (Second Rank in B.A. Hindi), Satheesh R. (Second Rank in BCom. Voc.), Archana M. (third Rank in B.Sc. Physics).and Asha P.S. (Third Rank in BCom. Voc) were the recipients. The prestigious golden jubilee gold medal for the best outgoing student was presented to Archana M.

Shabana Basheer was the winner of Mahanami Charitable Trust Cash award for the Best student. The Alumni Association German Chapter Scholarship for the Best student was shared by Preethi John and Ajith S. Nair. Prof. Ravi Varma Pandala Memorial Endowment Merit cum means Award for the best student from the Malayalam Department was given to Arathi P.Nair.

In the next session, the endowment awards at the degree and P.G. level in the college were distributed to the winners, special mementoes were given to honour the outstanding performances of students in sports, games and arts. Alumni Association Bahrain Chapter Awards, Dr. Susan Thomas Memorial Endowment Awards, Prof. T. J. Francis Xavier Endowment Award, Awards in connection with Varnasala, Women Cell, Annual exhibition 'Glitter 2009', and value education awards were also distributed in the function. Dr. Seetha Lekshmi V. and Dr. Mathachan Pathiyil were the Co-ordinators.

### *List of Awardees*

#### **Gold Medals – Sponsored by the Management**

##### **Gold Medals**

✓ Ashamol S	- I Rank, B.A Malayalam.
✓ Daissy Peter	- I Rank, B.A Hindi
✓ Jayasree S	- II Rank, B.A Hindi
✓ Satheesh R	- II Rank, B.Com.Voc
✓ Archana M	- III Rank, B.Sc.Physics
✓ Asha P.S	- III Rank, B.Com.Voc.

#### **BEST STUDENT AWARDS**

- I Golden Jubilee Gold Medal for the best outgoing student – Archana M
- II K.Narayanan Nair Memorial Cash Award instituted by Mahnami Charitable Trust for the Best Student – Nivya Maria George III Z
- III Alumni Association German Chapter Scholarship for the best student(Merit Cum Means. – Preethi John III M., Ajith S Nair III M
- IV Prof. Ravi Varma Pandala Memorial Endowment Merit Cum Means award for the Best Student in the Dept. of Malayalam.- Arathi P Nair
- V Best Innovative Activity Award instituted by Rev. Dr. T.M.George.
  1. Ancy Mamachan III M
  2. Praveen R.K III B
- VI Best user of Library Award instituted by Mr. K.Gopalakrishnan Nair – First Batch Alumnus. – Ligi Mathew V L
- VII Dr. Thomas V.Thomas Memorial Award for the Best Student (Merit cam Means) –
  1. Ananthalakshmi C III E
  2. Veena Chandran V H



## Degree Level Awards

Award	Eligibility	Winner
Msgr. Thomas Moothedan	Top Scorer B. Sc. (Maths.)	Anjana S
Prof. P. M. Kurian	” B. Sc. (Physics)	Archana M
Mary Joseph Vallamattom	” B. Sc. (Chemistry)	Elizabeth Mable Paul
Prof. K. V. Joseph	” B. Sc. (Botany)	Thafsi Rasheed
Prof. A. M. Joseph	” B. Sc. (Zoology)	Reshma Kumar
Minister K.M.George & Prof. M. C. Mathew	” B. A. (Economics)	Daviya R
Prof. P. V. Varghese	” B. A. (Hindi)	Daissy Peeter
Prof. K. U. Mathew Muhammed	” B. A.(Comm.English)	Surumi
Prof. P.J. Micheal	Meritorious student III P	Arya M Honey
Prof. K. K. Emmanuel	Top Scorer B. Sc. (Zoology) Practical	Sachu C A & Dhanya T.G
Prof. George Kuriakose	Merit Cum Means Award for best student III P	Arya M Honey
Prof. Sr. Benjamine	Top Scorer II B. Sc. (Maths) Main & Sub	Shahana Basheer
Prof. Joseph Puthenpura	“II B. Sc. (Botany) Main only	Sumayya P.A
Dr. Sheela Issac	“II B. A. (Hindi) Main only	Beena Victor
Prof. George Kuriakose	Merit cum Means Award for the best student II P	Aparna Ravi K
Msgr. Mathew Palamattom	Top Scorer II B. A./ B.Sc. Part I English for Science	Preethi John
Msgr. Thomas Nedumkallel	” II B. A./ B.Sc. Mal., Part II	Arathy P Nair
Prof. P.J. Micheal	Meritorious student II P	Archana V N
Prof. P. M. Devasia George	Top Scorer II B. A./ B.Sc. Part I English for Humanities	Sinju Maria
Prof. George Kuriakose	Mert cum Means Award for the best Student I P	Bettu Eldho
Prof. P.J. Micheal	Meritorious student I P	Sreeja Sasidharan
Prof. K. U. Chacko	Top Scorer B. A. (Mal.)Sanskrit Sub	Arathy P Nair
Prof. N. M. Paulose &	II B. Com Part III	Parvathy Mohan

Prof. Devassy Manjooran .

Paily Joseph Nithiri Memorial B. Com. (Business Law)  
Endowment

Rahul Sunny &  
Akhil Vinu

Prof. Valsa George Endowment Top B.A. Comm. Eng.

Surumi  
Muhammed  
Ayana Venugopal.

Prof. Philomina Mathew Best Allrounder in B.A. Comm. Eng.  
Endowment

### **P. G. Level Awards**

Prof. P. C. Tharu	M. Sc. (Statistics)	Julie Joseph
Prof. C. J. Joseph	M. A.(Final) Economics	Arya Suku
Rev. Dr. John Vallamattom	M. Sc. (Statistics) III <sup>rd</sup> & IV <sup>th</sup> Sem.	Julie Joseph
Prof. C. P. Ananthalekshmi	Best student in MA(Previous) Hindi	Anjaly Joseph
Prof. T. M. Mathews	Top M. Sc. (Chemistry), Rank list	Vindhuja
Ms. Mary John Manchappilly Award	II M. A. Malayalam	Unmesh K S
Prof. Cheriachan George Memorial Endow. Award	Top Scorer M.Sc (Zoology)	Anupama K.M
Prof. C. P. Anandalakshmi	Best student in MA( Final) Hindi	Manju

### **Dr. Susan Thomas Memorial Awards – Toper First DC Paper I**

#### **Best Student Award**

Best Student in final year Communicative English Class – Binsy Babu

<b>Class</b>	<b>Winner</b>
I Mathematics	Justine Joseph
I Physics	Aparna Ravi K
I Chemistry	Priya Sara Paul
I Botany	Sr. Sumin Mary Jose
I Zoology	Bijosh M B
I Communicative English	Fathima Begum.
I Hindi	Vishnu Thankkappan
I Malayalam	Nayana Thara Rajan
I Economics	Sreeja K N
I Commerce	Tony Sabu Paul
I Commerce Voc.	Akhil Jose

## **Prof. T.J Francis Xavier Award Toppers in B.Com & M.Com**

<b>Class</b>	<b>Winner</b>
I B Com ( Admission rank Topper List)	Dhaneesh C S
I B Com (Voc) Admission rank Topper List)	Sandra Sali
II BCom (Topper, I BCom Uty. Exam)	Sijo Mathew
II B Com Voc. (Topper, I BCom Uty. Exam)	Sonia Mary Simon
III B Com(Topper,II BCom Uty. Exam)	Parvathy Mohan
III B Com(Voc) (Topper,II BCom Uty. Exam)	Anjaly R
IV K ( Topper MCom admission Rank list)	Divya James
V K ( Topper I MCom Uty Exam)	-----

## **Prof. T J Francis Xavier**

### **Proficiency Awards**

<b>Class</b>	<b>Winner</b>
I K	Arun M Das
I KC	Joice Jolly .
II K	Manjusha M Kamath
II KC	Sonia Mary Simon
III K	Parvathy Mohan
III KC	Shabin Nassar
IV K	Divya James
VK	Emy Stephan

### **Endowment Awards for Literary Competitions**

<b>Award</b>	<b>Eligibility</b>	<b>Winner</b>
Prof. P. T. Chacko 1912	Best Essay (English)	Gissin Jose, II CE No-
Adv. Joseph Augustine 6039	Topper Elocution (English)	Dhanya Thomas, I M –
Adv. Joseph Augustine 6801	Topper Elocution (Malayalam)	Afina Mary Saju, I L –
Rev. Dr. John Vallamattam Award instituted by Jacob	Essay (Malayalam)	Anjalimol Sebastian , II C Ancy Mamachan, II M Ashamol S, IV L

Mittathanickal Bibish John, I L

Rev. Sr. Rosakutty Kappen Poem Writing (Malayalam) Sneha Balan, III L - 4937

Prof. N. I. Abraham Sports Champion (Men) Shihash Sha Hydross, II B

Prof. Leelamma Jacob Sports Champion (Women) Sonyamol Issac, IV Z

### **Mahnami Charitable Trust Cash Awards**

Mahnami Scholarship Best student, Undergoing UGC/NET Divya James IV K

Bank Coaching in Nirmala  
institute of Competitive studies. Best student Arunadevi K II M

Rev. Dr. Mathew Thottiyil Best student, Dept. of Chemistry Ajitha A R  
Memorial Cash Award

Mahnami Merit cum means Best Student studying in Degree Shabana Basheer III  
M  
Scholarship Class

### **ALUMNI ASSOCIATION AWARDS**

#### **Bahrain Chapter Awards (Toppers BA/B Sc/B Com Degree)**

<b>Class</b>	<b>Winner</b>
Mathematics	Anjana S
Physics	Archana M
Physics(Voc)	Bemal Raj K S
Chemistry	Elizabeth Mable Paul
Botany	Thafsi Rasheed
Zoology	Reshma Kumar
Communicative English	Surumi Muhammed
Economics	Daviya R
Malayalam	Asha mol S
Hindi	Daissy Peeter
Commerce	Vishnu Prakash
Commerce Voc.	Satheesh R

#### **Sports Awards (Mementos)**

<b>Winner</b>	<b>Eligibility</b>
Deepu E J	National Participation in Junior National Handball.

Manu Prasad R K	Participated in the junior and Senior National Hand ball Championship.
Sheju P V	Inter University Player in Hand Ball.
Abhilash A	”
Libin P S	”
Sreerag A T V	”
Jibin K B	”
Amal Raj P	Kerala State Youth Volley Ball Winner
Ashiq V A	Second place in M .G University best Physique competition and Jr.Mr.Iddukki
Nikhil Sabu	M.G. University Foot Ball team member
Libi P Salim	M.G. University Foot Ball team member
Anu Shaji	Junior State Foot Ball winner

### **N.C.C Awards – Mementos**

Winner	Eligibility
Nivin Markose	Best Band Senior
Ashly Jose	Best Wing Captain

### **Women’s Cell Awards**

#### **Group Dance**

1. Dept.of Economics
2. Dept. of Communicative English
3. Dept. of Commerce

### **Winners of competitions organised by Varnasala**

#### **Pencil Drawing Competition**

1 <sup>st</sup> Prize	:	Praveen R. K, III B
2 <sup>nd</sup> Prize	:	Anusree Surendran, I B
3 <sup>rd</sup> Prize	:	Saneeshkumar K, IV K

## Water Colour Painting Competition

1<sup>st</sup> Prize : Teena Thomas, II M  
2<sup>nd</sup> Prize : Praveen R. K., III B  
3<sup>rd</sup> Prize : Ankitha Krishna, II C

## Cartoon Competition

1<sup>st</sup> : Teena Thomas, II M  
2<sup>nd</sup> : Muhzina Nazeem, I P  
3<sup>rd</sup> : Praveen R K, III B

## Xavier Board Awards

### College Level English Essay Writing Competition

1<sup>st</sup> : Tony Sabu Paul, II K  
2<sup>nd</sup> : Dhanya Thomas, I M

## Special Awards - Mementos

### Outstanding Performance in Arts

Winner	Eligibility
Vidya S Iyer	University winner is Kavyakeli.
Praveen R K	University winner in fine arts.

## Value Education Awards

Class	Winner
I M	Dhanya Thomas
II M	Akhil Prabhu
III M	Abhilash A
I P	Anurani P S
II P	Aparna Revi K
III P	Shahul Hameed A
I PV	Rajitha Krishnan
II PV	---
III PV	Arun George

I C	Anju Jayaraman
II C	Anjalimol Sebastian
III C	Ajitha A R
IV C	Resmi P S
V C	-----
I B	Anusree Surendran
II B	Sumin Mary Jose
III B	Rani M Gopal
I Z	Saranya K
II Z	Bijosh M B
III Z	Abhilash K N
IV Z	Swapna P Jose
V Z	Sumi K Muhammed
IV S	Suchithra C V
V S	Deepthi Das
I E	Chandini Prasad
II E	Manu P S
III E	Bineesh Babu
IV E	Sreekuttan C K
VE	-----
I CE	Irine Meera Sebastian
II CE	Jissin Jose
III CE	Bincy Babu
I L	Mini Maria Thomas
II L	Alphonsa Francis
III L	Sneha Balan
IV L	Anjali P P
V L	-----
I H	Sr. Jissmol T. T
II H	Sunu T Raju
III H	Swapna Xavier
IV H	Jayasree S
V H	Faseela O H
I K	Chinju Sreedharan

II K	Tony Sabu Paul
III K	Abin Paul
IV K	Divya James
V K	-----
I K C	Rose Mary P L
II KC	Sebin Baby
III K C	Praveen Jayaram
I BCA	Babu M Varghese
II BCA	Bibin Varghese
III BCA	Tara John
I MCA	Ancy Emmanuel
II MCA	Shaniya Shaji
V MCA	Elizabeth Kurian

### **Department wise Achievements**

#### **Commerce**

- ✓ Satheesh R secured Second rank for B.Com(Vocational ) Degree Course in the university examinations March – April 2008.
- ✓ Asha P.S secured Third rank for B.Com (Vocational) Degree Course in the university examinations March – April 2008.
- ✓ Commerce association was adjudged the second best Association of Nirmala College for the Arts Fest organized by the college union.

#### **Statistics**

- ✓ Miss Soumya P. Kumar – Secured Indian Statistical Service
- ✓ Ancy Mamachan and Shabana Basheer secured First prize in the preliminary round of the quiz competition by OSDAMS, CUSAT Cochin.
- ✓ Preethy John and Vidya S secured First prize and Prof. K. Ramakrishna Pillai memorial Ever Rolling Trophy in the All Kerala Inter Collegiate quiz competition in Statistics, held at St. Thomas College, Pala.
- ✓ Ajith S. Nair and Ashly Jacob secured Second prize in the All Kerala Inter Collegiate quiz competition in Statistics, held at St. Thomas College, Pala.
- ✓ Ancy Mamachan and Shabana Basheer secured Second prize in the Final round of the All Kerala Statistics quiz competition organized by OSDAMS, CUSAT Cochin.



- ✓ Preethy John and Shabana Basheer secured First prize and ever rolling trophy in the Dr. U.S. Nair Memorial Statistics Quiz (All Kerala), organized by the Kerala Statistical Association.

### **Chemistry**

- ✓ Three students namely Saumya Varghese , Pratheesh Sebastian and Sreejith Chandran qualified NET.

### **Hindi**

- ✓ Daissy Peter got Ist Rank in the B.A Degree M.G.University examination and Jayasree S got Second Rank during the year 2008.
- ✓ Veena Chandran of II M A Hindi won IInd prize in the intercollegiate Quiz Competition held at St. Thomas College Pala on 25/11/2008.
- ✓ Sumi C S and Pravya Thampi of II M A got State and Central Government Hindi Scholarships.
- ✓ Two Research Scholars Shibi A V and Ambily M V got fellowship for their Research from M G University.

### **Malayalam**

- ✓ Ashamol S got Ist Rank in the B.A Degree M.G.University examination
- ✓ Nayana Thara Rajan got Best student Awards.

**35. Activities of the Guidance and Counselling Unit** The Counselling Cell of the College has been working since 1999. Class teachers and tutors identify the students with problems. Teachers give them personal counselling. If they cannot solve the problem, they direct the students to professional counselors working in the college. Also students approach them voluntarily.

The Cell offers counselling service on three working days from 10 am to 4 pm. (Tuesday – Sri. Mathew Sebastian; Wednesday - Rev. Fr. Joseph Kandathil; Thursday – Rev. Sr. Vineetha F.C.C.)

The professional counselors are assisted by two lady teachers Ms. Jessy John and Ms. Sophy Thomas who have undergone the basic training course in counselling conducted by the Department of Student Services, M G University, Kottayam. Sri. Mathew Sebastian offers value based classes for the students. The Counselling Cell helps the students to help themselves to change their attitudes and to get a deeper knowledge of self awareness.

## **36. Placement services provided to students**

### **Campus Drive 2009**

Mahatma Gandhi University Employment Information & Guidance Bureau in association with the Career Guidance and Placement Cell of Nirmala College organized a two day Intercollegiate campus recruitment drive which was a pioneering venture in the history of Mahatma Gandhi University, in providing its entire student community a chance to secure a good career. The event changed the total career scenario of Arts and Science colleges affiliated to the university. Twenty seven major recruiting companies took part in the event and nearly 3000 job aspirants visited the campus during the event held on 24<sup>th</sup> and 25<sup>th</sup> January 2009 at Nirmala College, Muvattupuzha. Dr. P.M. Rajan Gurukkal, Hon'ble Vice Chancellor of MG University inaugurated the mega event and he stressed the need and usefulness of such campus drives which introduced the students to new avenues and visitors of employment information

## **37. Development programme for non-teaching staff.**

The work of Non Teaching Staff members is assessed through the personal Register and self appraisal and through periodical meetings and discussions.

## **38. Any other relevant information the institution wishes to add**

A three day residential retreat was organised for II and III DC catholic students from 18<sup>th</sup> to 20<sup>th</sup> July 2008. Similarly a residential retreat was conducted from 22<sup>nd</sup> to 24<sup>th</sup> for the IDC and IPG catholic students. Co-curricular activities such as Word Hunt, Aptitude Test, etc. are conducting every Tuesday from 2-4 pm for MCA students.

All subject associations of the college organized **welcome** for freshers, **farewell** for final years, Onam and Christmas celebrations. They brought out manuscript magazines to give expression to their creative talents.

The college has a sprawling campus of 53 acres which is plastic free and eco friendly. A life guidance programme for the final year students was conducted this year too.

The college publishes two issues of the newsletter "**Nirmala Digest**" annually, incorporating all the activities of the college. An **Alumni News Letter** is published every year. **College Magazine** is also published.

We observe **Talent Day** to honour rank holders and outstanding students and to give away the awards instituted in the college.

The college is having a publication and information division, viz **Nirmala Academic and Research Publications (NARP)**, which publishes the multi disciplinary, peer- reviewed, biannual research journal “Science and society”.

The consultancy service division “**Edison circle**” provides consultancy in areas such as nature conservation, environmental education, statistical data analysis, solid waste management, water quality analysis, mushroom cultivation etc.

Nirmala Institute of competitive studies organises **coaching classes** for UGC – CSIR test.

## **PART C**

### **Plans of the institution for the next year**

- ✓ Prepare for the implementation of the Choice based credit system in the UG programme.
- ✓ Participate in the framing of the new curriculum for the CBCSS.
- ✓ Improve infrastructure of all the department.
- ✓ Re arrange the laboratory support systems and make it more user friendly.
- ✓ Encourage teachers to take up Research Projects.
- ✓ Conduct training programme for grading for teachers and students.
- ✓ Organize seminar to celebrate the Bicentenary of Darwin’s and the year of Science.
- ✓ To provide internet connectivity to all submits of the college.
- ✓ To select the open courses in mathematics as per the needs of the students in the fast changing world.
- ✓ To develop a Mushroom Cultivation unit and Microbiology lab in the department of botany.
- ✓ To select the open courses in chemistry as per the needs of the students in the fast changing world.
- ✓ Make internet knowledge compulsory to prepare the assignments and projects.
- ✓ Provide an orientation programme to the students to introduce the many programmes of the college.
- ✓ Avail the value education hours to introduce the many programmes
- ✓ Conduct training programmes in Personality development and soft skills.

- ✓ Make the documentation of IQAC more effective with the help of a software
- ✓ Continue the value addition programmes as part of the curriculum: Each department may start a diploma or certificate course as part of improving the curriculum content and issue certificates
- ✓ Interdisciplinary programmes will be organised by way of invited talks, seminars etc. with the assistance of subject associations and various clubs functioning in the college
- ✓ Human Resource Development Training for students (HRD Training)
- ✓ Staff Training programmes will be organised periodically to train the staff in ICT based teaching
- ✓ Broadcasting educational programmes as an extension activity through the local channel is contemplated
- ✓ Departmental meetings be arranged every month to review the progress of the academic plan for the current year
- ✓ All departments will introduce at least one worthy practise to be emulated by other departments and colleges, with a definite goal and evidence of success.

Sd/

Prof. P.C. James  
Chairman, IQAC

Sd/

Jose Karikunnel  
IQAC Co-ordinator