

NIRMALA COLLEGE MUVATTUPUZHA
ANNUAL QUALITY ASSURANCE REPORT 2007-08

PART A

Academic Plan for the Year 2007- 08

The academic year commenced with a staff meeting in which the Principal presented the action plan for the academic year formulated at the end of the last academic year. The action plan was circulated to all the departments for detailed discussion. The final draft was prepared by IQAC incorporating department level modifications. The Action Plan for the academic year 2007-08 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 maximum of 15 hours duration only.
- ✓ Start new certificate course- Intermediate Course in ICWAI examination in collaboration with the Institute of Cost and Works Accountants of India.
- ✓ 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) Interactive English Course
 - 3) Statistical Packages such as Minitab
 - 4) Yoga classes
 - 5) Remedial classes
 - 6) UGC/CSIR coaching
 - 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**
 - Apply for Career oriented Add-on Courses sponsored by UGC under the initiative of various departments in the college.
 - 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

1. Prepare a teaching plan. Record the teaching plan in the register kept in the department and Teacher's Diary. Teaching plan may be prepared so as to finish 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 4months.

2. Teacher's diary will be maintained by all the teachers. It should contain

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

3. Evaluation of teachers by students will be conducted and will be intimated personally.

4. Internal and external academic audit will be conducted.

5. Documentation of various activities and maintenance of the existing files upto date.

They may be submitted for internal audit.

6. Learner centred methods of teaching

To improve the involvement of students 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 etc in the transaction of curriculum.

7. 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.

8. 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.

9. 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.

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 work completed. The committee will prepare the proposal for basic developmental assistance during the XI Plan period. The research and development cell will provide assistance

- 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

- ✓ Increasing the voltage by installing a new transformer availing PTA fund.
- ✓ Involvement of students and staff and other stakeholders will be ensured in keeping the campus clean and eco-friendly.
- ✓ Periodic cleaning by students under the direction of teachers to keep the campus litter free and plastic free especially before Onam and Christmas.
- ✓ Remodelling 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 public.
- ✓ Expansion of Internet lab and appointing full time internet administrator.

STUDENT SUPPORT AND PROGRESSION

- ✓ Involving the final Degree and PG students in the Alumni Day celebrations and conduct induction ceremony for outgoing students.
- ✓ Participating in the annual day celebrations of foreign chapters.
- ✓ Continue the practice of celebrating the Talent Day
- ✓ To inform the students about various scholarships and awards instituted by the college and other well-wishers.
- ✓ To introduce best user award for library books with the help of Alumni Association.
- ✓ Encourage all P.G. students to undergo NET and CSIR training. Class teachers may collect the names and hand it over to the coordinator.
- ✓ Progression and Placement data will be updated every year.

ORGANISATION AND MANAGEMENT

- ✓ Annual budget will be prepared
- ✓ 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 in the manuscript magazines in 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 four ranks in the university (M. Sc. Statistics, B.Com. (Voc), and B A Communicative English)

Results of the University Examinations held in March - April 2007

Subject	No. appeared	Passed	I Class	II Class	III Class	percentage of pass	Rank
M.Sc. Statistics	14	13	13	-	-	92.85	II
M.Sc. Chemistry	11	10	10	-	-	90.90	
M.Sc. Zoology	13	12	12	-	-	91.26	
M.A. Economics	16	15	15	-	-	93.70	
M.Com.	16	15	14	1	-	93.75	
M.A. Hindi	15	15	15	-	-	100.00	
M.A. Malayalam	19	19	19			100.00	
MCA	48	45	45	-	-	93.75	
BCA	5	4	4	-	-	80.00	
B.Sc. Mathematics	41	41	36	4	1	100.00	
B.Sc. Physics	27	26	22	4	-	96.3	
B.Sc. Physics Voc.	11	8	8	-	-	72.72	
B.Sc. Chemistry	36	34	31	3	-	94.44	
B.Sc. Botany	30	28	22	6	-	93.33	
B.Sc. Zoology	30	29	25	4	-	96.67	
B.A. Economics	53	53	15	24	14	100.00	
B.Com.	64	48	28	16	4	75.00	
B.Com (Voc)	31	25	19	6	-	80.64	II
B.A. Hindi	27	27	12	13	2	100.00	
B.A. Malayalam	39	37	20	16	1	94.87	
BA Comm. English	26	26	11	11	4	100.00	II

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 24 September 2007 and the second was conducted from 12th December 2007. General body of PTA was held on 26th October 2007 and 21st February 2008 to assess the progress of students immediately after the first and second internal assessment examination respectively. Tutorial system is practised by all the departments.

c) Seminars / Workshops / Endowment lectures

All the departments organised National/ State level seminars/Invited Talks and workshops on relevant emerging areas.

Two important endowment lectures of the college conducted during the year provided opportunities to interact with eminent scientists and thinkers. The 16th Msgr. Thomas Nedumkallel Endowment Lecture was delivered on 30th November 2007 on “Colonial Modernisation in Kerala”, by Dr. MGS Narayanan.

Rev. Dr. Mathew Thottiyil Endowment lecture was delivered on 10th November 2007 by Dr. P.A. Hassan, Scientist F, BARC, Mumbai.

Details of seminars/Workshops/Conferences organized by the Departments 2007-08

Seminars

Dept.	National /State level	Topic	Resource Person	Date	Sponsor ed
Chemistry	Seminar	Photochemistry	Dr. Dileesh .S St.Peter’s College Kolencherry	20/09/2007	Dept
Computer Science	State level	Software Engineering - A Practical View	Mr. Thomas Mathew, Asst.General Manager, iSmart Business Solutions Pvt Ltd, Kakkanad	13/07/2007	Dept
Computer Science	National level	Digital Image Processing & MAT lab	Mr. Vinod Chandran Sr Software Engineer Bangalore	13 th and 14 th of March 2008	Dept
Hindi	State level	Hindi as official language	Dr. Mohana Pillai, M.A.College Kothamangalam	14.9.2007	college

Mathematics	State level	“Fuzzy sets” ,”Fuzzy Logic and Applications ” and “Fundamenta ls of Mathematics ”	Dr. Binimol Punnoose, Dept. of Mathematics FISAT Mookkannoor, Dr. C. Sheela Dept. of Mathematics FISAT, Mookkannoor, and Dr. Thomas Joseph Dept. of Mathematics, Bharatmatha College Thrikkakara.	06/12/2007	Dept
Zoology	State level	Progress in Neurobiolog y Research	Dr. Thomas chacko Thannikkal, Research Neurophysiologist, UCLA, School of Medicin, Department of Neuropsychiatry , Los Angels, USA	10th September 2007	Dept

Workshops

Dept.	Topic	Resource Person	Date	Sponsored
Chemistry	Capacity Building in HRD	Mr.K.K.Soman HRD Consultant, RUSSETT, Union Bank of India, Perumbavoor.	1.12. 2007	Dept
Commerce	Training on Cloth Printing	Raju V.P. , Department of Commerce, Pavanatma College, Murickassery	Jan. 12 & 13 of 2008	Dept. & ED Club

Invited Talks

Dept.	Topic	Resource Person	Date	Sponsored
Botany	the Recent Advances In Biotechnology	Dr. Ansy Joseph. Assistant Professor, Medicinal and Aromatic Plants Research Centre, Odakkali, Ernakulam.	22nd August 2007	Dept
Commerce	Role of MNCs in Retailing	Sri Eby Mathew, CEO, Reliance Retail Kochy	13th September 2007	Dept
Commerce	Practical Accounting	Sri Somanathan Pillai, Director, Institute of Accountants, Ernakulam		Dept

Commerce	Entrepreneurship Development	Sri. Issac Joseph, Chairman, Lunar Group of Companies	6th December 2007.	Dept
Economics	Sustainable Development	Rev Fr N. C Paul, Principal Newman College Thodupuzha	21st Aug. 2007	College
Economics	Banking Sector Reforms	Sri M K Mohanan Nirmala College	10th Jan. 2008	College
Economics	Knowledge economy	Dr. Visakha varma Govt College Chalakudy	14th Sept. 2007	College
Mathematics	“Wavelets and its applications”	Dr. George Avirappattu, KEAN University, New Jersey, U.S.A.	09/01/2008	College
Physics	Solar Physics	Dr. S Antony, SPAP, MG University, KTM	05.09.2007	Dept
Physics	Observational Evidence for Black Holes	Prof. Rajeev Mishra, IUCAA, Pune	20.09.2007	Dept
Physics	Chasing of Light for 400 years	Prof. Jacob Philip, STIC, Cochin University, Kochi	29.11.2007	Dept
Statistics	Orientation / Motivation talk in job opportunities of M. Sc. Statistics holders	Littish Domnic, Data Analyst, GLAXO Ltd., U. K. & Linnesh Domnic, Novartis, Bombay.	23/08/2007	college
Zoology	Fluorescence Spectroscopy for Bacterial Systematics	Dr. KUNNIL JOSEPH, 34 A ESCALONA ST KAMO NEWZELAND	6th December 2007	Dept
Chemistry	Food colorants and Health consequences	Dr.Thomas Francis	08/02/2008	College Level

Endowment Lectures

Dept.	Nature	Topic	Resource Person	Date	Sponsored
Chemistry	Rev. Dr. Mathew Thottiyil Endowment Lecture	Interfacial Chemistry- Science and Applications	Dr. P.A. Hassan Scientist F BARC, Mumbai.	10.11. 2007	Dept
College	Msgr. Thomas Nedumkallel Endowment lecture	Colonial Modernisation in Kerala	MGS Narayanan	30/11/2007	College

Participation of Teachers in seminars/workshop/symposium 2007-08

Sl. No.	Name	Sponsored By	Conducted at	Duration	State/National/Internal level
1	Dr. C. Viswanathan	Kerala State Social Welfare Board	Rajagiri College, Kalamassery	16-8 2007	State Level
		UGC	CUSAT	12- 13 Sept. 2007	National Level
		UGC	CUSAT	7-8 Feb. 2008	National Level
2	Dr. C. Suja	UGC	Sree Sankaracharya University of Sanskrit, Kalady	12/12/2007 – 14/12/2007	National Level
3	Jose Karikunnel	Dept. of Chemistry, Nirmala College, Muvattupuzha	Nirmala College, Muvattupuzha	20-9- 2007	State Level
4	Mercyamma Jacob	Dept. of Chemistry, Nirmala College, Muvattupuzha	Nirmala College, Muvattupuzha	20-9- 2007	State Level
5	Valsal P.J.	Kerala Chemical Society	M.A. College, Kothamangalam	3/11/2007	State Level
		Dept. of Chemistry, Nirmala College, Muvattupuzha	Nirmala College, Muvattupuzha	20-9- 2007	State Level
6	Majo V. Kuriakose	Dept. of Chemistry, Nirmala College, Muvattupuzha	Nirmala College, Muvattupuzha	20-9- 2007	State Level
		Gandhiji Study Centre	Newman College, Thodupuzha	28/12/2007	National Level
7	Lissamma Joseph	Kerala Chemical Society	M.A. College, Kothamangalam	3/11/2007	State Level
		Dept. of Chemistry, Nirmala College, Muvattupuzha	Nirmala College, Muvattupuzha	20-9- 2007	State Level
8	Dr. Shaju Thomas	UNESCO, UNEP & MoEF	CEE	24-28 November 2007	Internal national Level

9	Joseph T.U.	Physics Association	Nirmala College, Muvattupuzha	05.09.2007	State Level
		Physics Association	Nirmala College, Muvattupuzha	20.09.2007	State Level
		Physics Association	Nirmala College, Muvattupuzha	29.11.2007	State Level
10	Sunny Joseph	Physics Association	Nirmala College, Muvattupuzha	05.09.2007	State Level
		Physics Association	Nirmala College, Muvattupuzha	20.09.2007	State Level
11	Nirmala Mathew	Physics Association	Nirmala College, Muvattupuzha	05.09.2007	State Level
12	Sheela Alias	Physics Association	Nirmala College, Muvattupuzha	05.09.2007	State Level
13	Jaseentha O.P.	Christian College, Chengannur	Christian College, Chengannur	March 27 – 29, 2007	National Level
14	Dr. Thomas Varghese	Newman College, Thodupuzha	Newman College, Thodupuzha	19/09/2007 to 22/09/2007	National Level
15	Fr. Vincent Joseph	Kerala Bhasha Institute	M.G. Uty. Kottayam	9/10/2007	State Level
16	Saji Joseph	K.M.A.	Nirmala College, Muvattupuzha	6-12- 2007	State Level
17	Soni Sebastian T.	K.M.A.	Nirmala College, Muvattupuzha	6-12- 2007	State Level
18	Nirmala George	K.M.A.	Nirmala College, Muvattupuzha	6-12- 2007	State Level
19	Dr. Johny Scaria	Society of Statistics, Computer and Application	St. Thomas College, Pala	16-18 November 2007	National Level
20	Dr. Seethalakshmi V.	Society of Statistics, Computer and Application	St. Thomas College, Pala	16-18 November 2007	National Level
21	Sr. Tessy Joseph	UGC	St. Tresas College, Ernakulam	10/08/2007	State Level
22	P.R. Ramachandran	CSIR & JNCASR	Trivandrum	3 – 5, December 2007	State Level
23	E.V. Krishnan Namboodhiri	IUCAA, Pune	Newman College, Thodupuzha	19-22Sept., 2007	National level
24	Dr. Beenamma Mathew	UC College, Aluva	UC College, Aluva	16-18 th January 2008	National level

	Mr. Sherin Mathew G.	School of Information Science & Technology,	“Research in Frontier Areas of Information Science & Technology ”	5 – 9 September 2007	National Workshop
	Mrs. Smitha M.	AICTE	MACFAST, Thiruvalla.	5 – 18 December 2007	staff development Program

d) Annual Science, Art and IT exhibition

To develop the innate potentials and the imaginative faculty of the young talents of Nirmala, a Science Fair was organized on 25th January 2008. Mrs. Mary George Thottam, Municipal Chairperson, Muvattupuzha inaugurated the exhibition. In addition to all departments of the college, Career Guidance Cell, Women Cell, Jesus Youth, Nirmala Academic and Research Publications and Varnasala, participated in the exhibition. 278 exhibits, 57 hobby collections and 14 projects were presented by the students. Cash Awards were given for the best three associations, best three exhibits and best three hobby collections. The Best Association prize was awarded to BCA association. The best exhibit prize was awarded to Praveen P.C. of II year B.Sc. Physics. Best hobby collection prize was awarded Bas A. Muhammed of II year B.Sc. Physics Vocational.

Cameo’08, the fourth IT fest was conducted on 12th & 13th of February 2008, by the Department of Computer Science. It was the most luminous jewel to be added to its crown. Cameo’08, 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 Rev. Sr. Tessy Joseph was awarded Ph.D. in Botany from Pune University and one faculty member wise Sri. J. Georgi Neernal, has awarded M.Phil from Madhurai Kamaraj University. Mr. Mathachan Pathiyil submitted the Ph. D thesis titled “Some Inference Problems Related to Geometric Distribution” to the M. G. University on July 10, 2007. Ms. Jaceentha O. P. submitted the Ph. D thesis titled “Electrical Characterisation, optical studies and the effect of Gama Radiation on AgPc, F₁₆CoPc and F₁₆ZnPc Thin Films” to the M. G. University on 27th December 2007. Dr. V.C. James was awarded ISSF (International Shooting Sports Federation) Diploma. He has completed a course for Judges and Officials approved by ISSF and organized by the National Rifle Shooting Association of India in New Delhi from February 1st to 12th 2008.

9 teachers attended refresher courses and 1 teacher attended orientation course during the current academic year.

Faculty members presented twelve academic papers in different national/International conference/ Seminar.

f) Publications

The college published two issues of the Newsletter (Nirmala Digest) to document academic and other events. The Publication Division brought out five books and the 9th and 10th issues of the research journal 'Science and Society'. Campus Light an inspirational Magazine was released in January 2008.

a) Articles

Chemistry

1. **Thresiamma George, Sunny Joseph, K.C. George, Anu Tresa Sunny and Suresh Mathew** "Morphology tuning of strontium tungstate nanoparticles" AIP conference proceedings 929, (2007), 9599.
2. **Thresiamma George, Sunny Joseph, K.C. George, Anu Tresa Sunny and Suresh Mathew** "Fascinating morphologies of lead tungstate nanostructures by chimie douce approach", J. Nanopart. Res. (2007) Doi:10.1007/s11051-007-9285-8.
- 3 **Thresiamma George, Sunny Joseph, K.C. George, Anu Tresa Sunny and Suresh Mathew** "Microwave dielectric studies of Calcium Molybdate nanocrystals", Mater. Chemistry and Physics (2008) (Communicated).
- 4 **Thresiamma George** "Soft chemical synthesis and visible-light photocatalytic activities of β -AgVO₃ nanorods and BiVO₄ nanobars", J. Nanoparticle Res.(2008)(Communicated).

Statistics

- 1.**Mathachan Pathiyil** "Estimation of the reliability measures of geometric dist." Vijnan Chindamani, e-journal <http://www.sngcollege.info>,(2007).
2. **Mathachan Pathyil** "Semi parametric estimation of some reliability measures of geometric dist.", Journal of Modern Applied Statistical Methods, (2007) Vol:6, No: 2, (accepted).
3. **Seethalakshmi V** "On min geometric generalized Paretoprocess and their applications in financial modelling" STARS, (2007), Vol: 1, 18-29.
- 4 **Johny Scaria** "Distribution of extremes of r^{th} Concomitant from the Morgenstem family", Statistical papers Germany,(2008), Vol :49,109-119.

5 **Johny Scaria** “Estimation of the reliability geometric distribution” Vijnan Chindamani, e-journal [http://www.sngcollege.info,\(2007\)](http://www.sngcollege.info,(2007)).

6 **Johny Scaria** “Oorjasolatha Daivanubhavangaliludhe” (2008), Campus light.

Zoology

1 **Shaju Thomas** “Copepods of Peninsular India” a chapter in the book ‘invertebrate diversity and conservation in the Western Ghats’ by Ashoka Trust for Research in Ecology and the Environment, (atree), Bangalore, India-(In press).

2. **Sasikala K. Joseph** “Fresh Water Copepods of Peninsular India” (atree), Bangalore, India Book, (in press).

Physics

1. **Jaseentha O.P and C.S. Menon** “Characterization of optical, electrical and structural properties of Silver phthalocyanine thin films”, Journal of Materials Science: Materials in electronics, DOI 1007/S10854-007-996-0, (2007).

2. **Jaseentha O.P and C.S. Menon** “Optical characterization of Zinc hexadecafluoro phthalocyanine thin films”, Science and Society, Vol: 5(2), (2007)136-139.

3. **Jaseentha O.P and C.S. Menon** “Electrical characterization, optical studies and effect of gamma radiation on Zinc hexadecafluoro phthalocyanine thin films”, Journal of Materials Science: (communicated).

3. **Dr. Thomas Varghese** “Electron Momentum Distribution of Ag”, Science and Society, January – May, 2008, Vol: 6(1).

Economics

1. **T. M. George**, Trends in Vital Events among Christians in Kerala and New York **Science and Society**, NARP, Vol.VI, No.1 (forthcoming)

2. **T. M. George**, Historical Demography and Parish Data, **Science and Society**, NARP, Vol.5. No.1. January –June 2007, 79-94.

3. **J. Georgi Neernal**, Demographic Transition and Population Ageing, in Demographic Changes and Challenges to Development, George T.M., (ed.) Nirmala Academic and Research Publications, 2008.

4. **Emmanuel Thomas & T.M. Jacob**, Explaining Demographic Transition in India, in Demographic Changes and Challenges to Development, George T.M., (ed.) Nirmala Academic and Research Publications, 2008.

Malayalam

1. **Dr. Seelia Thomas P** “Dhrusia Madhyamangal Visakalanam Cheyyappedumbol”, Kauthukam, March 2007, Vol: 63,6-8.
2. **Dr. Beenamma Mathew** “Prenayathinte Vilapakavyangal”, Vijnana kairali Thiruvanthapuram, December 2007.
2. **Dr. Beenamma Mathew** “Rosemary kavithakalile prakruthi chithrangal”, Sahatya Academy Thrissur, August 2007.

English

- 1 **Valsa George** Eliot’s “The Love Song of J. Alfred and Prufrock and Browning’s Andrea del Sarto” – a study in Comparison from a psycho analytic Perspective, Science and Society, January – June 2007, Vol :5, 95-102.

Botany

1. **Sr. Tessy Joseph** “Pharmacogenistic Studies of Enephentopus scabe. An antidysentric drug. Geobios. (accepted)

b) Books

Sl No	Author/Dept	Title	Content	Publisher
1	Valsa George	Collections of Poems	Poems	NARP
2	TM. George	Demographic Changes and Challenges to Development	Papers presented in the state level seminar held in 2007	NARP
3	MGS Narayanan	Colonial Modernisation in Kerala	Msgr. Thomas Nedumkallel Endowment lecture 2007-08	NARP
4	T.M. George	The Extent of Poverty and Inequality - A study based on Consumer Expenditure in Kerala	Study	NARP
5	Science and Society	Vol.5 No.1 & 2	Peer reviewed international journal	NARP
6	Sr. Prasanna et al	Campus Light	Inspirational magazine for 2008	NARP

c) Presentations

Physics

1. **O.P. Jaseentha and C.S. Menon**, “Dependence of Gamma radiation on the electrical and optical properties of hexadecafluoro phthalocyanine thin films” National seminar, Christian College, Chegannur March 27-29,(2007).

2. **O.P. Jaseentha and C.S. Menon**, “Dependence of annealing on electrical, optical and surface morphological studies of Cobalt hexadecafluoro phthalocyanine thin films” International Conference on Advanced Materials, Feb.18-21, M.G. University, Kottayam (2008) accepted.

3. **O.P. Jaseentha, C.S. Menon and L. Godfrey**, “Effect of substrate temperature on electrical, optical, structural and topological studies of Silver Phthalocyanine thin films” International conference on Advanced Materials, Feb.18-21, M.G. University, Kottayam(2008)accepted.

4. **O.P. Jaseentha and C.S. Menon** “Electrical and optical studies of Zinc hexadecafluoro phthalocyanine thin films for gamma radiation dosimetry” International Conference on Advanced Materials, Feb.18-21, M.G. University, Kottayam(2008) accepted.

Zoology

1. **Shaju Thomas** “Biodiversity for ESD” Sponsored by UNESCO & MoEF, conducted at CEE Ahmedabad , 24-28 Nov.2007.

2. **Shaju Thomas** “Responsible Tourism” Sponsored by DTPC. Trissur, Organised by Naipunya College, 3-1-2008.

Chemistry

1. **Thresiamma George** “Morphology Tuning of tungstate nanocrystals by soft chemistry” First Sharjah international conference on Nanotechnology and its Applications, American university of Shariah, UAE and the university of Sharjah. 10th & 12th April 2007.

2. **Thresiamma George** “ Visible- Light Photocatalytic Activities of B-AgVO₃ Nanorods and BiVO₄ Nanobars” International Conference on Advanced Materials, ICAM-2008, SCS, M.G. University Kerala, Sponsored by DST, CSIR, DRDO, BRNS, 18th & 21st Feb.2008.

Statistics

1. **Johny Scaria** National Conference on Statistics, Computer and Applications on 16-18, Nov., 2007 at Dept. of Statistics St. Thomas College, Pala.

2. **Mathachan Pathiyil** “Bayes estimators of the reliability measures of geometric distribution using records”, National conference on Statistics and Applications on 15-17. March 2008, Farook College, Kozhikode.

3. Seetha Lekshmi V. “Discrete Analogue of Laplace Distribution and its generations with application in the Time Series Modelling” National conference on Statistics, Computer and Applications on 16-18.Nov.2007, Dept. of statistics St. Thomas College Pala.

4. **Seetha Lekshmi V.** “Discrete Laplace Distribution its generations with application in the Time Series Modelling and Stress- Strength Analysis” National seminar on Statistical methods and reliability on 28-30 January 2008, CUSAT, Cochin.

Malayalam

1. **Fr. Vincent Joseph.** “Arangite Parinamum”, Refresher course on December 15, 2007, Academic staff college Thrivandrum.

Hindi

1. **Dr. C. Viswanathan** “Critical study on the poems of DINKAR”, National Seminar on February 8th, 2008, CUSAT, Cochin.

g) Co-curricular and extras curricular activities

College Union

The college union elections were conducted on 18th October 2007. The following members were elected to the college union executive.

Sujith P.K.	-	Chairman,
Anjuraj K.R.	-	Vice Chairman,
Dinoj K.J.	-	General Secretary,
Ajay Prasad	-	Editor,
Rathish Vijayan	-	Arts Club Secretary,
Manoj P.B. and Unmesh PS	-	University Union Counsellors.

CSM

Activities of CSM for the academic year was formally inaugurated on 19th September 2007 by His. Excellency Lawrence Mukkuzhy, Bishop of Balthagady. Divine Symphony by CSM Music Ministry lead by Rev. Dr. Francis Nambiaparambil was the star attraction of the day. Rev. Sr. Celine. Dept. of Chemistry and Smt. Rani Mathew, Dept of English guided the activities of CSM. Cecil Paul of II year degree and Jose Augustine of I year degree were chosen president and secretary respectively.

"Thuvanisa", a spiritual rejuvenation program organized for girl students in the Capuchian provincial House, Aluva was attended by Tania Mathew, Divya James and Mable Baby. 28 students represented the unit in the "South Asian Conference", the

international Jesus Youth gathering at Bharata Mata College, Thrikkakara in the month of December. Jose Augustine, Cecil Paul and Sajan Thomas participated in the "Campus Conference", a programme for Jesus Youth Campus leaders held at St. Therasas College, Ernakulam from 24th – 28th August. Neenu Jose of I BCA participated in the training programme "Campus Warriors" organized at POC, Edakochy. Nirmala College was the venue of "Campus One-day" and "Zonal One-day", two animation programmes conducted on 8th November and 2nd December 2007 respectively.

In the month of October a Ten Day rosary devotion was conducted in the college chapel under the guidance of CSM. Students of various departments taking turns led the rosary. Every first Friday holy mass was offered in the college chapel. In order to strengthen the spirit of Jesus in the inmates of the college, prayer meeting was conducted every Wednesday without fail.

The prestigious inter-collegiate competitions -Rev. Dr. Vallamattam Debate was organized on 10th October 2007 under the auspices of CSM. 12 teams participated in the Rev. Dr. Vallamattam Debate. Assumption College Changanacherry bagged the first prize and Alphonsa College Palai won the second place. Phijo Joseph of Govt. Law College Trichur was adjudged the Best debator and Sibin Mathew Medayil of Govt. Law College Ernakulam came second.

On December 8th, in connection with the Christmas celebrations department wise carol singing competition was organized under the auspices of CSM. Department of Zoology and Dept. of Economics bagged the first and 2nd prizes respectively.

The intercollegiate Elecution competition for Bishop Mathew Pothanamuzhy Prize was held on 15th February 2008.

CSM organized a stall in the annual exhibition organized in the college

Science Forum

The first meeting of the Science Forum was held on 9.10.2007. Lijo Thomas of II DC and Bijosh M.B I DC were the office bearers of the academic year 2007-08.

The inaugural function of the Forum was conducted on 20.11.07. The chief guest of the day was Prof. John Joseph, Department of Computer Science, Viswajyothy College of Engineering Technology, Vazhakulam. A talk on "Career Prospects in the corporate World" was given by Prof. John Joseph on 20.11.07. Audiovisual programmes on science subjects were also conducted. An essay competition on a topic in an emerging area of Science was conducted.

Oratory Club

Oratory Club aims at developing the Oratory and communicative skills of the students. The club conducts debates and discussions at intervals and resource persons are hired to give training in public speaking.

Activities of the Oratory Club in the academic year 2007-08, started with first General body meeting on 3rd October 2007. The meeting was presided over by Prof. Lizamma Abraham K. (Department of Economics). Dr. Saneesh P.B. (Department of Malayalam) and Mr. Joby Jose (Department of Economics) motivated the students by describing the aims and significance of these club in their students life.

An extempore speech Competition was organised by the club on 3/10/07. A team of six members was selected by the judges from this programme to represent the College in intercollegiate programmes. The organisers of the club gave special training to these selected students for debate, elocution and group discussion, there after they represented the college in various intercollegiate competitions and won prizes. The names of the major programmes participated by the members are given below.

1. 10-10-07 :- Dr. John Vallamattom Memorial debate Competition held at Nirmala College.
2. 28-12-07 :- Four club members participated in the G.D. competition held at TOCH public school
3. 12-11-07 :- Debate Competition organised by S.B.College, Chenganassery.
4. 27-11-07 :- Debate Competition organised by St,Alosyus College,Edathuva.
5. 27-12-07 :- Debate competition and Elocution Competition conducted by Gandhi study centre Thodupuzha.

College union and the Oratory Club jointly organised elocution and debate competition in Malayalam.

The Oratory Club could make effective intervention in enhancing the communicative skills of students, their oratory skills, their interactive Potentials and above all contributed to raise the confidence level of students.

Youth Red Cross

Youth Red Cross is an active wing of Indian Red Cross Society to build up the personality of youth and to inculcate the ideals of love and service among the younger generation especially college students. YRC envisages development of the civic consciousness directed towards humanitarian and philanthropic activities with tolerance and service.

Our YRC unit started its functioning in the month of November 2007, and Mr. Aloysius Sabu N, Dept. of Physics took the charge as Programme Officer. The unit has 30 members. Ms. Binsy Babu of II DC is the President and Ms. Thazny Abdulla is the Secretary of the unit. They attended the two day camp organized by the Indian Red Cross Society, District Branch, Ernakulam in November 2007.

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. 99 Students from various disciplines were enrolled as new members of the club during the year 2007.

The club organized a seminar on "Lending Schemes of Commercial Banks" on 7th August 2007. Sri T.P. Ramachandran Nair, Senior Manager, The South Indian Bank Ltd., Muvattupuzha has delivered the keynote address and shared his experience. Followed by Sri Shiek Moideen, Asst. District Industries Officer of Muvattupuzha took class on "The Latest Regulations and Developments in the Industrial Sector".

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..

Tourism Club

The tourism club continued its journey towards inculcating the spirit and awareness of the best tourism practices among students. During 2007-08 the club conducted a tour to Kalvary Mount Eco Tourism Centre, 15 members participated. Other activities of the club include talks, exhibition of documentaries of tourist destinations etc. The club maintained a collection of tourism maps of important tourism destinations in India.

Women's cell

The women's cell of our college monitors the activities and needs of the women community of the college. A general body meeting was convened in the college auditorium on 01.08.2007. Kum Alby Joseph III DC, Kum. Meril Mathew III DC and Kum. Naina P Jayan II DC were elected as President, Secretary, and Joint secretary respectively.

The activities of women's cell of this academic year were inaugurated on 07.09.2007 by Prof. Dr. Raseena Padmam, Director, School of Behavioral Science, M.G. University; Kottayam. About 45 students and two teachers Mrs. Lisamma Abraham K. and Ms. Sonia John Markose participated in a one day seminar on 'Women empowerment' at Mela Auditorium, Muvattupuzha on 14.08.2007.

A one day seminar on 'sex education and family life for girl students' was conducted by Sr. Germaine, on 24.11.2007.

An interdepartmental Group dance competition was conducted on 26.11.2007. Departments of Communicative English, Commerce and Zoology won the first, second and third prizes respectively. A two day workshop in cloth printing was conducted in coordination with E.D. club. 48 members including students and public participated in the programme. The activities of the cell of this academic year are coordinated under the supervision of Dr. Marthakutty Joseph and Ms. Lissamma Abraham K.

Nature Club

The first meeting of the members of the club during the academic year was held on 14.9.2007. Sreekanth T.R II DC, Suchithra Lal III DC, Muhammed Rizwan I DC were elected the office bearers

The executive committee met 8 times during the academic year, chalked various programmes, evaluated the activities of the club and motivated the members to get involve in nature conservation through their words and deeds.

The major activities conducted are:

- ✓ **Membership Campaign** : 40 new members joined the club. The total membership is now 84.
- ✓ **Inauguration** : The inauguration of the club was done by Dr. John Peruvanthanam (noted environmentalist) on 31.10.2007.
- ✓ **Film Show** : The club screened "An Inconvenient Truth" by Mr. Al Ghore who won Nobel Peace Prize in 2007.
- ✓ **Nature Quiz Competition** : Nine teams participated. The winners were
 - Fist team - Basil Thankachan III K C
Ajith Kumar M III K C
 - Second - Shahul Hameed A II P
Lijo Thomas II P.
- ✓ **Field Study Trip**: Club members visited Dr. Salim Ali Bird Sanctuary, Thattekkadu in the first week of February 2008.

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

Dr. James George, Department of Hindi served as the convener of the club. Lince V. Jose, I year PG and Jordy Joseph of II year degree served as Secretary and President to the club respectively.

The formal inauguration of the activities of the club was done by Dr. Jose George, former secretary of the 'Sangeetha Nataka Academy' on 9th November 2007. Principal Rev. Dr. George Thanathuparambil presided over the function. The chief guest delivered a valuable talk on 'Campus Film Theory'. He also presented some interesting short films. The campus film made by M.A College Kothamangalam caught the attention of the entire campus community.

The club arranged an interesting programme on 4th December 2007. 'Oridom' a very good film on the lives of sex workers was presented in the auditorium. Entire college watched that programme. The director of the film Pradeep Nair interacted with the students. He clarified the doubts of the students regarding film making.

Varnasala

Varnasala guides and motivates its members through seminars and workshops on different topics relating to Fine Arts, and encourages by conducting exhibitions of their creative works.

Varnasala conducts competitions in painting, drawing, cartooning and poster designing every year. The annual painting exhibition - 'Chithramela' - is a time for the budding artists of Nirmala to showcase their talent and provide a feast to the art-lovers of Nirmala.

The activities of Varnasala for the academic year 2007-2008 started with a General Body Meeting held on 9th October 2007. Prof. E. V. Krishnan Nampoothiri, Co-ordinator

of Varnasala presided over the meeting. About Thirty students were present and as most of them were freshers, they were given awareness about the aim and activities of Varnasala. Mr. Cris Thomas, the first President of Varnasala inaugurated the activities of the year and shared the experiences of the past with the new comers of Varnasala.

Rahul Mathew II K (President), Mr. Praveen R. K. II B (General Secretary), Fathima Beegum I CE (Vice President), Juna Rishin Sulfikar I CE (Treasurer) were elected as the office bearers.

To ignite the creativity of the students, Varnasala conducted Painting Competition, Pencil Drawing and Cartooning competition on 31st Nov., 3rd Dec. and 4th Dec. 2007 respectively. The Prizes were awarded on The Talent Day.

Varnasala conducted its prestigious Annual Painting Exhibition - 'Chithramela' - on Friday, 25th January 2008. Like the past 10 years, this year also, almost all the members of Varnasala participated in the event. Over 100 pictures were exhibited. It included paintings, drawings, cartoons, portraits, photographs worked with different mediums such as pencil, charcoal, water color, oil colour, acrylic etc. Cash awards were awarded for the Best Participants of the 'Mela'.

Quiz club

Quiz club is formulated to creativity among students, and to offer a wide variety of information that will lead to all round development of students. Quiz club conducts an annual quiz programme and send students to participate quiz programmes in different institutions.

Physics Association and the Department together organised Golden Jubilee Inter Collegiate Physics Quiz on 05.12.2007. 17 teams from various colleges participated. After screening only 5 teams were selected for the final round. The team from Christ College, Irinjalakuda secured the first prize and the second prize won by the team from S.H. College, Thevara.

During the Commerce Fest (*Deus vault 2007*) conducted on 6th December 2007, an Inter Collegiate Business Quiz was organized - Sarin P & Swami C N Govt. Medical College Kozhikode (I Prize) and Renjith Johny & Shinto M Jose, Deva Matha College Kuravilangad (II Prize) were the winners.

Department of Statistics organized All Kerala Inter-collegiate Quiz competition(M. G. University region) on 2-02-2008.

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 2nd 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

This year the club collected the names of the singers (from boys and girls) and they were given chance to sing their favourite song on another day. After several screening tests we selected six students (3 boys and 3 girls). These students have been given opportunity to reveal talents in the stage in order to find out the best male and female singer of the College. The club conducted a music competition called "Monday Melodies" in the auditorium on 28.1.2008. A brief introductory and welcome speech was done by Sri. P. P. Thomas before the commencement of the programme. Mr. Praveen V. Dev, IV Z and Kumari Sapnja Sasidharan, III P were declared winners. The winners and the other participants were honoured with valuable prizes. Prizes were given on the spot by Rev. Dr. George Thanathuparambil, Principal of the College. Mr. Ratheesh Vijayan, Arts Club

Secretary made vote of thanks. The programme was compered by Francis K.J., the Co-ordinator of the Music club.

College Day Celebrations

The college day was celebrated on 15th February 2008 with a variety of cultural programmes by students. The celebrations were inaugurated by Sri. P. Surendran, orator and writer. The reports of the activities of the academic year 2007-08 was presented by the Principal and the report of the college union activities of the current academic yeas was presented by Dinoj K.J., General Secretary to the College Union.

Academic Extension Programmes

Department of chemistry organized a workshop on “Capacity Building in HRD” on 1.12. 2007 . The Department of Commerce in association with ED Club organized a training programme on “Training on Cloth Printing” on Jan. 12 & 13 of 2008.

Department of Commerce collaborates with Rajagiri College of Social Sciences to run a certificate course in Personality Development. It also collaborates with the Institute of Cost and Works Accountants of India to conduct the Foundation and Intermediate Course in ICWAI Examination.

h) Value education

The vision statement of the college is that “the college aims at the integral development of personality coupled with integrity of character based on Christian ideals”. First hour of every Wednesday is allotted for value education in the college. During 2007-08 15 sessions of value education were conducted. Discussion notes were prepared and distributed in advance to the class teachers/tutors. This year’s value education classes began by discussing the mission and vision of the college. Important themes which were covered during the year included Silence – the Ultimate Source, Positive Addition, Moulting to Adulthood, Role Models, Positive Attitude, Campus Culture and Tips for Preparing for Examinations. Towards the end of the academic year essay writing competition was conducted on the basis of themes discussed during the year. Topic for the essay was ‘Students and Misuse of Technology’. The winners of the competition were awarded prizes.

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. Beauty culture by the Department of Economics
7. 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 2007-08. 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. At the end of the academic year prizes were given to meritorious students for their active participation in the programme.

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. A yearly evaluation is conducted to evaluate the performance of all departments.

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 January 2008 by the IQAC.

4. Interdisciplinary Programmes started

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 at by the college. The department of Economics arranged Budget evaluation as an interdisciplinary programme immediately after the central budget.

The annual Science exhibition conducted on 25th January 2008 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. Invariably, third hour of every Monday is assigned for test papers in final year degree and PG classes in the economics department. 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 – 1 (Economics)

Number of candidates qualified SET – 1 (Chemistry) & 2 (Hindi)

7. Total number of seminars/workshops conducted

Number of seminars conducted – 6

Number of workshops conducted – 2

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 Formation in Higher Educational Institutions
Dr. Thomas Varghese	UGC	75,000	Minor	Studies on Gamma ray Compton profiles of some high Z elements
Dr. T M Jacob	UGC	85,000	Minor	Extending common principal components analysis to the calculation of development indices
M M Mathew	UGC	55,000	Minor	The contributions of Malayalam writers to Hindi literature
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
Dr. Shaju Thomas	UGC	55,000	Minor	Dr. Salim Ali Bird Sanctuary –

Ongoing Research Scholars

Full Time

Sl. No	Name	Department
1	Josekutty J. Ozhukayil	Chemistry
2	Jose Augustine	English

Part Time

1	Jaseentha O.P.	Physics
2	Amstrong Sebastian	English
3	Bijimol Thomas	English
4	Vincent George	Malayalam
5	Fr. Vincent Joseph	Malayalam
6	Sasikala K. Joseph	Zoology
7	Ramani Ammal A.	Hindi
8	Mathachan Pathiyil	Statistics
9	Mohanan M.K.	Commerce
10	Joy Mathew	Commerce
11	Sunny Joseph	Physics
12	Thresiamma George	Commerce
13	Joy Joseph	Politics
14	Joseph T.J.	Malayalam
15	Emmanuel Thomas	Economics
16	J. Georgi Nernal	Economics
17	James Joseph	Commerce
18	Leena John	Botany
19	Saji Joseph	Mathematics

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

10. **New Collaborative research programmes**

Statistics

- Continuing the collaboration with **Rajeev Gandhi Centre for Biotechnology** in identification of Wild gingers of Kerala.

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

- Collaboration with Colour India Paints &.Inks Pvt. Ltd, South Vazhakulam, Alwaye.

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 the Tourism Department, Govt. of Kerala in promoting eco- tourism and adventure tourism
- The Department collaborates with Kottancheril 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 entered into a tie-up with SSI Ltd. to conduct a certificate programme on computerized accounting using Tally professional software
- 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. 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.

11. Total research grant received from various Agencies : Rs. 6,74,719
12. **Number of Research Scholars** : 45
13. **Citation index of faculty members and impact factor** :

1. Dr. Marthakutty Joseph, Dept. of Chemistry

No. of Research paper publications: 06

Sl. No.	Name of the journal	Impact factor	No. of papers	Total impact factor
1	Polyhedron	1.957	3	5.871
2	J. Molecular structure	1.44	1	1.44
3	Spectrochimica Acta, Part A	1.29	1	1.29
4	Synth. React. Inorg. Meta-organic chemistry	0.576	1	0.576

Total impact factor – 9.177

2. Dr. Johny Scaria, Dept. of Statistics

No. of Research paper publications: 04

Sl. No.	Name of the journal	Impact factor	No. of papers	Total impact factor
1	Biometrika	1	1	1
2	J. of Applied Statistical Science	0.306	1	0.306
3	Statistical papers	0.311	2	0.622

Total impact factor – 1.928

3. Dr. Sethalakshmi V., Dept. of Statistics

No. of Research paper publications: 04

Sl. No.	Name of the journal	Impact factor	No. of papers	Total impact factor
1	Statistical Theory and Methods	1.477	1	1.477
2	Statistical papers	0.311	1	0.311
3	Journal of Applied Statistical Science	0.306	1	0.306
4	Statistics and probability letters	0.288	1	0.288

Total impact factor – 2.405

4. Dr. T. M. Jacob, Dept. of Statistics

No. of Research paper publications: 01

Sl. No.	Name of the journal	Impact factor	No. of papers	Total impact factor
1	Statistics Theory and methods	1.477	1	1.477

Total impact factor – 1.477

5. Thomas Varghese, Dept. of Physics

No. of Research paper publications: 02

Sl. No.	Name of the journal	Impact factor	No. of papers	Total impact factor
1	India Journal of Physics	0.072	2	0.144
2	Journal of Physics IV	0.389	1	0.389

Total impact factor – 0.533

6. Sunny Joseph, Dept. of Physics

No. of Research paper publications: 03

Sl. No.	Name of the journal	Impact factor	No. of papers	Total impact factor
1	Journal of Physics IV	0.389	1	0.389
2	Pramana Journal of Physics	0.38	1	0.38
3	Journal of Nano particles	1.699	1	

Total impact factor – 2.468

7. Thresiamma George, Dept. of Chemistry

No. of Research paper publications: 03

Sl. No.	Name of the journal	Impact factor	No. of papers	Total impact factor
1	Journal of Physics IV	0.389	1	0.389
2	Pramana Journal of Physics	0.38	1	0.38
3	Journal of Nano particles	1.699	1	1.699

Total impact factor – 2.468

8. Jeceentha O.P., Dept. of Physics

No. of Research paper publications: 01

Sl. No.	Name of the journal	Impact factor	No. of papers	Total impact factor
1	Journal of material science - EL	0.781	1	0.781

Total impact factor – 0.781

9. Sr. Tessa Joseph, Dept. of Botany

No. of Research paper publications: 01

Sl. No.	Name of the journal	Impact factor	No. of papers	Total impact factor
1	Journal of Geobios – LYON	0.817	1	0.817

Total impact factor – 0.817

14. Honours and Awards to the Faculty

Nirmala College was Accredited with ‘B++’ Grade (Institutional score 82.7%) by National Assessment and Accreditation Council **on 31st March 2007.**

Nirmala College Muvattupuzha secured **the Best College Award** instituted by the Xavier Board of Higher Education, Kerala North Region for the year 2006-07. The Award is given in recognition of excellence of the College in curricular and extra curricular activities with special emphasis on values in the campus.

Rev. Dr. T. M. George, the Principal has been selected for Dr. Sam Higginbottom National Award for 2006-07. This award is given to **the Best Principals** for their innovative contributions in academic and administrative field. The All India Association for Christian Higher Education, New Delhi has instituted this award to recognise outstanding innovations in the field of Higher Education.

Prof. George Varghese, Vice Principal and faculty member of dept. of Physics has been selected for Mahnami Charitable Trust **‘Best Teacher Award’ for 2006-07** instituted by Alumnus of the College.

Prof. Valsa George, faculty member of dept. of English has been selected for Mahnami Charitable Trust **‘Best Teacher Award’ for 2007-08** instituted by Alumnus of the College.

One faculty member namely Rev. Sr. Tessa Joseph was awarded Ph.D. in Botany from Pune University and one faculty member wise Sri. J. Georgi Neernal, has awarded M.Phil from Madhurai Kamaraj University. Mr. Mathachan Pathiyil submitted the Ph. D

thesis titled “Some Inference Problems Related to Geometric Distribution” to the M. G. University on July 10, 2007 and Ms. Jaceantha O. P. submitted the Ph. D thesis titled “Electrical Characterisation, optical studies and the effect of Gama Radiation on AgPc, F₁₆CoPc and F₁₆ ZnPc Thin Films” to the M. G. University on 27th December 2007. Dr. V.C. James has awarded ISSF (International Shooting Sports Federation) Diploma. He has completed a course for Judges and Officials approved by ISSF and organized by the National Rifle Shooting Association of India in New Delhi from February 1st to 12th 2008.

15. Internal Resources generated

Internal resources to the tune of Rs. 4,00,000 has been mobilised by the college from parents and benefactors for the installation of a Transformer 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.

NSS (National Service Scheme)

Program Officers Dr C. Viswanathan, Sri. Joy Joseph, Ms. Mary P. C.

Volunteer Secretaries: Sony Joseph II H, Noufal Muhammed II B, Praveen P P II K,
Ananthalakshmi C II E, Vineetha Venugopal II CE

Activities of the year started with an awareness programme against Chikun Gunea, Dengue fever and Viral fever arranged in collaboration with Avoly Grama Panchayath on 22nd June 2007. Sri Akhilesh K, President, Avoly Grama Panchayat inaugurated the distribution of preventive medicines. Dr. Gracy Ithacc, Dr. E L Raju and Sri P S Subeer gave a very detailed description about the nature, origin and spread of the above virus and about the treatment in Allopathy, Homoeopathy and Ayurveda.

On 6th & 7th August a campaign on NSS was done in all First degree classes. Sri. J. Georgi Neernal gave orientation for new volunteers on 22nd August.

Mini camps

The first mini camp was conducted on 12 to 14th October 2007. Hon. Justice K.B. Koshi (High Court of Kerala) inaugurated the camp. Rev. Dr. T M George (Principal, Nirmala College) presided over the meeting. Sri. Thomas Pallickaparampil (MACT Muvattupuzha) and Adv. N. Ramesh, President, Bar Association Muvattupuzha took classes on legal awareness .

The volunteers participated in playground construction and campus cleaning. Debates, personality development classes, group discussions and cultural programs enlivened the camp.

Second Mini camp, was conducted on 16 to 18th November 2007. Principal Dr. T M George inaugurated the camp. The keynote address was given Sri. Babu Joseph (Nirmala HSS Muvattupuzha). The enlightening and inspiring talk gave new dimensions to academic life and community service. Volunteers had done a commendable task on campus beautification. The days were made resplendent by the variety entertainment programs

Special Camp 18th –28th Dec. 2007

The annual Ten day camp is the most cherished program of the NSS volunteers since it inculcates the spirit of group living, sharing of responsibilities, mutual help association with the village people, and the feeling of fraternity oneness and concern.

This years Ten day camp was conducted in Poochapra a tribal village about 21 kms away from Thodupuzha, Idikki Dt . Reconstruction of the Grameen roads in the 10th ward of Velliamattom Grama Panchayat was the major activity of the camp. 135 volunteers along with the program officers participated in the camp.

Distinguished personalities from different walks of life paid a visit to the camp and felicitated the campers. Sri. Francis George M P., Sri. Roshi Augustine MLA, Sri P T Thomas Ex MLA, Smt. Sheela Stephen (Member District Panchayat) and took classes on “Procedure of Indian Parliament”, “Youth and social service”, “ Personality development through NSS”, “Importance of personal relations”.

The volunteers were benefited by the profound talks given in the following topics. “Youth and work culture”(Dr. Lalji Mathew), “Anti ragging Laws” (Adv. Prince J. Pananal), “Group Dynamics” (Prof. Raju D Krishnapuram), “Youth and Vision” (Dr. Sabu Varghese), “Women Empowerment”(Sri. K P Venugopal).

The evenings of the camp programs like, workshops debates, discussions, speech practice and cultural programs etc enriched days. The local people wholeheartedly participated in all programs A very fruitful attempt made by the volunteers is the socio economic survey in the tribal colonies in Poochapra.

NSS volunteers mobilized a fund of Rs. 70, 000 to build a house for a poor family in the home Panchayat. NSS adopted an orphan and educational expense of Rs. 3500 is met by NSS. A sum of Rs. 12304 is collected for the Pain and Palliative Clinic, St. George’s Hospital ,Vazhakulam.

NCC (NATIONAL CADET CORPS)

The year 2007-2008 was a remarkable academic year for the N C C activities. Aneesh P Karunakaran of III Mathematics was appointed as the Senior Under Officer and Remya M V of III Mathematics was appointed as the senior of ladies wing. Five Sergeants Nizamudheen P B, Vishnuprakash, Sanish P Balan ,Sreeja N M ,and Priya Thomas were appointed as Under Officers. An executive committee was also formed under the commanding of Lt Dr V C James.

The activities of NCC was inaugurated by Col Yohannan I, commanding officer of 18 (K) Bn NCC on 22-8-2007. The cultural events presented by N CC cadets was highly applauded. Our band and guard team play a vital role to add colour to the functions. Sgt Sreekanth T R was selected as the band senior .Our band troop play a vital role in all programs arranged by the college and the University. Our band team performed a band display at M G University Kottayam on 2-10-2007. A band display was also arranged in the College in connection with Alumni meeting on 13-1-2008. Our Guard team lead by UO Nizamudheen P B gave Guard of Honor to Group Commander Col Yohannan I on 22-8-2007. We add colour to the Independence Day and Republic day programs arranged by the Muvattupuzha Municipality. Besides the usual parades; our unit has conducted several activities throughout the year.

Our unit conducted a one day cycling expedition to Thattekadu bird sanctuary on 22-11-2007 taking the message of environmental safety and nature conservation. Fifty cadets participated in this event. The adventurous trekking to Ranikkallu near Neriya Mangalam on 20-1-2008 was a unique experience for the cadets .The expedition was flagged off by Rev Fr Dr Geroge Thanathuparambil at 8.00 AM. It was a marvelous experience for the cadets. Forty boys and twenty five girl cadets participated in the one day trekking expedition.

Our unit hosts the B certificate exam. Many of the cadets attended various camps in this year. Sgt Sreenath K P and Sgt Basil Jose were selected to represent the R D Contigent of Kerala CSM Appu K A attended the ALC at Asansole, W Bengal. Sgts Prasidh Prasad and Rahul Mathew attended the N I C at Mumbai. Sgts Sachu P S and Asha K Jose attended the NIC at Nagpur. Cpl Jijo Sunny attended the Munnar trekking expedition. Cpl Ashly Jose attended the NIC at Kozhikode. Sgts Vishnu Prasadhu and Sreekanth T R attended the pre T SC at Changanacherry.

All together the year 2007-2008 was a remarkable year in the history of Nirmala College NCC unit. We are very grateful towards the Principal, Vice Principal, Bursar and all the well wishers who are assisting the unit to achieve greater heights .We the cadets of

the Nirmala pledge to strive for the betterment of our nation. We are dedicated and patriotic to achieve the goals of NCC.

Department of Chemistry involved in the extension activities of the college.

✓ DRC estimation of natural rubber latex

✓ Soap manufacturing workshop

Dr. Shaju Thomas, Dept. of Zoology was the Chairman of “*Prakruthi Sahajeevana padhathi*” of the Muvattupuzha Block Panchayath for Environmental Education at 48 select schools. Collaborates with Muvattupuzha Municipality for EE activities.

Consultancy

Department	Field or Area of consultancy	Name of the faculty
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 : Nil

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 430 new books were purchased during 2007-08 and the cost was rupees 97126/-. The number of journals subscribed during 2007-08 were 72 and the cost for the same was Rupees 56288/-.

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.

23. Unit cost of education

The unit cost of education including salary component is Rs. 28909/- and excluding salary component is Rs.11984/-

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. Salary section and Income Tax section of the office are fully computerized and the works of other sections are being computerized.

25. Increase in the infrastructural facilities

Installation of a new Transformer to remedy the voltage problem

26. Technology upgradation

All the departments are using computers for documentation and presentation of data. OHP, Slide Projector and five 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.

One Lap top and three computers were added this year to the existing stock.

28. Financial aid to Students

The best students of B Sc. Physics Conventional and B Sc. Physics (Voc) were given fifty dollars each by an alumnus of the Chicago chapter. 22 Degree students and 32 Postgraduate students have got state merit scholarship. Six degree students and five postgraduate students have got Muslim/Nadar girls Scholarship. 501 students have obtained KPCR fees concession. 37 degree and 32 postgraduate students have got University merit Scholarship. One degree student and one postgraduate student have got physically handicapped scholarship. 64 degree students and 20 postgraduate students have got Hindi Scholarship. Financial aid of Rs. 19000/- were granted by the Department of Commerce. 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 Bahrain Chapter of Nirmala College Alumni Association has instituted cash awards to the toppers in the university examination in all the degree courses in Nirmala College. The alumni association instituted a "best user award". The association also publishes a newsletter annually and maintains a website of its own.

Alumni Day 2008 was celebrated on 12th January 2008. Hon. Justice. V.K. Mohanan, High Court of Kerala was the Chief Guest. The teachers and Jubilerian batch (1958 pass outs) were honoured by presenting them with a memento and ponnada. The outgoing students were inducted as annual members of the Alumni Association.

The different awards sponsored by the Mahanami Charitable Trust through the association was distributed at the Talent Day of the college on January 30th 2008.

The Best Teacher Award instituted by Mahanami Charitable Trust through the association was distribute on the College Day of the college on 15th February 2008.

This year Dr. T.M. George Principal, and Mr. T.K. Ramakrishnan President of the Alumni Association participated in the Fifth Alumni Day celebrations of the Bahrain chapter conducted at Manama in the Kingdom of Bahrain on 3rd November 2007.

30. Activities and Support from the Parent-Teacher Association

The PTA having been constituted as per the statutes is active in the college. The PTA assures the participation and co-operation of the parents and teachers in the all round development of the students of the college. This year also the PTA raised substantial funds for the installation of a transformer in the college campus on order to overcome the voltage problems. General body of PTA was held on 26th October 2007 and 21st February 2008 to assess the progress of students immediately after the first and second internal assessment examination respectively. Separate PTA meetings are held by various departments in the current academic year also. There are frequent contacts with the guardians over phone and other means to keep them informed of their ward's progress from time to time. The membership fee is collected during the time of admission. Parents are encouraged to meet the staff members in order to facilitate co-operation and collaboration in our educational work.

31. Health Services

Medical inspection is conducted for all students. Classes are given on hygiene and cleanliness. An ecofriendly campus with waste bins at required places is kept up. Under the initiative National Service Scheme an awareness programme against Chikun Gunea, Dengue fever and Viral fever arranged in collaboration with Avoly Grama Panchayath on 22nd June 2007. Dr. Gracy Ithacc, Dr. E L Raju and Sri P S Subeer gave a very detailed description about the nature, origin and spread of the above virus and about the treatment in Allopathy, Homoeopathy and Ayurveda. Blood group identification was conducted by the involvement of Blood Donation Club.

32. Performance in Sports Activities

This year the activities of the department of Physical Education started in the first week of June itself. Coaching camps for Volleyball, Football and Handball were conducted with the help of eminent coaches. This year we bagged many prizes in games. Our Handball team brought the winners trophy by winning the M.G. University Handball Championship held at Assumption College Changanachery. Our outstanding seven players

have got Selection to the M.G. University Handball team and they participated in the South Zone inter University championship held at Gundur in Andhra Pradesh.

The Handball team participated in the state Championship and state senior championship. Dhanesh K and Rahul T.K were the members of the winners team. Mr. Danesh K, Rahul T.K and Deepu E.J were in the national Handball championship also.

Our Football team secured 4th place in the M.G. University Football championship. Our outstanding four players got selection to the University Football team. Mr. Praveen Baby and Ajeesh P.A lifted the name of Nirmala College by taking the University captainship in Handball and Football respectively. Mr. Gibin K.Baby was selected to the state Football coaching camp.

The College Volleyball team placed 2nd in the M.G. University North Zone Volleyball championship. This team got 1st place in the Idukki District youth Volleyball championship and they played for the state youth Volleyball championship held in Calicut.

We sent our Chess team and Shuttle Badminton team to the university championships. We secured 3rd place in the M.G. University chess championship and Mr. Binoy Chacko has been selected to the University chess team. Binoy Chacko was placed first in All Kerala Intercollegiate Chess Tournament conducted at St. Paul's College, Kalamassery.

Our Cricket team participated in the M.G. University tournament and Twenty 20th tournament conducted by Newman College Thodupuzha, we sent 2 persons for the best Physique competition conducted by the University.

As usual we conducted our prestigious tournaments Prof. George Paul Memorial All Kerala Inter Collegiate Volleyball Tournament and Msgr. Thomas Nedukallel Memorial All Kerala Inter Collegiate Football Tournament.

We secured II place in Arch Bishop Kavukattu and Fr. Zacharia Punneppadom Memorial All Kerala Intercollegiate Football Tournament held St. Aloysius College, Edathuva. We won Mar Philoxenos All Kerala Intercollegiate Football Tournament held at Catholicate College, Pathanamthitta. We got III place in Marphy Memorial South India Football Tournament held at Chennai. Nivya Maria George secured III place in National Rifle Shooting Championship (Prone Team) held at Ahamadabad.

Our team participated in almost all games conducted by the University as well as local organizations and secured prizes.

We conducted Annual Sports Meet and Inter Association Competitions.

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 felicitation 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

Talent day 2008 was celebrated on 31st January 2008. Rt. Rev Msgr. Francis Alappatt, our Vicar General was the chief guest. Dr. Seetha Lekshmi,V. welcomed the dignitaries to the gathering. Rev. Dr. George Thanathuparambil, the Principal presided over the function.

After the inspiring and informative message of the chief guest, the best student awards and the gold medals sponsored by the management were distributed. Julia John Allil (II Rank in B.A. Communicative English), Soumya P.V. (II rank in MSc Statistics) and Manu Mohan(II rank B.Com Voc.) were the recipients who brought laurels to the institution. The prestigious golden jubilee gold medal for the best outgoing student was presented to Basil C.J. Vishnu Prakash was the winner of Mahanami Charitable trust Cash award for the Best student. Alumni Association German chapter Scholarship for the Best student was shared by Anjaly P.P. and Archana M.. Prof. Ravi Varma Pandala Memorial Endowment Merit cum means Award for the best student from the Malayalam Department was given to Ashamol S. Michael Faraday Award 2008 was given to Sankara Warriar K.R. The newly instituted, best innovative activity award was shared by Ambily P. and Rani Sebastian.

In the next session endowment awards at the degree and P.G. level in the college were distributed to the winners.

Special mementoes were given to honour the performances of outstanding sports persons and NCC cadets. Mahnami Awards, Alumni Assoc. Behrain Chapter Awards, Awards in connection with Varnasala, Nature Club, Science forum, Women's cell, competitions in connection with Onam, Christmas and value education awards were also distributed in the function

To offer pleasant break from the solemnity and official air, there were music during the function. Mr. Sujith P.K. College Union Chairman, Rev. Fr. Nicholas Moolasseril, Bursar, Sri. Thomas Mathew Parakel, President, Alumni Association, Mr. Jose M. Matheckel Vice president P.T.A, Dr. Johny Scaria Staff Adviser felicitated the outstanding performers on the occasion. There was media coverage by ACV. Sri. Mathachan Pathiyil proposed the vote of thanks and the meeting concluded with the national anthem.

Convenors: Dr. Seetha Lekshmi, V. and Mr. Mathachan Pathiyil

List of Awardees

Gold Medals – Sponsored by the Management

Gold Medals

- ✓ Julia John Allil, - II Rank , B.A Comm. English.
- ✓ Soumya P.V - II Rank, M.Sc. Statistics
- ✓ Manu Mohan - II Rank,. B.Com Vocational.

BEST STUDENT AWARDS

- ✓ Golden Jubilee Gold Medal for the best outgoing student – Basil C.J
- ✓ K.Narayanan Nair Memorial Cash Award instituted by Mahnami Charitable Trust for the Best Student -Vishnu Prakash III K.
- ✓ Alumni Association German Chapter Scholarship for the best student (Merit Cum Means -Anjaly P.P III L., Archana M. III P
- ✓ Prof.Ravi Varma Pandala Memorial Endowment Merit Cum Means Award for the Best Student in the Dept. of Malayalam.- Ashamol S
- ✓ Michael Faraday Award instituted by the Faculty of Chemistry for the Best Student in the Dept. of Chemistry. Sankara Warriar K. R.
- ✓ Best Innovative Activity Award instituted by Rev. Dr. T.M. George. Ambily P and Rani Sebastian IV Z
- ✓ Best user of Library Award instituted by Mr. K.Gopalakrishnan Nair – First Batch Alumnus – Paul Sam Varghese VL
- ✓ Dr. Thomas V. Thomas Memorial Award (Merit cam Means)– Daisy Peter III H

Degree Level Awards

Award	Eligibility	Winner
Msgr. Thomas Moothedan	Top Scorers B. Sc. (Maths.)	Geena Joy
Prof. P. M. Kurian	“ B. Sc. (Physics)	Anjaly Jose
Mary Joseph Vallamattom	“ B. Sc. (Chemistry)	Reshma P. Moideen
Prof. K. V. Joseph	“ B. Sc. (Botany)	Shareena S Hameed
Prof. A. M. Joseph	“ B. Sc. (Zoology)	Rajita Raj
Minister K.M. George & Prof. M. C. Mathew	“ B. A. (Economics)	Mittumol Babu
Prof. P. V. Varghese	“ B. A. (Hindi)	Jency Palamattam
Prof. K. U. Mathew	“ B. A.(Comm.English)	Julia John Allil
Prof. P.J. Micheal	Meritorious student III P	Archana M
Prof. K. K. Emmanuel	Top B. Sc. (Zoology) Practical	Rajita Raj
Prof. Sr. Benjamin	“ II B. Sc. (Maths) Main & Sub	Anjana S
Prof. Joseph Puthenpura	“II B. Sc. (Botany) Main only	Thafsi Rasheed
Dr. Sheela Issac	“II B. A. (Hindi) Main only	Daisy Peter
Msgr. Mathew Palamattom	“II B. A./ B.Sc. English Part	Madhu Maria Jose
Msgr. Thomas Nedumkallel	“II B. A./ B.Sc. Mal., Part II	Vindooja Sivaraman
Prof. P.J. Micheal	Meritorious student II P	Shefy P.K.
Prof. P. M. Devasia	Top II B. A./ B.Sc.English Part I	Mudhu Maria Jose
Prof. P.J. Micheal	Meritorious student I P	Archana V.N
Prof. K. U. Chacko	Top B. A. (Mal.)Sanskrit Sub	Ashamol S
Prof. N. M. Paulose & Prof. Devassy Manjooran .	II B. Com Part III	Divya James
Paily Joseph Nithiri Memorial Endowment	B. Com. (Business Law)	Nawal P.M
Prof. Valsa George Endowment	Top B.A. Comm. Eng.	Julia John Allil
Prof. Philomina Mathew Endowment	Best All-rounder in B.A. Comm. Eng.	Krishna S.

P. G. Level Awards

Prof. P. C. Tharu	M. Sc. (Statistics)	Soumya P. V
Prof. C. J. Joseph	M. A.(Final) Economics	Dhivya K.R
Rev. Dr. John Vallamattom	M. Sc. (Statistics) III & IV Sem.	Soumya P.V
Prof. C. P. Anandalakshmi	Best student in MA(Previous) Hindi	Manju Jayaraman
Prof. T. M. Mathews	Top M. Sc. (Chemistry), Rank list	Linmol P.Joy,
Prof. V.A Mathew	Top Scorer M.Sc Chemistry Previous	Aswathy Mohan
Ms. Mary John Manchappilly	II M. A. Malayalam	Manju N.K.
Prof. Sebastian Kachira	M. A. (Economics) I Semester	Beena Peter
Prof. Cheriachan George	Top Scorer M.Sc (Zoology)	Priyanka R.
Prof. C. P. Anandalakshmi	Best student in MA(Final) Hindi	Rehana M.K

Dr. Susan Thomas Memorial Awards –

Best Student Award

Best Student in final year Communicative English Class – Surumi Muhammad

Toper First DC Paper I

Class	Winner
I Mathematics	Preethi John , Ajith S Nair
I Physics	Gigil George
I Chemistry	Ajitha A.R
I Botany	Anju Rai K.R
I Zoology	Renju Paul
I Communicative English	Aneenamol P.S.
I Hindi	Beena Victor
I Malayalam	Arathy P Nair
I Economics	Mayamol V.S & Anjaly Pradeep Kumar
I Commerce	Parvathy Mohan
I Commerce Voc.	Ruby Sunny

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

Class	Winner
I B Com (Admission rank Topper List)	Cijo Mathew
I B Com (Voc) Admission rank Topper List)	Akhil Jose
II BCom (Topper, I BCom Uty. Exam)	Anooja Ibrahim & Nawal P.M
II B Com(Topper, I BCom Uty. Exam)	Anjaly R
III B Com(Topper,II BCom Uty. Exam)	Divya James
III B Com(Voc) (Topper,II BCom Uty. Exam)	Satheesh R
IV K (Topper MCom admission Rank list)	Anju V Babu

Proficiency Awards

Class	Winner
I K	Tony Sabu Paul
I KC	Dhanya P.S.
II K	Parvathy Mohan
II KC	Shabin Nassar
III K	Vishnu Prakash
III KC	Asha P.S
VK	Ahana S Abu

Endowment Awards for Literary Competitions

Award	Eligibility	Winner
Prof. P. T. Chacko	Best Essay (English)	Fathima Begum, I CE
Adv. Joseph Augustine	Topper Elocution (English)	Tony Sabu PAul, IK
Adv. Joseph Augustine	Topper Elocution (Malayalam)	Alphonsa K Joy, IV E
Rev. Dr. John Vallamattam Award instituted by Jacob Mittathanickal	Essay (Malayalam)	I Joby George , III M II Ancy Mamachan IIM III James V George, V K
Rev. Sr. Rosakutty Kappen	Poem Writing (Malayalam)	I Areenamol P S, II CE & Arathy P Nair, II L

Mahnami Charitable Trust Cash Awards

Mahnami Scholarship	Best student, Undergoing UGC/NET : Resmi N.S. IV Z Coaching in Nirmala Competitive : Arya Suku IV E institute of Competitive studies.
Rev. Dr. Mathew Thottiyil Memorial Cash Award	Best student, Dept. of Chemistry Aswathy Mohan V.C
Mahnami Merit cum means Scholarship	Best Student studying in Degree Ayana Venugopal

ALUMNI ASSOCIATION AWARDS

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

Class	Winner
Mathematics	Geena Joy
Physics	Anjaly Jose
Physics(Voc)	Sheeba M.P
Chemistry	Reshma P Moideen
Botany	Shareena S Hameed
Zoology	Rajita Raj
Communicative English	Julia John Allil
Economics	Mittu mol Babu,
Malayalam	Neena Thomas
Hindi	Jency Palamattom
Commerce	Basil C.J
Commerce Voc.	Manu Mohan

Sports Awards (Mementos)

Winner	Eligibility
Dhanesh K, III L	Participated in the junior and Senior National Hand ball Championship.
Rahul T.K, I L	Participated in the National Hand ball Championship .
Ajin P , II L	Participated in the All India Inter University Handball.
Akhil Vinayak , III K	“
Praveen Baby, V K	“

Deepu E.J, I K	“
Shiju P.V, III L	“
Jomon C . Cherian, III L	Participated in the All India Inter University Foot Ball Championship.
Ajeesh P.A, III L	“
Nikhil Sabu, I L	“
Majeesh Rehman, I H	“
Binoy Chacko, V K	Member of M.G. University Chess team.

N.C.C Awards – Mementos

Winner	Eligibility
Sgt. Sreenath K.P	Attended Republic day Parade 2008.
Sgt. Basil Jose	Attended Republic day parade 2008.

Women’s Cell Awards

Group Dance

1. Dept. of English
2. Dept. of Commerce
3. Dept. of Zoology

Special Prize for Barathanatym

1. Jetsy Mathew , I C E

Awards for Competitions held on Onam celebration

1. Onappattu
 - Ist MCA
 - II Economics
 - III Physics
2. Thiruvathira
 - I Communicative English
 - II Commerce
 - III Malayalam
3. Pookkalam
 - I Statistics
 - II MCA
 - III Comm. English

Christmas Carol Competition Awards

- I Praveen V. Dev. & Party Dept. of Zoology.
- II Sheeja K.V & Party Dept. of Economics.

Winners of competitions organised by Varnasala

Pencil Drawing Competition

- Ist Prize : Praveen R.K., II B
2nd Prize : Soumya Augustine, III Z
3rd Prize : Teena Thomas, I M

Water Colour Painting Competition

- Ist Prize : Soumya Augustine, III Z
2nd Prize : Praveen R. K., II B
3rd Prize : Ankitha Krishna, I C

Cartoon Competition

- Ist : Saneeshkumar K, III K
2nd : Praveen R.K, II B

Nature Club Quiz Competitions

- I Ajithkumar M. III KC
Basil Thankachan III KC
II Shahul Hameed II P
Lijo Thomas II P

Science Forum – Essay Competition

- I Shaira K. M, IV Z
II Alphonsa K. Joy, IV E
III Anupama K.M., V Z

Value Education Awards

Class	Winner
I M	Akhil Prabhu
II M	Ancy Mamachan
III M	Joby George
I P	Sr. Jency Varghese
II P	Shahul Hameed A
III P	Lakshmi Dileep
I PV	Josmi N.Jose
II PV	Sheena Mathai
I C	Anju Babu
II C	Rasiyamol K.A
III C	Saumya Mareena Jacob

IV C	Sreejith Chandran
V C	Aswathy Mohan
I B	Sumin Mary Jose
II B	Praveen R.K
III B	Minu M Joy
I Z	Bijosh M.B
II Z	Abhilash K.N
III Z	Soumya Augustin
IV Z	Hema K.J
IV S	Renjini K.R
V S	Julie Joseph
I E	Sr. Nisha Jose
II E	Soumya Micheal
III E	Sreekuttan C.K
IV E	Mittumol Babu
I CE	Fathema Begum
II CE	Bobby M Palackan
III CE	Sethulekshmi J
I L	Alphonsa Francis
II L	Arathy P Nair
III L	Asha Mol S
IV L	Nimmy Kurian
V L	Bibin Varghese
I H	Veena Muraleedharan
II H	Swapana Xavier
III H	Jayasree S
IV H	Pravya Thampi
V H	Jessy varghese
I K	Vivek V.P
II K	Nawal P.M
III K	Vishnu Prakash
IV K	Anju V. Babu
I K C	Jikku Thomas
II K C	Ann Ros Thomas
III K C	Jacob. K Regu

II BCA	Anet Thomas
IV BCA	Anjana Vijayan
VI BCA	Liju Vijayan
I MCA	Ria Rajan
II MCA	Cyril Thomas
IV MCA	Sneha Maria Tom

College Level Toppers

1. Nimmy Kurian IV L (Cash award of Rs. 500)
2. Soumya Augustine III Z (Cash award of Rs. 300)
3. Ashamol S. III L (Cash award of Rs. 200)

Department wise Achievements

Commerce

- ✓ Manu Mohan secured Second rank for B.Com (Vocational) Degree Course in the university examinations March -April 2007
- ✓ Basil C.J. IIIB.Com(Con) secured Fourth rank for B.Com (Conventional) Degree Course in the university examinations March -April 2007
- ✓ Basil C.J IIIB.Com(Con) was awarded Golden Jubilee Gold Medal for the best outgoing student 2006-07
- ✓ Vishnu Prakash IIIB.Com (Con) was awarded the K. Narayanan Nair Memorial cash award for the best student of Nirmala College instituted by Mahanami Charitable Trust
- ✓ Five students from the department were elected to the College Union Executive 2007-08

Statistics

- ✓ Miss Soumya P. Kumar – Secured Indian Statistical Service
- ✓ Soumya P. V. – Secured First Rank in M.Sc. Statistics
- ✓ 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 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 2nd February 2008.
- ✓ 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

- ✓ Mr. Lopez Mathew was awarded Ph.D in January 2008
- ✓ Stalina Bhai S qualified SET

Comm. English

- ✓ Julia John-II Rank in Com. English 2006-07
- ✓ Ayana Venugopal III CE participated in Apple Mega Star programme of Jeevan T.V, Lux super star of Amrita TV and Idea star singer in the Asianet.
- ✓ Shiju E.V III CE participated in the Lux Super Star in Amrita TV
- ✓ Ramnath of I CE was selected to participate in "Super Singer" on Surya T.V

Hindi

- ✓ Sachu P.S and Asha Jose of II B A Hindi Participated in National Integration camp at Alagapur from January5,2008 to January 16,2008.
- ✓ Sony Joseph II B A Hindi participated in Interuniversity Camp (N.S.S) at Sanskrit University Kalady- 26.1.08 to 30.1.08.
- ✓ Ajeesh P.A III B.A Hindi - Selected as M.G. University Foot Ball Team Captain.
- ✓ Mujeeb Rahman I B.A Hindi – Selected to the M.G. University Football Team.

Malayalam

- ✓ Jomon C. Cheriyan of III L and Nikhil sabu of I L were selected as the members of M.G. University Football team.
- ✓ Jomon C. Cheriyan was selected as the Vice –captain of M.G. University Football team.
- ✓ Shiju P.V.(II L), Danesh K (III L), Ajin P (III L) were selected as the members of M.G. University Handball team.

- ✓ Shiju P.V (II L) and Dhanesh K. (IIIL) were also participated in the national team of Handball.
- ✓ Jibin K.B. of II L was selected for the youth camp of Kerala Football team.
- ✓ Ashely Jose of (IL) participated in the INC camp of NCC at Mananthavadi.

Zoology

- ✓ Sgt Sreenath K P and Sgt Basil Jose were selected to represent the R D Contingent of Kerala CSM
- ✓ Appu K A attended the ALC at Asansole, W Bengal.
- ✓ Sgts Prasad Prasad and Rahul Mathew attended the N I C at Mumbai.
- ✓ Sgts Sachu P S and Asha K Jose attended the NIC at Nagpur.
- ✓ Cpl Jijo Sunny attended the Munnar trekking expedition.
- ✓ Cpl Ashly Jose attended the NIC at Kozhikode.
- ✓ Sgts Vishnu Prasadhu and Sreekanth T R attended the pre TSC at Changanacherry.
- ✓ Nivya Maria George secured III place in National Rifle Shooting Championship (Prone Team) held at Ahamadabad.

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 counsellors 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

Career Guidance and Placement cell

Career guidance and placement cell have played an important role in selecting the career of the student community. The cell helps the students to select job oriented course

for higher studies and also in placement. The cell conducts seminars on every third Saturday on each month. Seminars were on interview techniques, group discussion, telephonic interview and personality development. 175 students participated in this programme. In this year cell conducted 18 campus recruitments. Mr. Thomas Lazer , faculty member , Department of Commerce and Mr. Sherin Mathew G., faculty member , Department of Computer Science were coordinating the activities of the cell.

The placement cell in association with the Department of Computer Science was organized a placement drive on 26th January 2008 for B.Sc/BCA(2006 and 2007 Pass out) students for TCS (Tata Consultancy Services). Our students were successful in acquiring placements in prestigious and renowned IT companies both in and out of Kerala.

Placement Details (Batch : 2004-2007)

Designation: Software Engineer/ Jr. Programmer

Sl.No.	Name	Organization
1	Benny Kurian	HCL, Chennai
2	Manju K. Mathews	
3	Ancy C.A.	Wipro Technologies, Bangalore
4	Sajeev V. Joseph	Sapient, Bangalore
5	Aneesh George	
6	Basheer K.M.	Cubed Solutions Pvt Ltd, Bangalore
7	Hana Thomas	Mphasis, Bangalore
8	Sunitha Nair	
9	Shilpa K. Malayil	
10	Cinoby J. Kanattu	Reliance Insurance, Thodupuzha
11	Ibrahim E.M	Executrain, Kochi
12	Janson James	
13	Jayadevan T.V	
14	Naduparambil Martin Mathew	
15	Reshmi L.	
16	Ashna Thampi	Saniya technologies, Kottayam
17	Rony M Sunny	Geojit Software, Ernakulam
18	Merine Jose	SanthiSoft, Thodupuzha
19	Shameer Kassim.S	Infosys, Mysore
20	Praveen C. Menon	Lecturer, Nirmala College, Muvattupuzha

Placement Details (Batch : 2005-2008)

Designation: Software Engineer/ Jr. Programmer

Sl.No.	Name	Organization
1	Jaimy Jacob	IBS, Trivandrum
2	Sajini T S	CTS, Chennai
3	Sajeena K.M	Wipro Technologies, Bangalore
4	Satheesh V B	Caritor, Chennai
5	Ayona P.	HCL
6	Dhanya S Kartha	Mphasis, Mangalore
7	Reeja Paul	Huawei Technologies, Bangalore

Placement Details (Batch : 2006-2009)

Designation: Software Engineer/ Jr. Programmer

Sl.No.	Name	Organization
1	Lakshmi S.	IBS, Trivandrum
2	Anu Joy	
3	Elizabeth Kurian	US Technology, Trivandrum

37. Development programme for non-teaching staff.

38. Any other relevant information the institution wishes to add

An animation programme was organized for the teaching staff on 7th August 2007. George P. Mathew Indian School Doha was the resource person. A three day residential retreat was organised for II and III DC catholic students from 6th to 8th July 2007. Similarly a residential retreat was conducted from 17th to 19th for the IDC and IPG catholic students. Around 300 catholic students attended the retreat. It was led by Bro. Vino Memury and team. A one day life guidance programme was organised for the non christian students of II DC and III DC on 6th July 2007. Vipin V. Roldant Senior Training Manager, Corporetta, Cochin was the resource person. In the life orientation programme for IDC non Christian students Joshy Mathew, Trainer and Lecturer Govt Polytechnic College took classes.

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

- ✓ To start Career Oriented Add-on courses in Economics, Physics, Mathematics and Physical Education.
- ✓ Organise twinning programme with other universities.
- ✓ 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
- ✓ Office automation, 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.

Chairman

IQAC

Co-ordinator

IQAC