

NIRMALAGIRI COLLEGE NIRMALAGIRI
NIRMALAGIRI P.O., KANNUR-670701 KERALA
THE ANNUAL QUALITY ASSURANCE REPORT (AQAR) OF THE IQAC

NAME OF INSTITUTION :Nirmalagiri College
YEAR OF REPORT : 2009-10

PART A

IQAC of the college has been active during this year, encouraging all stakeholders to improve their performance in preparation for the submission of the Re-accreditation Report (RAR). A large number of activities involving the various stakeholders were conducted during the year, with special emphasis on improving the teaching-learning experience. All the departments of the college were asked to submit their proposals for the year 2009-10. From the suggestions received from the Departments, the IQAC has decided to pursue the following proposals during the year.

PROPOSALS

1. To encourage all students and faculty to use internet for communication and for obtaining information.
2. To add an interactive white board to the smart class room and to give training to the faculty in the use of the white board.
3. To motivate all the members of the faculty to attend conferences and to publish papers in journals.
4. To request the Parents-Teacher Association to open a counseling and guidance center for helping the people of the locality.
5. To conduct various programmes to empower socially disadvantaged sections and women.
6. To conduct various Outreach Educational Programmes for the dissemination of knowledge to students of neighbourhood schools and general public by using the human resources available in the college.
7. To approach the management for improving existing infrastructural facilities.
8. To obtain feedback on curriculum and departments from outgoing students.
9. To complete networking of computers and to provide free internet connections to departments for reference purposes
10. To enroll students to form a palliative care unit in the college in collaboration with Kristhuraj Hospital, Thokkilangady

Outcome achieved by the end of the year

1. Students and faculty are encouraged to use internet facilities available free of charge in all departments. All faculty members and III DC and PG students have obtained mail IDs during the year. Mail IDs for other students are being registered so that all students will be making use of internet for communication.
2. An interactive white board is being set up in the smart class room. The company supplying the white board has agreed to conduct a 100 hour training programme for faculty members.
3. Nine teachers attended international conferences and six teachers attended national seminars during the year.

4. A Human Resource Management Center was inaugurated in the PTA building in January 2010 for providing counseling and career guidance to the people of the locality.
5. A large number of social and women empowerment programmes like jail visits, classes to Kudumbashree units etc. were conducted during the year.
6. A mega exhibition NQUEST 09, classes by faculty of different departments, tuition classes for educationally and socially backward students of neighbouring schools and other educational extension programmes were conducted during the year.
7. The management sanctioned Rs. 10 lakh for improving the infrastructural facilities. The Bursar of the college and a committee of teachers and administrative staff oversee the utilization of the fund.
8. The evaluation of curriculum and departments by students has been formalized and computerized.
9. Networking of computers in office, library and departments is completed and free internet access has been provided.
10. More than 100 students have been enrolled in the palliative care project and were given training by Krishthiraja Hospital.

Part-B:

1. Activities reflecting the goals and objectives of the Institution:

The Mission of the college is to impart quality education to all, irrespective of caste, creed and religion and to make them good citizens of the country, based on the teachings of Jesus Christ. To help in achieving these aims, the following programs have been conducted during the year 2009-10.

Department of English

The current academic year witnessed the most sweeping of all changes, with the implementation of the Choice Based Credit and Semester System. When it comes into full swing at the end of the third year, the curriculum must have undergone a sea- change as it had never done before. Dr. P.V. Jayaraj, member of the Board of Studies (Functional English) also had a crucial role to play in devising the new syllabi. Likewise, Sr. Dr. Gracy and Mr. Ousepachan K.V., who attended the workshop in connection with the re- structuring of the syllabus had also contributed to it with their valuable suggestions.

Activities of the Department

Author of the Month under the auspices of the Literary Club

- I
 1. Three papers were presented by the students on Kamala Das on 30-6-09
 2. Two papers were presented on R.K. Narayan on 31.7.09
 3. Two papers on Amitav Ghosh on 13.10.09
 4. Two papers on Anita Desai on 2.2.10
- II Fresher's Day was celebrated on 26.8.09
- III Zeitgeist, the dept. magazine was released in July
- IV Two spelling contests were held –one for the students of the department and another for the whole college on 19.6.09 and 24.2.10 respectively.
- V English Association Inauguration was held on 29.10.09
- VI Tour programme for IIIDC was held from 2.11.09-6.11.09

- VI. The staging of the one act play Refund in connection with the mega exhibition N Quest and also the setting up of the beautiful pavilion
- VII Farewell to IIIDC students on 20.2.10
- III The three varied extension activities- a) handled by our students at Ayithara Mambaram school, b) by Sr.Dr. Marykutty Alex at Vettummel SCST hostel and c) by Sr. Dr.Gracy C.C. for the candidates appearing for professional courses.

Extension Activities

The current academic year was a very significant one for the department in terms of its extension activities. In order to spare as much trouble as possible for both the benefactors and beneficiaries of our extension activities, this year we made it a point to go to the latter, instead of making them come to us as we did on earlier occasions. There were eleven resource persons who volunteered to take up the venture and it was decided that they would go to Ayithara Mambaram Gov. High School, an institution of a rather low profile in a very remote area, on convenient Saturdays, accompanied by at least one of the teachers who would take turns in doing so, to give grammar lessons for three hours on the scheduled days. Accordingly, altogether 198 hours were handled by our third and second year students for the students of the high school classes, who were divided into 11 batches of 13-20 students, much to the gratification and excitement of both the parties concerned and the desire of the school authorities to have the scheme spread to the UP classes as well, was a more than adequate reward we received for the pains we took. But, the implementation of the CCSS and also the stupendous task we had to shoulder in connection with the mega exhibition were major constraints that stood in the way, making it almost practically difficult to conduct more classes even at the high school level. We propose to make amends for it in the next academic year, a prospect which is eagerly awaited, both by the young resource persons and also by an equally enthusiastic group of wards.

Another major stride the department took in this respect is the grammar classes of 24 hours for the SCST students of the hostel at Vettummel, handled by Sr. Dr. Marykutty Alex, which too was highly appreciated by her students.

A fresh lease of life was given to the department's intention to fulfill its social obligations, when yet another member of the department, Sr. Dr. Gracy C.C. gave special coaching to a batch of seven students seeking admission to professional courses. She engaged 30 hours for them which the students themselves rated as highly beneficial.

Department of Malayalam

Fr. Dr. M.J. Mani

Articles

1. An Article 'Curson Lipiyum Malayala Bhashayum' published in Osservathore Romano by Carmel International Publishing House, Trivandrum-2009
2. An Article 'Curson Lipiyum Malayala Bhashayum' published in Osservathore Romano by Carmel International Publishing House, Trivandrum-2009
3. Published an article "Adiyathe Pazhancholmala" in "Poli" Journal of Kerala Folklore Academy 2009.

Department of Hindi

Entry Level Competencies

On the first day itself we conduct a self-introduction of students in writing, which helps us to evaluate the skills and talents of students in Hindi language. Besides, a bridge course for the 1st Year and Ist Semester Degree students is also conducted. The first few classes were mainly based on the study of national language in plus two level and degree level. After this session, we assure them more help in improving their knowledge.

Remedial teaching classes for weak students are also conducted after the regular class time.

Other Activities

- 2010-Department of Hindi actively participated in the Mega Exhibition 'N-Quest2010'
- This year Hindi Drama won 1st prize and Ms.Mahitha won the Best actress in the Kannur University Fine Arts Festival held at S.N.College Kannur.

Contribution of Faculty

Dr. James Paul

Member, UG Board of Studies- Kannur University- 2008 onwards

Member, UG Board of Studies- MG University- 2008 onwards

State level Resource Person of KSHEC

Taken classes for the Teachers of various colleges under Kannur and MG University for CCSS

Deputed as Director, Distance Education, Kannur University on 21st January 2010

Dr. Tessy George

Nature Club Joint Convenor.

Teacher in Charge, INFORMATICS centre, Nirmalagiri College.

Secretary PTA, 2009(Continuing)

College council member, 2009 (Elected)

State level resource person KHSEC

A class is given to the selected members of the Training of Trainees Programme, organized by the CFNEU of Govt.of India.on 16-09-09.

National Seminar on Contemporary Hindi language and literature at Malabar Christian College, Calicut on 31st July 2009.

Participated in the national seminar organized by P.G.Department of Hindi Govt,Brennen College Thalassery on Samakaleen Dalit Sahitya held on 23rd Oct.2009

Participated in the one Day workshop on Choice Based Credit system sponsored by Kannur University, on 1st Oct.2009

Smt.Mariyamma A.M

1. ANO of 9 (K) Girls Bn NCC

2. Participated in the national seminar organized by P.G.Department of Hindi Govt,Brennen College Thalassery on Samakaleen Dalit Sahitya held on 23rd Oct.2009

3. Participated in the one Day workshop on Choice Based Credit system sponsored by Kannur University, on 1st Oct. 2009
4. Participated in the national seminar organized by P.G. Department of Hindi Govt, Brennen College Thalassery on Samakaleen Dalit Sahitya held on 23rd Oct. 2009

Department of Mathematics

Entry level Competencies & Language proficiency: The department conducted Entry level tests and tests to assess the proficiency of students in English language. Based on these tests, students were categorized into three sets as advanced learners, average learners and below average learners. In each class we formed *Peer Groups*. The peer group learning strategy was successfully utilised for the upliftment of weak students. The Kannur University introduced CCSS in 2009-10. All the faculty members actively participated in the workshops conducted in this connection.

Two of the faculty members are full time research scholars and one is part time research scholar. Their details are given below

1. Sabu Sebastian is doing research in *Fuzzy Sets*.
2. Rejeesh C John is doing in Reliability theory & Probability distribution
3. Rency Kurian is doing research in *Graph Theory*.

Paper Publications:

Rejeesh C John

- (1) G.Asha and Rejeesh C John (2007): Models Characterized by the Reversed Lack of Memory property, Calcutta Statistical Association Bulletin, Vol.52, No.s 233-234, 1-1
- (2) G.Asha and Rejeesh C John (2009): Characterisations Using the Generalised Reversed Lack of Memory property, Statistics & Probability Letters, Vol.79, 12, 1480-1487

Sabu Sebastian

- (1) Multi fuzzy sets (communicated in international journal)
- (2) Multi fuzzy set, an extension of fuzzy sets (communicated in international Journal)
- (3) A study on multi fuzzy set (communicated in international journal)
- (4) Multi fuzzy mapping (communicated in national journal)

Department of Physics

Entry Level Competencies

For the past 3 years the Department of Physics has been conducting an Entry Level Proficiency Test for First Year Degree students. The students are evaluated on the basis of a test wherein they were asked 20 questions each from Physics and Mathematics. In addition to it, language proficiency test was also conducted. Based on their test scores the students were grouped into three viz., Slow Learners, Average Learners and Advanced Learners. Based on the scores the students were divided into 'Buddy Group'. Each Buddy Group consists of an Advanced Learner, a few Average Learners and a Slow Learner. During the Practical each Buddy Group was to work together. Also the lecturers gave special attention to the Slow Learners by encouraging them to ask questions during the lectures.

Contributions of faculty

- Modified M.Sc syllabi partially in the year 2008-09.
- Dr. Varkey Sebastian was a member of the Board of Studies which modified the M.Sc syllabi.
- Grading system is introduced for I BA/BSc course during the year 2008-09. CCSS is introduced during the year 2009-10.

- In connection with this a five day workshop was conducted for the teachers of all affiliated colleges of Kannur University to prepare the syllabi of the various courses.
- 8 members of the department participated in this workshop.
- Sri. M Vijayan is the Chairman of the U G board during this year.
- Sri. M Vijayan is a member of CCSS monitoring committee of the Kannur University.
- Sri. M Vijayan and Sri. M C Thomas served as the members of the Faculty of Science Kannur University.
- Sri M Vijayan, Sri. M C Thomas, Sri. Vincent P Thomas, Dr. Varkey Sebastian and Sri. Georgekutty P Kuriakkose served as the Members of Board of Studies of Kannur University.
- Sri Roy Thomas prepared the syllabus for the first semester Physics main (1B01PHY- C⁺⁺ Programming) of the B.Sc programme.
- Sri. M Vijayan served as resource person for the following programmes.
 1. Five day workshop on CCSS conducted by the Calicut University at Devagiri College, Calicut.
 2. One day workshop on CCSS conducted by Kannur University at Govt. College, Mananthavady.
 3. One day workshop on CCSS conducted by Kannur University at IHRDE College, Thalipparamba.
 4. Subject expert- at M.G.College, Iritty.
 5. Selection Board member for the interview of Research Assistant in the department of Atmospheric science, Kannur University.
 6. Technical expert for scientific equipments for the department of atmospheric science in Kannur University
- Sri. Roy Thomas
 1. Conducted Demonstration class on “Ray Optics and Electromagnetic Induction” at St.Joseph’s Higher Secondary School, Tellicherry.
 2. Conducted Demonstration class on “Ray Optics and Wave Optics” for Higher Secondary Teachers at Govt. Higher School Kuthuparamba.
 3. Conducted Demonstration class on ‘Experimental Physics’ at Rani Jai HSS, Nirmalagiri.

Dr. Varkey Sebastian

1. Magnetic properties resulting from core-shell interactions in nanosized Ni_{0.25}Co_{0.25}Sn_{0.5}Fe₂O₄, N. Lakshmi, Hina Bhargava, O.P. Suwalka, K. Venugopalan, Varkey Sebastian, V.R. Reddy, and Ajay Gupta, Physical Review B 80 (2009) 174425 (6pp) [Impact Factor- 3.172]
2. Investigation of the large magnetic moment in nano-sized Cu_{0.25}Co_{0.25}Zn_{0.5}Fe₂O₄, Hina Bhargava, N. Lakshmi, Varkey Sebastian, V.R. Reddy, K. Venugopalan and Ajay Gupta, Journal of Physics D: Applied Physics 42 (2009) 245003 (8pp) [Impact Factor- 2.1]

Sri. Georgekutty P Kuriakose

1. Software Consultant – Payyannur College, PRNSS College, Mattannur & SES College, Sreekandapuram.
2. Computer Software developed
 - a. Payroll Management System

- b. Students Admission Processing
- c. Students Union Election – Counting of votes
- d. Students Information System
- e. Computer Aided Teacher Evaluation System
- f. Computer Aided Evaluation System
- g. Installation of Networking System in the College
- h. Installation of E-smart Class Room in the College

Department of Chemistry

Entry Level Competencies

Department of Chemistry has been conducting an Entry Level Test for First Year Degree students every year at the beginning of their classes. Students were graded according to their proficiency in Chemistry, Mathematics and English. Advanced Learners were given latest volumes for reference and they work out previous question papers of IITs in consultation with teachers. Average learners and slow learners form Peer Groups and they utilize their free time for combined study. They find extra time for group study in the evening also and by this they improve a lot.

Dr. Rosy Antony

1. Rosy Antony, Sumisha Ravindran and M.C Mary -Synthesis, Characterization and thermal studies of Cresol based polyphosphate Esters –accepted in journal of Indian Chemical Society 85/2009
2. National Seminar on Current Advances in Chemical Sciences SN College, Kannur, 21& 22 August 2009. Synthesis, Characterization and thermal studies methanol based polyphosphate Esters.
3. National Seminar on biodegradable Polymers, NAM College, Kallikandy 15 December, 2009

Dr. M.C. Mary

1. Rosy Antony, Sumisha Ravindran and M.C Mary -Synthesis, Characterization and thermal studies of Cresol based polyphosphate Esters –accepted in journal of Indian Chemical Society 85/2009

Dr. Shyla George

1. Shyla George, Prajitha Kumari and G. Unnikrishnan, Aliphatic liquid transport through heterogeneous EPDM/EVA blends, Journal of Elastomers and Plastics, (2009) 41:65-85.
2. Shyla George, Prajitha Kumari and G. Unnikrishnan, Influence of Dynamic and Static Crosslinking Techniques on the Transport Properties of EPDM/EVA Blends, Journal of Polymer Research, [DOI 10.1007/s10965-009-9302-y, (2009)].

Department of Zoology

Entry level competency

For the past 3 years the Department of Zoology has been conducting an Entry Level Proficiency Test for First Year Degree students. The students are evaluated on the basis of a test wherein they were asked 20 questions each from General zoology and Environmental science. In addition to it, language proficiency test was also conducted. Based on their test scores the students were grouped into three viz., Slow Learners, Average Learners and Advanced Learners. Based on the scores the students were divided into 'Buddy Group'. Each Buddy Group consists of an Advanced Learner, a few

Average Learners and few Slow Learner. Based on the entry level competency of students special attention is given to each and every one of them as per their needs.

Research

Smt. Janzy George

- Completed a UGC sponsored minor research project entitled ‘pollution status of Irritty river basin’.

Dr. Baby Joseph

- Workshop on “Dynamics of Quality Assurance in Higher Education Institutions”- from 04- 05- 09 to 06- 05- 09, at Bangalore - Organized by Education Management Services (EMS), Bangalore and Christ University, Bangalore.
- International Symposium on “Second Green Revolution: Priorities, Programmes, Social and Ethical Issues” – from 2 – 4 July, 2009 at RGCB Thiruvananthapuram – Organized by MACFACT, Thiruvalla and Rajiv Gandhi Centre for Biotechnology, Thiruvananthapuram.
- Refresher course for the NSS Programme Officers, conducted by the Training and Orientation Centre, Rajagiri College of Social Sciences, Kalamasserry from 27-07-09 to 31-07-09.
- International Symposium on Aquaculture, Biology and Management of Commercially Important Crabs – 2009 (ISABMC – 2009), held at Shanghai Ocean University, China, from November, 8th to 11th 2009.
- Participated in the International symposium “Marine Ecosystems; challenges and opportunities” held during 9-12 February 2009, at Cochin, organized by Marine Biological Association of India.

Smt. Saly George

- Conducted research under FIP of UGC on the topic –A study of the ecological parameters of Chandragiri and Kavvayi Rivers, and submitted the synopsis in Jan. 2010

Dr. Joselet Mathew

- **Joselet Mathew**, S. Kulasekarapandian and Siby Philip (2009). Effect of sudden changes of salinity on different stages of Artemia sp. Journal of Marine Biological Association of India, Vol 51, accepted, under revision.
- Musammilu K. K., Gopalakrishnan A VS. Basheer, K.K. Lal. V. Mohindra. P. Punia, **Joselet Mathew**, A. G. Ponniah and W.S. Lakra, (2009). Pronounced genetic differentiation in the populations of cultivatable red — tailed barb *Gonoproktopterus curmuca* (Hamilton): Family (Cyprinidae, as revealed by allozymes, microsatellites and RAPD. OP014; International Seminar on Genetics in Aquaculture, Bangkok; June 2009; Communicated to Conservation Genetics.
- Gopalakrishnan. A., V.S. Basheer, Musammilu, K.K. Lal V Mohindra P.C Thomas, Joselet Mathew, A.G. Ponniah and W.S. Lakra. (2009). Genetic stock structure of the white fish, *Lactarius lactarius* from Indian coasts. Submitted to the Indian Journal of Marine Sciences.
- Participated in the one day workshop on choice based credit & semester system on 1st October 2009 at Nirmalagiri College, Kuthuparamba, sponsored by Kannur University.
- Participated in the three day seminar on “perceptions of Emerging competencies of Educational Administrators of Higher Education institution in India” held from May

20-22, 2009, organized by the centre for Education Beyond Curriculum, Christ University Bangalore.

- Attended in the international seminar on ornamental Fish Breeding, Farming and Trade “Ornaments Kerala 2010” organized by the Department of Fisheries, Govt. of Kerala in association with Ministry of Agriculture, Govt. of India and Fisheries Resource Management society (FIRMA) as a part of International Aquashow 2010, on 13th and 14th February 2010.

In addition to the regular teaching hours, Smt. Janzy George, Dr. Joselet Mathew, and Smt. Sali George are engaging classes for the UGC sponsored career oriented programmes.

Faculty members of this dept. provide their expertise in the fields of mud crab culture, organic farming, and api culture. Dr. Baby Joseph is offering educational and career consultancy to the students of this department.

Department of Botany

Entry Level Competencies: Our department has conducted Entry Level Proficiency Test for First Year Degree students. The students are evaluated on the basis of a test. Based on their test scores the students were grouped into three viz., Slow Learners, Average Learners and Advanced Learners. Based on the results, students were divided into five peer Groups. Each Group consists of Advanced Learners, Average Learners and Slow Learners. During the learning processes, each group should work together and help each other. Moreover, special attention has been given to the needy students by our teachers.

Contributions of Faculty

- CCSS is introduced during the year 2009-10.
- Dr. Philomina Abraham and Dr. K.N. Ajoykumar are members of the U G board during this year.
- In connection with this a five day workshop was conducted for the teachers of all affiliated colleges of Kannur University to prepare the syllabi of the various courses. Two members of the department participated in this workshop.
- Dr. K.N. Ajoykumar is a member of the Faculty of Science Kannur University.

Dr. Philomina Abraham

- Giving technical guidance to Mr. Dhanesh from Mangattidom Panchayath for the Mushroom culturing and cultivation from March 2009 onwards
- Participated in different meetings in and around Kannur District as Chief Guest like World Vision Programme Camp for Children at Puthalam (25.04.09)
- Inaugurated different ventures like a) “Balajanasakhyam” of Manorama News Paper, 2) 20-12-2009- X’ Mas Programme, 3) Environment Study Tour to Wayanad with 50 selected Children on 09-01-2010

2. Sri. P.T. Jose

Resource Person for Orientation programme for NSS volunteers at Higher secondary Schools and College

3. Smt. Agnes C A

Project Work undertaken in the Department of Botany

1. *In Vitro* study of Fungi colonizing Citrus fruits

2. *In Vitro* study of Biological Oxygen Demand of Water bodies of Nirmalagiri Campus

Convener of Career Guidance Forum & Placement Cell

1. As Career Guidance Convener, an Ongoing PSC- Training Program for the public as well as the students of Nirmalagiri College is undertaken in the College Camp
2. As Convener of Career Guidance Forum & Placement cell, Career Portal was designed in association with India Career Portal Mumbai to register the names of final year students as well as Alumni of Nirmalagiri College
3. Member of Pain & Palliative Club Kuthuparamba
4. Member of Mathrujyothis- Women Charitable Society

4. Dr. K. N. Ajoykumar

- Member Board of Studies, Kannur university
- Member faculty of science Kannur university
- Member Board of Question paper setters, Kerala Public Service Commission
- Member Board of Question paper setter Calicut University
- Member Interview Board, Kerala Public service Commission

Activities of Department

1. Conducted a workshop on ‘wetland conservation’ sponsored by Biodiversity board on 17-09-09
2. Career oriented programme of mushroom harvesting and sale was conducted on 13-07-09.
3. Participated in the mega exhibition ‘N-Quest’ organized by Nirmalagiri College from 16- 18th December 2009.
4. Exhibition cum sale of medicinal plants was arranged on 22-01-09
5. UGC sponsored Career Oriented course in Biotechnology for I year students

Department of Home Science

S. No.	PROGRAMMES	Areas / Topics
1	e - learning	Diabetes-A Silent Killer
		Importance of Fibre.
		Dietary Deficiencies
		Value and subject based movies, short films and documentaries
		Uses internet references for seminars and assignments
2	Group Discussions/Debates	Adolescent Issues
		Role of nutrients
		Management of Resources.
		Child welfare

3	Peer Group Learning	Each Peer Group consists of an Advanced Learner, a few Average Learners and one or two Slow Learners.
4	Remedial Coaching /Programmes for Advanced Learners	Conducts UGC remedial coaching for weak students
5	Educational Visits	Food Industries
		Textile Mills and Factories
		Special Schools
		Anganwadies / Nursery Schools
6	Residence course	One week residence course for final year Students.

Dr. Sr. Jessy Varghese

- Chairperson, Board of Examinations in I. II & III B.Sc. Home Science (2008-2010)
- Subject Expert in the five days workshop on CCSS conducted by the Board of studies of Home Science, University of Kerala
- Resource person for Training of farmers under ATMA project.
- Resource person for TOT for ICDS anganwadi supervisors.
- Resource Person in Value Based Education arranged by the Arch Diocese of Thalassery,
- Resource person for the programme ‘Vision and Mission’, undertaken by the Arch Diocese of Thalassery.

Sr. Celine Mathew C.

- Examiner in B.SCc. Home Science, Theory and practical, Kannur University from 2005 onwards.
- Examiner, B.Sc. Nursing examination, Kannur University.
- Resource person in the training program for women conducted by Shakti – A National movement for women (women’s wing of Vijana Bharathi)
- Resource person for the awareness classes on the Management of Diabetes at hospitals and Community health centers
- Offered Diet counseling for the Staff and students of Nirmalagiri College
- Presented Documentary on Living with Diabetes named “Kuthiravandikaran”

Shalini V

- Was a faculty in Nutrition for IGNOU’s M.Sc. Dietetics and Food service Management and for Certificate course in Food and Nutrition.
- Presently Functions as a guide for IGNOU’s MSc DFSM course
- Guided M.Sc. dissertations of M.G.university M.Sc.Food and Nutrition course
- Is a resource person for ‘Principles of Nutrition ‘course of American Nutrilite Institute.

- Published paper in national journal and presented paper in Indian Nutritional Medical Association.
- Resource person for various ICDS programmes.
- Functioned as judge for competitions held by CSWB and Manorama Publications respectively.
- Is actively involved in giving diet counseling to staff , students and to the public.

Deepthi Lisbeth K.

- Resource person for Kishori Shakti Yojana Project by Govt. of India for the upliftment of adolescent girls.
- Resource person for Training of Kudumbasree members under ATMA project.and for ICDS programme.
- Provide diet counseling to inmates of Nirmalagiri College and for the public.

ii). Consultancy

Shalini V. : Offers consultancy for Amway India Enterprises, Vyttila Cochin

Presentation of Papers/Participation in National Conference/ Workshop/ Seminar

S. N	Name Of Programme	Period	Venue
Dr. Sr. Jessy Varghese			
1	Participated in National Seminar on ‘Empty Nest Syndrome – A Growing Concern of Elderly in Indian Community	26 th to 27 th November 2009	UGC Sponsored, Dept. of F C S (home Science), Morning Star College, Angamali
2	Presented paper on the “Role of Family in Elderly Parental Care’, in the National Seminar.	26 th to 27 th November 2009	UGC Sponsored, Dept. of F C S (home Science), Morning Star College, Angamali
Shalini V.			
1	Participated in a National seminar on Food security and Nutrition	6 th May 2009	Kerala Agricultural University, Mannuthy

Collaboration with other departments/ institutions, at the State, National and International levels, and their outcome during the past two years

Level	Institution	Outcome
NATIONAL	TCIL- IT - INSTITUTE OF FASHION TECHNOLOGY(A GOVT. OF INDIA ENTERPRISE)	.Dr.Sr.Jessy Varghese Head of the Department of Home science is the convener and other staff members of the department are actively involved in the running of the course. Department of Home science also offers lab and library facilities to the mentioned course.

	FOOD AND NUTRITION BOARD(MINISTRY OF WOMEN AND CHILD DEVELOPMENT,GOVT. OF INDIA)	The department arranges for the 'Training of the trainers on Health and Nutrition' for the food and Nutrition board .The Department of Home Science takes the privilege in arranging the venue and resource persons for the programme.
DISTRICT	SCIENCE PARK	Gifted students from schools of Kannur District visit our labs yearly to collect information on Health and Nutrition, Resource management, Human Development etc
College	Women's Cell	The department provides lab facilities for tailoring course conducted by Women's cell for a period of three months every year.

Priority areas for Research and details of the ongoing projects, important and noteworthy publications of the faculty, during past two years

Sr.Celine Mathew C.:

UGC Minor Project on : "Development and Feasibility Testing of an Educational Package on Diabetes", 2007-2009.

ii). Publications: Dr.Sr.Jessy Varghese

"Role of Family in Elderly Parental Care", Star Research Journal Morning Star College, Angamali, In Press, 2010

Department of Economics

Entry Level Competencies

For the current year language proficiency test was conducted to the First Year Degree Students by the Tutor. The students were evaluated on the basis of their communicative skill, writing skill, vocabulary, spelling and pronunciation of words. On the basis of which all the students were found weak and hence they were directed to avail the facilities of Language lab of the College.

- Dr. Devasia. M. D was a member of the P G (Economics) Board of Studies 2009 – 11 which modified the M. A Economics syllabi applicable from 2010-11 academic year onwards
- Dr. Devasia. M. D being a member of the P G (Economics) Board of Studies 2009 – 11 prepared the revised syllabus of Core Paper II Macro Economic Analysis Part I, Paper VI Macro Economic Analysis Part II, Paper XIII Development Economics and Optional Paper Economics of Education for the M. A Economics syllabi applicable from 2010-11 academic year onwards. He has also prepared the syllabus for the newly introduced optional paper Accounting Techniques for Economics in the M A Economics curriculum.
- Dr. Devasia. M. D and Dr. N. J. Saleena attended the Research Guides Meeting of the Kannur University to upgrade the content of the research convened by the Vice Chancellor.
- Sri. T. A. John served as the member of the Faculty of Social Science, Kannur University 2006 – 09

- Sri. T. A John attended CCSS workshop organized Kerala Higher Education Council Trivandrum, August 2009
- All the faculties of the Department participated in the Cluster Meeting of the CCSS conducted by Kerala Higher Education Council Trivandrum organized by the college.
- Dr. N. J. Saleena attended the workshop for the teachers of all affiliated colleges of Kannur University on CCSS

Dr. Devasia. M. D

1. *Pricing Higher Education: How to Bridge Equity and Affordability*, in book entitled Paradigm Shift in Health and Education in India, Edited by K. Gangadharan, Serials Publications, New Delhi, 2009 Pages 196 – 212
2. *Technical Higher Education Expansion in Kerala: Bane or Boon?*, in book entitled Technical Higher Education in Kerala, Edited by M. Meera Bai, Serials Publications, New Delhi, 2009, Pages 234 – 246

• **Dr. T. K. Sebastian**

1. “**Education – an Invisible Capital: Evidences from Migrated Cultivators in Malabar**” in book entitled Paradigm Shift in Health and Education in India, Edited by K. Gangadharan, Serials Publications, New Delhi, 2009 PP 237 – 269

- **Dr. N. J. Saleena:** UGC Major project

2. New Academic Programmes initiated (UG & PG):

To initiate new academic programmes, sanction from the affiliating University and the Government of Kerala is required. At present, the policy of the Government is against sanctioning new courses. Hence, during the current year no new UG or PG programmes have been initiated. However, a PG diploma course in Fashion Technology was started in collaboration with TCIL-IT.

3. Innovations in curricular design & transactions:

The curricula for all the courses are decided by the respective Boards of Studies (BOS) of the Kannur University, to which the college is affiliated. At present, chairpersons of two of the subjects, viz. Physics and Home Science, are from this college. In addition, at least one teacher from every department is a member of BOS. During the current academic year, Kannur University introduced Choice Based Credit and Semester System for all UG courses. The faculty of various departments was actively involved in designing the new courses, setting model question papers and designing add-on courses. In tune with the changing trends in higher education, teachers are now making more effective use of internet and visual media for a memorable teaching –learning experience.

4. Inter-disciplinary Programmes started:

Career Oriented Program of UGC- Diploma in Malayalam DTP

5. Examination reforms implemented:

Examinations are held strictly according to the University guidelines. An examination committee ensures the smooth conduct of terminal examinations. In addition, class tests are conducted regularly for giving marks internal marks. There is also grievance redressal cells in each department for dealing with grievances related to the award of internal marks.

This year, with the introduction of CCSS, the annual system of examinations for UG courses has been replaced by end-semester examinations.

6. Candidates qualified: NET/SET/GATE etc.:

NET	: 01
SET	: 12
GATE	: nil

6. Initiative towards Faculty Development Programme:

The management and the Principal encourage the teachers to upgrade their knowledge and skills by attending Refresher courses, Seminars, Workshops and Symposia. Details regarding faculty development programmes are given below:

- Post-doctoral Fellow: 1
- Ph.D. under Faculty Improvement Programme of UGC:
Completed: 5
Newly Joined: 3
- Refresher Courses attended: 3
- International conferences/Seminars attended: 3
- National Seminars attended: 10
- Regional Seminars/Workshops attended: 14

8. Total number of seminars/workshops conducted: One

9. Research Projects:

Newly implemented	: 03
On-going	: 05
Completed	: 13

10. Patents generated, if any: Nil

11. New collaborative Research Programmes : Nil

12. Research grants received from various agencies:

UGC: Rs.311415/-

13. Details of Research Scholars:

Malayalam	: 06
English	: 08
Economics	: 09
Hindi	: 08

14. Citation index of faculty members and impact factor: Nil

15. Honours/Awards to the faculty Nil

16. Internal resources generated:

PTA	: 2,11,000
Management	: 8,69,485
Staff Contribution	: 3,00,000
Computer Center	: 2,25,000

17. Details of Departments getting SAP, COSIST (ASSIST)/DST, FIST, etc. assistance/recognition:

Nil

18. Community services:

1. Human Resource Management Center for the Public by PTA, Nirmalagiri College
2. Mar Sebastian Valloppilly Library instituted in Press Club, Kuthuparamba
3. Palliative Care Unit in Collaboration with Christhuraj Hospital, Kuthuparamba & JAYCEES
4. "Conservation of Heritage" – A programme for conservation of the historically important places
5. Adoption of Tribal Colony
6. Renovation of the house of a poor student
7. Poor Aid Fund – installed a Charity Box in class rooms to raise funds for the needy
8. Class on Life Style diseases for Anganvaadi Trainers and Child Development Officers by Ms. Shalini V.
9. Demonstration Class on Fruit and Vegetable Preservation for Kudumbasree Members by Ms. Deepthi Lisbeth K.
10. Class on Micronutrient Deficiencies for Anganvaadi Trainers and Child Development Officers by Ms. Deepthi Lisbeth K.
11. Service in 'SNEHABHVAN' –An Institute for physically and mentally challenged people
12. Old Age Home- Supply of food materials plus entertainment programme
13. Service in 'MARIA BHVAN' –An Old age Home at Peravoor
14. Awareness Programme on drug addiction and alcoholism to higher secondary students by Dr. Joslet Mathew

19. Teachers and Officers newly recruited: Nil

20. Teaching-Non-Teaching staff ratio: 16:10

21.Improvement in the Library services:

Bar coding of books has been completed

22. New book/Journals subscribed and their cost:

962 books worth Rs.140976/- added during the year
New Journals subscribed -2 worth Rs.1600

23. Courses in which student assessment of teachers is introduced and the action taken on student feedback:

As mentioned in the previous year's report, students are allowed to assess their Teachers every year and the process has been computerized. This year, a questionnaire consisting of 18 questions was used. Student assessment of teachers is carried out in all courses.

24. Unit cost of education: Rs. 26036/-**25. Computerization of Administration and the process of admissions and examination results, Issue of certificates:**

Barring issue of certificates, administrative activities and process of admission are computerized and examination results are also filed in departmental and office computers. Teacher evaluation, feedback from students about the college, curriculum and departments is also computerized.

26. Increase in the infrastructural facilities:

- A new mini auditorium with a seating capacity of 200 has been built and furnished
- Smart Class Room and classroom for fashion technology course

27. Technology up gradation:

- Interactive white board for smart class room
- 2 LCD projectors, one laptop and 8 desktop computers
- Inverter for uninterrupted power supply to office, seminar hall and auditorium

28. Computer and internet access and training to Teachers and students:

Free Internet and computer facilities are available to students and teachers in all departments and in the Physics Computer Lab. In addition, these facilities are also available on payment basis from the Informatics center.

29. Financial aid to the students:

- a) Merit scholarships from government: 37
- b) Endowments : 52
- c) Stipend from Government for Backward communities
- d) Financial aid from Management
- e) Financial aid from PTA
- f) Proficiency prizes : 34
- g) Scholarships by Sri. Thomas Chandy, An NRI : 10

h) Economics Department Alumni Scholarship : 01

30. Support from the alumni association and its activities:

- Rank holders and toppers from the College were felicitated and presented with valuable books.
- Departmental and batch wise meeting were held.
- The new website for alumni has been made functional
- Physics Alumni donated one LCD projector to the Department

31. Support from the Parent-Teacher association and its activities:

- Payment of salary for Guest faculty
- Infrastructure and equipment maintenance
- Charity fund for students

32. Health Services:

- Red Ribbon Club: Blood group detection and donation camp
- Yearly medical check up for students
- Since Christuraj Hospital, Thokilangady is nearby; there is no regular medical center in the college. Students reporting sick are taken to the hospital by the staff members in their vehicles. There is a Counseling Centre for students at the college to help students overcome their personal problems.

33. Performance in Sports activities:

Kum. Sujina E. I DC Home Science secured 16 points in the Kannur University Kalaripayattu Championship held at PRNSS College Mattanur.

Nerkal – 1. Thirichukal – 1, Vethukal – II, Chavuttipongall – II.

College Women Ball Badminton team won the second position in the Kannur University Ball Badminton Championship held at Govt. Brennen College, Thalassery.

Kum. Anusha P., I M. Sc. Kum. Vipinya Chand C. M., III DC and Kum. Tijil George, II DC were selected to represent the University.

Subin E. of III DC Physics and Jamsheer K.K. of III DC History were selected to represent the University in Ball Badminton and Hockey respectively.

Kum. Dhanya E. of II DC Malayalam and Greesha C. II DC Mathematics were selected to represent Kannur University women Hockey team.

Kum. Neethu M. V. of II DC Home Science secured 11 points in the Kannur University Aquatic Championship held at Chnmaya Pool, Chala, Kannur.

50 mtrs. Butterfly style - I

50 mtrs. Back stroke - II

50 mtrs. Free style - II

Master Sonumon P. S. of I DC Botany has selected to represent Kannur University Chess team.

The following Athletes performed well in the Kannur District Amateur Athletic meet.

Arun George, II DC 800 mtrs. Run – 1, 1500 mtrs. Race – 1
 Gopi E. C., II DC 400 mtrs Hurdles – 1
 Vipin E., III DC Hammer throw – I
 Jeevan Sunny, I DC 800 mtrs. Run - III

34. Incentives to outstanding sports persons:

- Members of various teams are given team jersey and sports kit.
- Special food allowance to members of different teams.

35. Student achievements and awards:

National level Inter University Youth Festival 2009-‘10

1.Deepak C.K	III ZOO	Quiz	IV
2.Subin V	III PHY	„	„
3.Ebin Jose	III PHY	„	„

South Zone Interuniversity Youth Festival of 2009-‘10

1. Deepak C.K	III ZOO	Drama (Mal)	III A
		Quiz	II A
2.Subin V	III PHY	Quiz	II A
3. Ebin Jose	III PHY	Quiz	II A
4.Honey K.G	III ZOO	Drama(mal)	III A
5.Chithra Baby	II HIST	„	III A
6.Anusha K	III BOT	„	III A
7.Tijo Thomas	III ENG	„	III A
8.Arjun.K	III MAL	„	III A
9.Sijo V.J	III ENG	„	III A
10.Midhun C Jose	III MAL	„	III A
11.Sithara K.M	II HSc	„	III A

KANNUR UNIVERSITY RANK HOLDERS 2009-10

1. Suhana E. K.	- 1 st Rank	- Home Science
2. Divyamol T. T.	- 1 st Rank	- Malayalam
3. Prajina P. P.	- 2 nd Rank	- Chemistry
4. Neha C. P.	- 2 nd Rank	- Botany
5. Teena Thomas	- 2 nd Rank	- Home Science
6. Athulya Kuriakose	- 2 nd Rank	- Malayalam
7. Bhavya Kachiprath	- 3 rd Rank	- Zoology

8. Sruthi K. P. - 3rd Rank - Home Science

Kannur University Fine Arts Festival 2009-10
Stage events – Winners

DEPARTMENT OF BOTANY

1.Saranya S	II BOT	Thiruvathira, Marghamkali	III A I A
2.Shilsha C.K	I BOT	FolkDance(group) Marghamkali	I A
3.Thafseer .C	III BOT	Kolkali	II A
4.MohammadMunaif N.T	I BOT	Kolkali	II A

DEPARTMENT OF ZOOLOGY

1.Sabina .N	III ZOO	Groupsong, Nadanpattu, Marghamkali	II A I A
2.Liju.Thomas	I ZOO	Groupdance(boys)	I A
3.Siddeeqe A.K	II ZOO	Kolkali	I A
4.Sreeveshkar K.S	I ZOO	Mimikri	II A
5.Suvina E.P	II ZOO	Drama(Hindi)	I A

DEPARTMENT OF ENGLISH

		Groupsong, Ghazal,	II A III A
1.Noris.M	II ENG	Groupsong, Thruvathira	II A III A
2.Nafina	I ENG	Groupsong, Mapilapattu	II A
3.Mubeena E	I ENG	Groupsong Mohiniattum, Thiruvathira	II A III A III A
4.Sruthi.A	I ENG	Folkdance(group), Thiruvathira	III A III A
5.Sreelekh K.P	I ENG	Groupdance(boys)	I A
6.Mahitha.K	III ENG	Drama(hindi)	I A
7.Vidhya K.P	III ENG	Drama(Hindi)	I A

DEPARTMENT OF PHYSICS

1.Anis S Daniel	I PHY	Groupsong, Mappilapattu	II A
2.Rinto Mathew	II PHY	Nadanpattu Drama(Hindi)	I A
3.Renuka B Nair	I MscPHY	Thabala,folkdance Thiruvathira	I A III A
4.Shana P.V	II PHY	Thiruvathira	III A

5.Sidharth P.R	I PHY	Groupdance(boys)	I A
6.Sanil K	II PHY	Groupdance(boys)	I A
7.Jeevan Sunny	I PHY	Groupdance(boys)	I A
8.Tensil.P.S	I PHY	Groupdance(boys)	I A
		Folkdance	IA
9.Thameem Bin Saud	II PHY	Kolkali	II A
10.Faisal P C	II PHY	Kolkali	II A
11.Shajeer.P.P	II PHY	Kolkali	II A
12.Sweatha	I PHY	Drama(Hindi)	I A
13.Najeeb	II PHY	Drama(Hindi)	I A

DEPARTMENT OF MATHS

1. Shyaman	II MATHS	Group Dance(boys)	I A
2.Shinas.A.C	II MATHS	Kolkali	II A

DEPARTMENT OF CHEMISTRY

1.Asna K	ICHE	Margamkali	I A
2.Chezil Raj K.K	IIICHE	Drama(hindi)	I A
3.Lioin.C	IIICHE	Drama(Hindi)	I A

DEPARTMENT OF MALAYALAM

1.Teena. Jose	I MAL	Groupsong	II A
2.Neethu. P	IMAL	Folkdance(group),	III A

DEPARTMENT OF ECONOMICS

1.Akhil.A.M	III ECO	Groupdance(boys)	I A
2.Sidhique A K	I ECO	Kolkali	II A
3.Sobin Augustin	III ECO	Drama(hindi)	I A

DEPARTMENT OF HOME SCIENCE

1.Thushara M	III DC	Margamkali	I A
2.Smrithi N.A	II DC	Margamkali, Thiruvathira	I A III A
3.Amriha Ravindhran	I DC	Mardamkali	I A
4.Sreethi C	I DC	Group song	II A

Sahithiyolsavam (Offstage) 2009-'10

1. Quiz - Deepak. C.K	III DC Zoology	II
Abin Jose	III DC Physics	II
2. Elocution English – Suvin E P	II DC Zoology	III
3. Essay writing Malayalam- Aswin K Dev	III DC English	III
4. Caricature Drawing – Sujith. K	III DC Zoology	II
Best actress in Hindi Drama (2009-10) Mahitha K	III DC English	

36. Activities of the Guidance and Counseling Cell:

- A seminar was conducted for the II year and Final year students on Opportunities in the IT Industry on 24 – 10 – 2009 in the college auditorium.
- A one day workshop was conducted in the college for career counseling and soft skill development on 07 – 11 – 2009. Psychological tests were given to explore their strength and weakness and to choose their career according to their mental ability. The workshop enabled them to find out their area of interest and in which field they will be successful.
- Student Members of Career Guidance Forum attended a leadership Camp conducted at Sreepuram Pastoral Centre Pallikunnu, Kannur to mould globally competent leaders of tomorrow. The camp was conducted by World Malayalee Council, a global community, who has the potential to provide direction and exposure in developing a new generation of Malayalee students. It was a 3 day residential camp in which the students were given classes on leadership, employability, effective study habits, career hindrance, team building, winning strategies and SWOT. Six students were selected to participate in the state camp addressed by former President Dr. Abdul Kalam.
- A Seminar was conducted on Opportunities in Foreign Universities for Final year students on 19 – 01 – 2010.
- A seminar was conducted for Final BA / MA students about Management studies in India – Scopes and Opportunities on 10 – 02 – 2010.

37. Placement services provided to students:

Although no formal placement services are provided, the career guidance forum facilitates the appearance of students in campus interviews.

38. Development Programme for non-teaching staff:

One-day orientation programme at the beginning of the academic year
Three computer awareness classes by Dr. M.D. Devassia, Department of Economics

39. Best practices of the Institution:

- Feedback on curriculum is taken from final year students, analyzed and communicated to University bodies. These were taken into consideration while framing the syllabi for CCSS.
- In line with the mission of the institution, value addition to conventional courses and development of global competencies in students have been achieved by supplementing the curricula through add-on courses, communicative English programme, computer literacy programme and by allowing students to pursue IGNOU courses simultaneously

- Entry-level test to identify advanced learners, slow learners
- Bridge course for first year UG students
- Teaching plan and academic calendar for effective implementation of the teaching-learning process
- Peer-group learning in which advanced learners are grouped with slow learners and the advanced learners help the slow learners in the group
- A dedicated smart classroom for ICT enabled learning
- Prakritimitra and Green Nirmalagiri projects for environmental education of students and people of the locality
- A large number of extension activities coordinated by different governmental/institutional agencies
- Numerous educational outreach programmes to educate the society and social extension programmes to help the marginalized sections of the society

40. Linkages developed with National/International, academic/research bodies: Nil

41. Any other relevant information: NIL

Part C:

Detail plans of the institution for the next year.

1. Since the RAR has been submitted, to speed up preparations for the NAAC peer team visit.
2. To conduct a 100 hour training programme for faculty in the use of interactive white board and for developing e-content.
3. To pool the resources of science departments and to set up a common facility for science research.
4. Since the electrical wiring has become old and faulty, to completely remove it and install new electrical wiring.
5. Since the government is not sanctioning new courses, to explore the chances of starting self financed courses.