

# **ANNUAL QUALITY ASSURANCE REPORT**

**2011-2012**



**PRAJYOTI NIKETAN COLLEGE**

**PUDUKAD-680 301**

**Submitted to**

**THE NATIONAL ASSESSMENT AND ACCREDITATION  
COUNCIL**

**BANGALORE**

**Plan of Action chalked out by the IQAC in the beginning of the year towards quality enhancement:**

The visit of the NAAC Team on the 13<sup>th</sup> and 14<sup>th</sup> of September 2010, and the subsequent award of 'B' grade with a CGPA of 2.76 issued on 7<sup>th</sup> January 2011, has served as a great impetus to the Management, staff and students of the college to work with greater zeal and determination towards better results. As a result, a number of highly creative steps have been taken at the behest of the IQAC of the College in an effort to plan and execute quality steps in academics and extracurricular aspects.

All the four departments of the college could, due to the timely and concerted interventions of the IQAC, put in their very best towards quality enhancement throughout the academic year, despite the pressures of the newly introduced semester system at the undergraduate level and the consequent, yet inevitable, constraints of time.

The teacher-student ratio, which is approximately 1: 17, has proved to be an important factor that has helped us maintain a high standard of excellence in both academic as well as co-curricular fields. Moreover, all the four departments interact very closely with each other before implementing any crucial

decision. This has also had a very positive effect on the sterling academic standards maintained by the institution.

## **Section B:**

### **1. Activities Reflecting the Goals and Objectives of the Institution:**

The Institution focuses on the holistic growth of its students as is reflected in its vision, mission and motto. The Management has always encouraged the staff and students to imbibe holistic values by organizing discussions, debates and International Seminars with special thrust on holistic values.

Despite being a Christian Minority Institution, all the students of the college enjoy the rights and privileges that are due to them. The thrust on secular and holistic ideals have made the college stand apart from the other institutions of Higher Education. The holistic vision of the Management has resulted in justice being provided to its stakeholders, with the result that there has been no party politics within the campus since the time of inception.

## 2. **New Academic Programmes Initiated (UG and PG)**

**A Certificate Course on Communicative English and Soft Skills** entitled ‘Speakwell’ has been functioning very successfully since the last academic year, in which more than one hundred students have registered themselves. The Course is handled by a master- trainer with international experience.

**A Certificate Course on Yoga and Health Care** is being conducted by the Department of Physical Education. Classes for this course are being handled by experts in the field of Yoga along with demonstrations on yogic postures which are of immense practical use to the students. This course has also served to gain for the college a number of awards in Yoga at the Inter Collegiate, University and even Inter University levels.

Another Certificate Course on **Web Technology** has been underway since the beginning of this year. The Course is monitored and managed by the Department of Computer Science and has attracted many students, especially from other departments, to it. The highlight of these courses is that only a nominal fee is charged from these students for these courses, mainly because most of them come from rural areas and cannot afford to pay up the whole amount.

In addition to these, the college has arranged for its students a variety of coaching classes – for Civil Service Entrance, Public

Service Commission Exams, Bank Recruitment Tests, MCA and MBA Tests as well as the UGC NET Exams.

A tailoring unit has been made functional in the college, so as to enable the students to learn embroidery, stitching and appliqué designing during their leisure time. A photography Department has been functioning in the campus, with a view to honing the photography skills of those interested candidates. A competition for the best photograph is held in connection with the Annual Fine Arts Festival of the college, in which many talented students participate.

Sanction has been given to the college by the University of Calicut to start B Com, MSW and BA Public Administration, for which government concurrence is awaited. We have at present applied to the University for MSc Electronics.

### **3. Innovations in Curricular Design and Transaction:**

The college, which functions in the aided stream, cannot deviate from the prescribed syllabi designed by the affiliating university in the academic field. However, senior faculty members who are members of Boards of Studies have been instrumental in bringing about concrete changes in various aspects of the syllabus. On the other hand, the syllabi of the Add- On Courses on Yoga and Health Care, Web Technology and Spoken English

are designed by the respective faculty members dealing with those subjects.

#### **4. Inter- Disciplinary programmes started:**

Every year, two senior staff members are given charge of the interdisciplinary lecture series that are conducted in the college. The lectures are so conducted that all the students stand to benefit from them, since they focus on a cross section of issues that are relevant to the present.

A One-day lecture programme was conducted in college on August 1<sup>st</sup> 2011. The talk on 'Value-based Education' was given by Dr. Alexander Jacob IPS.

#### **5. Examination Reforms Implemented:**

All examinations are conducted in strict accordance with the rules and regulations of the affiliating university.

The introduction of the CCSS in all the UG and PG Courses have made it mandatory for all departments to conduct regular internal assessment tests, assignments and project-based work for the students. This is done most diligently by each department. The grades obtained by each student for every test,

as well as his/her final internal grades are meticulously recorded by the respective departments in hard and soft forms. Two internal examinations are conducted every semester, along with paper presentations by students on the concerned topics. Assignments are required to be submitted by every student on every subject. The grades obtained are then recorded alongside those obtained for the tests, before the final grades are put up on the notice boards.

#### **6. Candidates who have qualified NET, SLET etc:**

The following students from the Department of Psychology have qualified the UGC-NET Examinations this year.

1. Indu S. Menon – JRF
2. Sharika K.K – JRF
3. Ranjini P.R –NET
4. Aiswarya V.R –NET
5. Vishnupriya K.N –NET

## **7. Initiatives towards Faculty Development programmes:**

The college was sanctioned in the year 1995 with a team of 10 faculty members, with six of them already having their doctoral degrees.

The next recruitment was made in 1997, and of the five teachers selected, two were already PhD holders. The institution has always promoted and encouraged every kind of academic furtherance on the part of the faculty members, and as a result, has been widely encouraging them to avail FIP leave to complete their PhD projects.

At present, two members of the permanent faculty have availed this facility. They are Sri Joju K.T (Mathematics) and Smt Sonia Sunny (Computer Science).

Smt. Milu Maria Anto, Smt. Nice Mary Francis, Smt. Jaya A.T, Smt. Soumya Starlet and Smt. Sukanya Menon, all of the Department of Psychology, have registered as part-time PhD scholars at Bharatiar University.

Out of the twenty five members of the permanent staff, 8 are doctorate holders, 2 have submitted their theses and 7 have registered as FIP/part- time research scholars.

The college provides all possible help and support to the teachers for the enhancement of their academic skills, by encouraging them to participate and present research papers at seminars and conferences outside the college. Many of our teaching staff have served as resource persons in such forums.

The following members of the teaching staff presented papers at various Regional/ National academic programmes during this academic year:

### **Department of Psychology:**

#### **I. Dr. Varghese Paul**

1. Presented a paper on *Mindfulness and Mental Well-being in Yoga Practitioners* at the Three -day National Conference on Socio- Cultural Prospects of Positive Psychology in India, 23-25 January 2012 at Lissah College, Kozhikode.

2. Presented a paper on *Facing Old Age: a Study of Depression and Well-being among Institutionalized and Non-Institutionalized Elderly* at the Three- day National Conference on Socio- Cultural Prospects of Positive Psychology in India on 23-25 January 2012 at Lissah College, Kozhikode.

3. Resource person for the Three- day National Training Seminar on Counseling and Psychotherapy organized by Society of Psychologists for Social Action [SPSA] at Calicut on 23- 25 January 2012.

4. Presented a paper on *Why Do Adolescents Need Counselling?* at the Three -day National Training Seminar on Counseling and Psychotherapy organized by the Society of Psychologists for Social Action [SPSA] at Calicut, on 23- 25 January 2012.

5. Resource person for the Two- day National Researcher's Workshop on Child Governance at the Kerala Institute of Local Administration [KILA] Trichur, on 8-9 February 2012.

6. Presented a paper on *Child- scope for Related Research Studies* at the Two -day National Researcher's Workshop on Child Governance at Kerala Institute of Local Administration [KILA] Trichur, on 8-9 February 2012.

7. Conducted a seminar on *Teacher Effectiveness* at Chaldian Syrian Higher Secondary School, Trichur on 14-1-2012.

8. Keynote speech made at the One -day Seminar conducted in connection with Teachers Day Celebration held at Govt. High School, East Chalakudy on 5-9-2011.

9. Presidential Address and keynote speech made at the One-day Seminar on *Learning Disability and its Management* conducted by Prathyasa Counseling and Learning Disability Remedial & Training Centre, Trichur on 10-12-2011.

10. Talk on *Stress Management* at Pavana Counseling Centre, Chalakudy.

11. Resource person for the National Seminar on Quality Enhancement in Higher Education through Student Support and Progression Organized by IQAC, St. Mary's College, Trichur on 2<sup>nd</sup> and 3<sup>rd</sup> March 2012.

**Positions held:**

1. Chairman, Board of Studies in Psychology [UG], Calicut University.
2. External Examiner and Question Paper Setter for the Various Universities in Kerala.
3. Resource person for the Staff Selection Commission, Bangalore.
4. Research Guide of Bharathiar University, Coimbatore and Dravidian University, Andhra Pradesh.

## **II. Dr. Monsy Edward**

1. Paper entitled *Self Esteem in Relation to State-Trait Anxiety Among College Students*, at the National Conference held at Lissah College Kozhikode, on 23-25 January 2012.
2. Paper entitled *The Influence of Family Environment on Teenage Relationships* at the National Conference held at Lissah College Kozhikode, on 23-25 January, 2012.
3. Paper on *Memory in Positive and Negative Schizophrenics* at the National Conference held at Lissah College Kozhikode, on 23-25 January, 2012.
4. Paper entitled *Influence of Aggression and Impulsiveness Among Adolescents* at the National Conference held at Lissah College Kozhikode on 23-25 January, 2012.
5. Paper on *Adjustment and Self Esteem of Adolescence: An Examination of Gender Differences* at the National Seminar held at Sree Sankaracharya University of Sanskrit Kalady, on 22-24 February 2012.
6. Paper on *Family Environment and Achievement Motivation Among Adolescents* at the National Seminar held at Sree

Sankaracharya University of Sanskrit, Kalady on 22-24  
February 2012.

**Positions Held:**

1. Chairman, BOS Clinical Psychology (PG) University of Calicut
2. Member, Faculty of Science, University of Calicut
3. Research Guide, Clinical Psychology, Bharatiar University

**III. Sukanya Menon**

1. Paper entitled *Cognitive Deficits in Breast Cancer Patients Treated with Chemotherapy*, at the UGC Sponsored National Seminar on ‘ Neuropsychology : Challenges and Possibilities’ organized by the Department of Psychology ,Praiyoti Niketan College, Pudukad on 19<sup>th</sup> and 20<sup>th</sup> August 2011.
2. Paper on *Role of Social Support on Cancer- related Distress Among Breast Cancer Patients*, co-presented with Dr. C.Jayan at the National Conference on ‘Socio Cultural Prospects of Positive Psychology’ held at Little Flower Institute of Social

Sciences and Health Kaithapoyil Kozhikode on 23,24 and 25 January 2012.

3. Paper entitled ***Relationship between Parenting Behavior and Family Interaction among Adolescent Girls*** co-presented with Priyanka Poly and Seena Thomas at the National seminar on Child- Development held at Sree Sankaracharya University of Sanskrit, Kalady on 23rd &24th February 2012.

#### **IV. Nice Mary Francis**

1. Paper entitled ***Executive Functions of the Learning Disabled: An Analytical Study***, presented at the UGC Sponsored National Seminar on Neuro- Psychology: Challenges and Possibilities organized by the Department of Psychology, Prajyoti Niketan College, Pudukad on 19 and 20 August 2011.

2. Paper on ***Neuro- Psychological Factors Related to Scholastic Backwardness: An Explorative Study***, presented at the UGC Sponsored National Seminar on Neuro Psychology: Challenges and Possibilities organized by the Department of Psychology, Prajyoti Niketan College Pudukad on 19 and 20 August 2011.

3. Paper entitled ***Impact of Parental Behaviour and Family Environment on Self Esteem and Adjustment of Learning-***

***Disabled Children and Non-Disabled Children : A Comparative Study***, presented at the National Conference on Socio- Cultural Prospects of Positive Psychology in India, organized by the Department of Psychology, Little Flower Institute of Social Science and Health, Calicut on 23<sup>th</sup>-25<sup>th</sup> January 2012.

4. Paper entitled ***Scholastic Backwardness: A Deeper Insight into their Executive Functioning***, presented at the National Conference on Socio- Cultural Prospects of Positive Psychology in India, organized by the Department of Psychology, Little Flower Institute of Social Science and Health, Calicut on 23<sup>th</sup>-25<sup>th</sup> January 2012.

5. Paper on ***A Study on Locus of Control and Self –Esteem Among Adolescents***, presented at the UGC- Sponsored National Conference on Child Development, organized by the Department of Psychology, Sree Sankaracharya University on 22<sup>nd</sup>-24<sup>th</sup> February 2012.

## **V. Milu Maria Anto**

1. Paper entitled ***Working Memory Deficits in Schizophrenia***, presented at the UGC- Sponsored National Seminar on Neuro Psychology: Challenges and Possibilities, organized by the

Department of Psychology, Prajyoti Niketan College, Pudukad on 19<sup>th</sup> and 20<sup>th</sup> August 2011.

2. Keynote Speech on Emotional and Behavioural Problems of Children, at the National Workshop 'Sathgamaya' on 19<sup>th</sup> February 2012.

3. Conducted an Awareness Programme for parents in connection with PTA General Body Meeting on the topic Childhood Disorders and its Management, at St. Xavier's Upper Primary School, Pudukad on 8<sup>th</sup> July 2011.

#### **VI. Soumya Starlet**

1. Paper entitled *Reinforcing Effect of Electric Stimulation of Brain – A Review*, presented at the UGC- Sponsored National Seminar on Neuro Psychology: Challenges and Possibilities, organized by the Department of Psychology, Prajyoti Niketan College, Pudukad on 19<sup>th</sup> and 20<sup>th</sup> August 2011.

2. Paper on *Importance of Emotional Intelligence in promoting Mental Health among Teachers*, presented at the UGC- Sponsored National Seminar on Self Esteem and Mental Health Promotion among Teachers organized by SNM Training College Moothukunnam on 4<sup>th</sup> and 5<sup>th</sup> August 2011.

3. Paper on *Self Esteem in Relation to State-Trait Anxiety and Academic Achievement among College Students*, presented at the National Conference on Socio-Cultural Prospects of Positive

Psychology, organized by Little Flower Institute of Health and Social sciences, Kozhikode on 23<sup>rd</sup>-25<sup>th</sup> January 2012.

4. Paper on *Emotional Intelligence and Locus of Control: A Comparative Study of Orphans and Non-Orphan Students*, presented at the UGC Sponsored National Seminar on Child Development held at Sree Sankaracharya University of Sanskrit, Kalady on 23<sup>rd</sup>-25<sup>th</sup> January 2012.

## **VII Jaya A.T**

1. Presented a paper entitled *The Role of Achievement Motivation and Anxiety in Academic Performance*, at the National Seminar on Child Development, organized by the Department of Psychology, Sree Sankaracharya University of Sanskrit, Kalady on 22<sup>nd</sup> February 2012.

2. Paper entitled *The Relationship of Family Relationship with Self Esteem in Early Adolescence*, presented at the UGC Sponsored National Seminar on Child Development organized by the Department of Psychology, Sree Sankaracharya University of Sanskrit, Kalady on 22<sup>nd</sup> February 2012.

## **Department of English:**

### **I. Dr. Sr. Sophy**

Presented a paper entitled *Canto 74: Paradisal Motif in Purgatorio*, at the University of London, as part of the XXIV Ezra Pound International Conference, London, 5<sup>th</sup>-9<sup>th</sup> July 2011.

## **II. Dr. Dhanya Menon**

Paper on *Reconstructing Semiosis*, presented at the National Conference on Literary Theory: Methodology and Perspectives, held at Vallathol Vidyapeedom, Malappuram on 1-2 November 2011.

## **III. Binoj Jose**

Paper on *Peace and Eco-Social Justice: Failed Distributive Justice, Violence and Militancy in India*, presented at the International Seminar on Eco-Social Justice: Issues, Challenges and Ways Forward, held at De Paul Institute of Science and Technology, Angamaly on 9<sup>th</sup> November 2011.

## **Department of Computer Science:**

### **1.Binu P. Chacko**

Delivered a talk on *Advanced PowerPoint Presentation* at a Refresher Course on Information Communication Technology, UGC-ASC, Kannur University, Dharmasala, Kannur. (Dt. 19/3/2012)

## **2. Smt Sonia Sunny**

1. Paper entitled *Application of Discrete Wavelet Transforms and Artificial Neural Networks in Recognizing Spoken Digits*, presented along with David Peter S and K. Poullose Jacob at the International Joint Colloquiums on Computer Electronics Electrical Mechanical and Civil, September 2011, Ilahia College, Muvattupuzha.

2. Paper on *Recognition of Spoken Digits: A Comparative Study of Discrete Wavelet Transforms and Wavelet Packet Decomposition with Artificial Neural Networks Classifiers*, presented along with David Peter S and K. Poullose Jacob at the 2<sup>nd</sup> International Conference on Computer Science and Information Technology, November 2011, New Delhi.

3. Paper entitled *Wavelet Packet Decomposition and Artificial Neural Networks based Recognition of Spoken Digits*, presented along with David Peter S and K. Poullose Jacob International Conference on Cognition and Recognition, December 2011, Mysore University.

## **3. Dr. E. Sandhya**

The following papers were presented at a National Conference on Probability and Statistics at CUSAT, Kochi in December.

*1. Measure of memory of discrete distributions with gaps in their support.*

*2.Characterizations of Harris distribution as a member of generalized power series distributions.*

3.Resource person for a Refresher Course in Statistics, University of Kerala in November.

4.Talk on *Data Analysis* given at a National Workshop on Probability and Statistics held at Mysore University on 6<sup>th</sup> March 2012.

5.The following two joint research papers were presented at a National Seminar on Statistics at University of Calicut in March.

*1.Characterization of discrete distributions with ALM property in terms of their MRLF.*

*2.On inflated parameter Harris distribution.*

6.Talk on *Statistics in Sociology*, given at St. Thomas College Thrissur in March.

**Department of Physical Education:**

**Sri. Paul Chacko**

Resource Person for Academic Staff Colleges of Calicut, Mahatma Gandhi and Kannur Universities.

Resource Person for Kerala State National Service Scheme Programmes and Coordinator of NSS Refresher/ Orientation Courses.

Resource Person for the Orientation Course of the Kerala State High School Teachers Forum.

*The following members of the teaching faculty have published articles in Research Journals during this academic year:*

**Department of English:**

Dr. Dhanya Menon published the following articles:

***1.The Aesthetics of Histrionic Representation: Semiotics at Work.*** Thematics Journal of English Criticism. Vol I, Issue I, November 2011.

***2.Sounds within Those Walls.*** Translation of an article by Dr. Saradakutty. Basheer and Contemporary Literature. University of Calicut, Vol I, January 2011.

***3.Basheer's Art : A Therapy for the Moral Maladies of the Modern Malayali.*** Translation of an article by B.Rajeevan.

Basheer and Contemporary Literature. University of Calicut, Vol I, January 2011.

Sri Binoj Jose published an article entitled *Peace and Eco-Social Justice: Failed Distributive Justice, Violence and Militancy in India*, in Public Policy and Administration

Research [www.iiste.org](http://www.iiste.org) ISSN 2224-5731 (Paper) ISSN 2225-0972 (Online)

### **Department of Computer Science:**

Smt Sonia Sunny published the following papers:

Sonia Sunny, David Peter S, K. Poulouse Jacob, *Wavelet Packet Decomposition and Artificial Neural Networks based Recognition of Spoken Digits*, International Journal of Machine Intelligence, Vol.3, Issue 4, pp.318-321, December 2011.

Sonia Sunny, David Peter S, K. Poulouse Jacob, *Discrete Wavelet Transforms and Artificial Neural Networks for Recognition of Isolated Spoken Words*, International Journal of Computer Applications, Vol. 38, No.9, January 2012.

Sonia Sunny, David Peter S, K. Poullose Jacob, *Optimal Daubechies Wavelets for Recognizing Isolated Spoken Words with Artificial Neural Networks Classifier*, International Journal of Wisdom Based Computing, February 2012.

Sri. Binu P Chacko published a paper titled *Handwritten Character Recognition using Wavelet Energy and Extreme*

*Learning Machine* in International Journal of Machine Learning and Cybernetics (Springer)

#### **8. Total number of Seminars/workshops conducted:**

The college has, since its inception in 1995, been hosting at least two seminars every year at the regional/national levels. A week-long International Seminar on Holistic Health was organized by the Management in 1997. The college has conducted a total of twenty three regional, eight national and one International Seminar across the four departments since 1995.

#### **9. Details of Seminars organized during 2010-2011:**

The Department of English had the privilege of hosting two UGC-Sponsored National Seminars during this academic year. A Two-Day National Seminar on *Ekphrastic Patterns in Art and Literature* was organized on 24<sup>th</sup> and 25<sup>th</sup> of February 2012. Another Two-day National Seminar on *Representing the Subaltern: An Enquiry into the Neo- Liberal Mediascape* was also conducted by the Department on the 2<sup>nd</sup> and 3<sup>rd</sup> March

2012. Teachers, research scholars and students from many institutions in and outside Thrissur district attended the seminars.

The Department of Computer Science hosted a Two-day Regional Workshop, *Imago 2012* on 20<sup>th</sup> and 21<sup>st</sup> January 2012.

A Two-day National Seminar on *Neuro-Psychology: Challenges and Possibilities* was organized by the Department of Psychology on the 19<sup>th</sup> and 20<sup>th</sup> of August 2011.

The Department of Physical Education organized a Two-day National Seminar on *Advanced Practices in Yoga Therapy* in January 2012.

#### **10. Research Projects a) ongoing b) completed**

- a. **Ongoing:** Dr. Dhanya Menon, Associate Professor, Department of English, has undertaken a UGC Minor Research Project on the topic *Re- exploring Polysemic Discourse: The Quest for a Universal Poetic in Indian Art*. The project is now underway and is expected to be complete by March 2013.
- b. **Completed:** Dr. Sr. Sophy, Associate Professor, Department of English, has submitted her Minor Research Project on the topic *The Curative Interface between Modern Philosophy and Modernist Poetry* in January 2011.

**11. Patents Generated, if any:**

Nil.

**12. New Collaborative Research Programmes:**

Nil.

**13. Research Grants received from various agencies:**

Nil.

**14. Details of Research Scholars:**

Sri Binu P. Chacko, Associate Professor, Department of Computer Science has submitted his doctoral dissertation to the Kannur University on the topic *Intelligent Character Recognition –A Study and Analysis of Extreme Learning Machine and Support Vector Machine using Division Point and Wavelet Features* in December 2011 after availing the UGC FIP for a period of two years.

Sri Paul Chacko, Associate Professor, Department of Physical Education has also submitted his PhD thesis to Bharatiar University in August 2011.

Sri.K.T Joju, Associate Professor, Department of Mathematics has availed the FIP for a period of two years to do his PhD project.

Smt. Sonia Sunny, Associate Professor, Department of Computer Science, has also availed the FIP for a period of two years for her PhD Programme.

Smt. Milu Maria Anto, Smt. Nice Mary Francis, Smt. Jaya A.T, Smt. Soumya Starlet and Smt.Sukanya Menon, all of the

Department of Psychology, have registered as part-time PhD scholars at Bharatiar University. Sri Binoj Jose, Department of Political Science, will be submitting his PhD thesis to Mahatma Gandhi University by December 2012.

**15. Citation Index of faculty members and Impact Factor:**

Nil.

**16. Honors/Awards to the faculty: National/International**

The Manager of Prajyoti Niketan College, Rev. Dr. Harshajan Pazhayattil, has been conferred the '*Shiksha Bharati*' National Award for his contribution to nation building.

Dr. E. Sandhya, Associate Professor, Department of Statistics, won the 2010 *Dr. M. M. Ghani Award for the Best Teacher of the Calicut University*.

**17. Internal Resources Generated:**

<b>Department/ Committee</b>	<b>Purpose</b>	<b>Amount generated</b>
Management	Developmental Activities	44 lakhs
Computer Science	Departmental Activities	35,000.00
Electronics	Departmental Activities	22,000.00
PTA	Developmental Activities	82,000.00
Psychology Department	Departmental Activities	26,000.00
English Department	Departmental Activities	20,000.00

**18. Details of departments getting assistance /recognition under SAP, COSIST (ASSIST)/DST, FIST and other programmes:**

Nil.

**19. Community Services:**

**NSS:**

The National Service Scheme of the college is a major organization that helps instill in the student community a sense of social responsibility, thereby contributing towards the noble cause of nation building. Orientation Programmes for new comers, group- dynamics sessions, Anti-Drugs Day Awareness classes, blood donation camps in association with St. James Hospital Chalakudy, free eye camps for the local community, visits to geriatric homes and orphanages as well as planting trees in the campus were the main activities of the NSS this year. The

Red Ribbon Club also functions very effectively under the auspices of the NSS.

A One-day Spiritual Retreat Programme was arranged for the students of the college on December 5<sup>th</sup>, 2011 with a view to enabling them absorb moral values. The AICUF (All India Catholic University Federation) encourages students to come up successfully to the forefront of society through Leadership camps, workshops and seminars. More than 70 students, under the leadership of Ms. Rincy T.A and Ms. Soumya Starlet visited the Geriatric Centre for Women at Chittissery in November 2011.

**20. Teachers and officers newly recruited.**

The following teachers were appointed as Guest Faculty to the various departments this year:

1. Sri Arun M.K –Malayalam
2. Ms. Remya V –Computer Science
3. Ms. Chithra – Mathematics
4. 4. Sri. Binoj Jose – Political Science

**21. Teaching – non-teaching staff ratio:**

4:2.7

**22. Improvements in Library Services.**

One of the most meritorious and noteworthy achievements of the college during this academic year has been the enhancement of services and facilities in the library. Set in an area of more than 4000 sq.ft, the library has been equipped with state-of-the-art facilities. It has a collection of 10,892 volumes of books. It has a collection of 8860 books, in addition to 9 newspapers, 49 periodicals (including 3 International and 24 National journals). It has a collection of 369 CDs, DVDs and manuscripts. We also provide access to

51,000 e- books and 2100 e-journals. The library offers access to the visitors through the DELNET Database for procuring books through inter-library loans. Reprographic and free internet facilities are also provided in the library.

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

Student feedback regarding the teaching performance of their teachers is taken once a year. The college has provided a pro forma for the same. The filled-up forms are submitted to close scrutiny by the Principal, who maintains the secrecy of the same. Although there have never been any major complaints about teachers till date, the Principal looks into each issue that is raised by the students and offers appropriate suggestions to the concerned teacher. With the introduction of the CCSS programme, it has been decided to arrange for teacher-evaluation once a semester.

### **24. Feedback from Stakeholders:**

The alumnae, parents and the local community are the most important stakeholders of the institution. Feedback is collected from these stakeholders on an informal basis, and every suggestion/complaint, whether major or minor, is

judiciously looked into by the Principal and his team. Students pursuing their higher studies at other institutions, as well as those who gain employment, provide regular and constructive feedback on the way their Alma Mater has influenced their lives and careers.

#### **25. Unit Cost of Education:**

Including salary component – Rs.70, 534/-per student

Excluding salary component – Rs.13, 810/- per student

#### **26. Computerization of Administration:**

The entire administrative machinery is computerized. The software for the same is updated regularly by the technical staff. Disbursal of salaries to the staff, tax documents, admissions, examination results as well as maintenance and related matters like payment of water, electricity and telephone bills are computerized. Moreover, the introduction of the CCSS programme has necessitated the computerization of the staffrooms too. As a result, every faculty member has been provided a computer from this academic year onwards, making their work simplified to a very large extent.

Selection of students to the respective courses is done strictly on the basis of the marks obtained at the qualifying examination.

**Table 1 – Seats allotted for different categories**

Open Merit	50%
SC	15%
ST	5%
Christian (Catholic)	10%
Management	20%

**Table 2 -- Minimum marks for admission**

Category	Minimum marks	
	UG	PG
General	35%	50%
SC/ST/OBC	35%	50%
Children of Jawans & Gallantry Award winners	35%	50%

**Table 3 -- Bonus marks for Admission**

Category	Bonus-marks	
	UG	PG

Ex-servicemen, Children of widows	15	15
NCC / NSS	15	15
NCC Certificate C	10	10
B	5	5
A	3	3

**Table 4 – Preparation of rank list**

1. BA English	Marks secured in Plus II + Twice the marks in General English + Bonus marks, if any
2. Electronics	Marks secured in Part III + Marks for Physics / Mathematics (whichever is the highest) + Bonus marks, if any
3. Computer Science	Total marks secured in Part III + Marks in Mathematics (For students who haven't studied Mathematics, Marks secured in Computer Science/ Computer Application) + Bonus marks, if any
4. Psychology	Total marks secured in Plus II + Marks secured in Psychology optional + Bonus marks, if any

The Admission Committee consists of the Principal, the Heads of Departments and two senior members from the permanent faculty.

The admission process is computerized. After the cut-off date, the final list, incorporating corrections, if any, is published.

Five times the number of required students for admission to the different courses is called for the interview. The entire admission process is conducted in the college Auditorium in the presence of parents. Slots are filled according to the order in which candidates appear for the interview.

The preparation of the final list is done on the day of admission itself, and the admission process is completed on the same day.

In case there are vacancies after the exhaustion of the sure list and chance list, a second list is published the day after the interview. Copies of the rank lists and supplementary lists for all programmes are sent to the Registrar of the University. These lists are also published in the College notice board. The rules regarding reservation of seats for scheduled caste/scheduled tribe candidates are strictly followed.

Being an aided college we follow the guidelines given by the University in our entire admission process. The prescribed

norms for selection of students in the Sports/SC-ST-OBC/Physically challenged quotas are strictly adhered to.

Even though there are no special provisions in the university regulations ensuring access for women to different academic programmes, about seventy five percent of students joining this college are girls.

The university instructions regarding reservations of seats for Scheduled Castes and Scheduled Tribes are strictly followed in the institution. The seats that cannot be filled up from the quota reserved for SC/ST can be filled up from Other Eligible Community (OEC), only after publishing the vacancy in the Newspaper thrice. If sufficient candidates from OEC candidates are also not available, the usual practice in the college is to keep those seats vacant.

Three percent of the seats for undergraduate programmes are reserved for the physically handicapped candidates. Out of the 3%, one percent is reserved for the blind, one percent for deaf and one percent for orthopedically handicapped.

Candidates with minimum 40% disability are considered for admission to the seats reserved for physically handicapped candidates.

The students from socially and economically weaker sections are given fee concessions by the state government, to encourage them to join higher education. Two seats in each under graduate

programme are reserved for candidates with outstanding records in sports and games. One seat in each degree programme is reserved for the native scheduled tribe students of the Union Territory of Lakshadweep.

Complete transparency is ensured in the admission process. In the case of internal/ terminal examinations, the marks secured by the students are recorded and made available to their parents during the PTA meetings. The internal assessment marks of students are put up in the notice board before the commencement of the external examination. In the case of final exams, the university issues certificates after each annual exam.

### **27. Increase in infrastructure facilities:**

The Management has spent more than 44 lakhs this academic year for infrastructural development alone. The construction of a new Women's Hostel with an aid of Rs.60 lakhs from the UGC is in progress and is expected to be complete by the end of this year.

### **28. Technology upgradation:**

The college library, which has been functioning with state-of-the-art facilities, is now equipped with the scanning system.

**29. Computer and internet access and training to teachers, non-teaching staff and students:**

All the first year students are given a week- long training in basic computer skills by the teachers of the Computer Science department. Moreover, the college provides free internet access to all the staff and students from 8 am to 5pm on all working days. The teaching and non-teaching staff are also given three to four hours of training in computer skills, in keeping with the advancements in the field.

**30. Financial aid to students:**

Government Scholarships/stipends are disbursed through E-Grants. An amount of Rs.23,810/- was given to SC students and Rs. 1,0510.00 to OECs this year. Given below is the list of students who have secured the different scholarships this year.

**PALOLI COMMITTEE SCHOLARSHIP TO MUSLIM GIRLS**

1. Fathimath Suhara – I BSc Psychology
2. Mufsira Mariam – I BSc Psychology

**CENTRAL SECTOR SCHOLARSHIP**

1. Aparna V.V – I BSc Psychology
2. Ramseena P.P – I B.A English
3. Seethal Johnson – I BSc Computer Science
4. Sutharya Nair – I BSc Psychology

**POST METRIC SCHOLARSHIP (Rs.3000.00)**

1. Anju Pius – I BSc Computer Science
2. Arya Vincent – I BSc Psychology
3. Christo Vincent – I BSc Computer Science
4. Femi Jose – I B.A English
5. Femy Davis – 1<sup>st</sup> B.Sc Computer Science
6. Haritha Rajan – I B.A English
7. Livin Joby – I BSc Electronics
8. Mary Rose – I BSc Computer Science
9. Najula K.M – I BSc Computer Science
10. Namisha Wilson – I BSc Computer Science
11. Nicy Antony – I BSc Computer Science
12. Reshma P. Paul – I BSc Computer Science
13. Ronald Thomson – I BSc Electronics
14. Rose Maria – I BSc Computer Science
15. Salin Lazar – I BSc Computer Science
16. Shoja Jolly – I BSc Computer Science
17. Steffy Francis – I B.A English
18. Vysakh Raju Padamadan – I BSc Electronics

**KERALA STATE SUVARNA JUBILEE SCHOLARSHIP****(Rs.10, 000.00)**

1. Sonia Joy – I BSc Computer Science

**BLIND/PH SCHOLARSHIP**

1. Nayana Joy –I BSc Psychology

**CENTRAL SECTOR SCHOLARSHIP**

1. Aparna V.V –I BSc Psychology
2. Ramseena P.P – I B.A English
3. Seethal Johnson – I BSc Computer Science
4. Sutharya C.Nair – I BSc Psychology

In addition to this, the Management provides substantial financial help to many students. A total of Rs.1, 33,000 was provided by the Management. This fund is established with a view to give some financial assistance to a limited number of students for promoting their college education. The fund is raised from contributions from the Management, students and the public. (All students make a voluntary contribution of Rs.100/- towards student's special welfare services.)

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

The first Alumni Association was formed in the year 2002. Since the College had its inception in 1995, the first batch passed out in 1998.

An annual Alumni get-together is held on Mahanavami day every year. Since most of the students pursue higher studies, only very few are immediately employed. However, all of them maintain close personal relations with their teachers and with their parent institution.

With more students having secured good jobs in prestigious companies, many of them have contributed generously to the Alumni Fund. It stands to the credit of our Alumni that they have been instrumental in sponsoring the new website of the

college. The 'Nanma' Scholarship Scheme, a brainchild of the Association, by which one student from each department is given an amount of Rs.5000/- , was given away this year too, to the following students.

Athira Chandran - Computer Science

Shilpa Sivakumar - Electronics

Karthika M.V - Psychology

Dejohn P. Davis - English

One of our alumnae, Ms. Vinaya Menon, had offered to sponsor a deserving Ist year student of the Department of Psychology by

donating an amount of Rs. 10,000/- per year for three years. This amount was received this year by Neethu A.T of the Psychology department for the second consecutive year. Ms. Sharikka Shyam, an alumna of the college, also offered to sponsor a student for three years, and Ms. Ramseena P.P of 1<sup>st</sup> B.A English availed this amount.

A number of highly creative suggestions were put forward by the Alumni Association office-bearers at the Executive meeting held this year.

The college encourages the alumnae to participate in all the important activities of the college.

### **32. Activities and support from the Parent -Teacher Association.**

As has already been mentioned, the college has throughout been blessed with a very cooperative parent-teacher body, which has lavishly provided the necessary monetary as well as moral support to the Management even during the most crucial times. The PTA has been instrumental in providing the funds for the upgradation of the College Office. The PTWA (Parents Teachers Well-wishers Association) is a body which aids the Management in raising funds for various activities.

**33. Health Services:**

Arrangements were made from the academic year 2010- 2011, for the services of a practicing physician to provide medical consultation to the students once a week. An hour is assigned for this purpose. The practice continues this year too. The outgoing students every year are made to undergo a thorough medical check-up before they leave the institution. A rest room has been provided to the girl students.

**34. Performance in Sports activities:**

The present year has witnessed an unprecedented increase in the number of winners in various Sports events at the Zonal and University levels. The number of girl students who have participated and won prizes in the different events requires special mention, especially due to the fact that the College is located in a rural area and the majority of students hail from this locality.

**35. Incentives to outstanding sportspersons:**

Trophies, medals and certificates are distributed to winners of various sports events at the college level, every year. Special awards are given away to those sports persons who are selected to represent the college at the University or inter university levels. This year, Bijesh O. was selected as the Outstanding Sportsman, and Fegi Joy was given the Best Sportswoman of the Year Award.

### **36. Student achievements and awards:**

The CCSS pattern has been introduced at the undergraduate level from 2010 onwards. As a result, the system of awarding university ranks to the top-scorers in the respective subjects has ceased to exist. The first batch of CCSS students are in the

process of writing their University examinations of the final semester and their results will be declared by June 2012.

However, the history of a series of more than 115 university ranks within a short span of 13 years—till 2010-- in all the four subjects, serves as a strong impetus to the entire management, staff and students to move forward with greater enthusiasm in enabling the institution to scale greater heights of glory in the academic field.

## **SPORTS**

### **Academic year 2010 -2011**

This academic year saw a number of achievements in the Sports field. Our Yogasana Team –both men and women—won the **Calicut University Yogasana Championships**. Ms. Seena Senslavose, Ajith K, Dalwin M.A and Aleesh V.A have been selected to the Calicut University Yogasana Team. Our college Womens Cycling team also won the **University Cycling Championship**. Ms. Karthika M.V, Nimisha Dharman and Fegi Joy have been selected to the University Womens Cycling Team. Fegi Joy has been selected as the **Individual Champion** of the University Cycling team. Our Mens Kabadi Team won the **D-Zone Championship** as well as the **Interzone Runners-up Trophy**. Bijesh O was sselected to the **Kerala State Team**. We also bagged the **University Tennis Runners-up Trophy**. Our Mens Cycling and Boxing Teams secured the third place in the University Championship.

The outstanding achievements of our college sportsmen and women can be summed up in the following way:

- 38 students won various prizes at the Calicut University Competitions.
- 4 students represented the State in the Junior/ Senior National Championships.

### **37. Activities of the guidance and counseling unit:**

The Department of Psychology takes the initiative to undertake all the activities related to counseling in the college. Being an institution located in a rural area, most parents are unwilling to seek the help of counselors from hospitals to help their wards even in case of emergencies.

A senior faculty member of the department takes the initiative to provide professional guidance and counseling to those students who require help, either with regard to personal matters or regarding their academics. In cases where secrecy is not required, the issue is discussed with the concerned class teacher and the matter is resolved. A lady teacher of the department is also made available for those girl students who require special care.

A detailed record of all the cases which are brought to the notice of the counselors is maintained by the department.

### **38. Placement services provided to students:**

Although there is no direct Placement Cell functioning in the College, a number of professionals in the field are recruited by the Principal for the same. 'IT Zen' is a professional group which handles classes once a week for the students of Electronics and Computer Science and offers placement for the top scorers. The 'Speakwell' Course, which is handled by a Soft

Skills group, 'BrainTree', also offers job opportunities in established companies for the students.

### **39. Development programmes for non-teaching staff:**

The non-teaching staff are encouraged to participate in computer literacy and administrative procedures at other institutions which are beneficial to them.

### **40. Good practices in the Institution:**

The holistic vision of the Management of the college is reflected in each of the academic and co curricular activities conducted in the college.

The deep personal rapport between the teachers and the taught, the commitment and sincerity displayed by a group of highly talented and motivated faculty and the farsighted developmental objectives of the Management are the main reasons for the various good practices that are instilled by the institution on its most important stakeholders, the students.

Great importance is given to the spiritual growth of the students alongside academic pursuits. The spirit of patriotism, brotherhood and mutual co operation is always given prime importance in this small academic community, which has a student strength of below 450.

**41. Linkages with National/International, academic/research bodies :**

Nil

**42. Action Taken Report on the AQAR of the previous year**

The Annual Report of the IQAC (AQAR) is sent to NAAC by the last week of March every year. This is the third AQAR that is being sent for perusal and appraisal. We have not yet received any formal communication from the higher academic bodies regarding the same.

**43. Any other relevant information the institution wishes to add :**

The college has been awarded a **B Grade with a CGPA of 2.76 by NAAC**. The Peer Team had commended the institution as highly worthy of growth, especially with regard to the teaching-learning process. It stands to our credit that we could make worthwhile achievements in spite of our relative youth. These achievements have come in the forms of University ranks (more than 115 ranks in 15 years), accolades in Sports and Arts at the

University and Inter-University levels and also with regard to teacher- competence.

**Institutional Plan:**

- Installation of a transformer to meet the requirements of the State Electricity Board in view of the increased connected load over the years.
- To implement teacher-benchmarking system as a professional means of faculty-development.
- To establish a system for student progression and make it available on the internet for on-line access by parents and other stake holders.
- To encourage more faculties to do research and to take up minor /major projects.
- The college has already made specific plans to start a Certificate Course in Animation Technology.
- Coaching classes for IAS, MBA MCA and bank tests are underway for the coming academic year.
- Construction of a Basketball Court is also underway

**Department of Psychology:**

- The department could successfully organize a variety of lectures on topics that were of equal benefit to both the PG and UG students of the department.

- The PG students provide voluntary counseling service to the students of the neighbouring school on a regular basis.
- The department conducted UGC/NET/ Lectureship Coaching Programme for the PG Students.

### **Future Plans:**

- Upgradation of the Psychology lab
- To provide psychological support for the inmates of the Pain and Palliative Care Unit of Pudukad panchayat.

### **Department of English:**

The department is at present undertaking the following activities:

- Arranging regular talks for the students of the department by Resource persons from other institutions as well as by the well-placed Alumnae of the department.
- Arranging Personality Development and Career Guidance programmes
- Conducting Spoken English classes for the upper primary students of the neighbouring Malayalam medium schools. This was being done on all Fridays by the final B.A students of the department and was a highly effective and successful venture.
- Conducting systematic PTA meetings and maintaining regular records of attendance by parents.

- Publishing a Manuscript Magazine every year.

#### **Future Plans:**

- To conduct classes on English Language for the school students of the locality
- To provide reading material for the freshers in order to encourage them to improve their language/ reading skills
- To organize batch-wise personality-development classes.
- To organize extension lectures for the students of the department.

#### **Department of Computer Science:**

##### **Future Plans:**

- The department plans to organize Coaching Programmes for CAT and MAT examinations from the next academic year onwards.
- It has also been decided to organize an Autodesk Animation Certificate Course for the students of all streams.

#### **Department of Electronics:**

- The department could effectively organize a variety of talks by experts on Energy Conservation and related topics.

- The department initiated a 'Save Energy' Programme in collaboration with the Pudukad Grama panchayat and KSEB. The students visited 350 homes and created awareness among the local people on the importance of power saving through the use of LED bulbs, manufactured by the students themselves.
- The department has been successful in conducting the IT Zen Programme.

**Future Plans:**

- To conduct Awareness programmes related to **Networking** in neighbouring schools.