

ANNUAL QUALITY ASSURANCE REPORT (AQAR) OF THE IQAC

St. Joseph's Training College, Mannanam

Year of Report: 2010-11

St. Joseph's Training College, Mannanam was established in 1957 and was then affiliated to Kerala University. Since 1983 the college is affiliated to Mahatma Gandhi University. The college is a co-educational institution since 1986. It is recognized by NCTE. It was re-accredited by the NAAC at B level in 2008. As an effort to sustain excellence and to improve the quality, IQAC was reconstituted on 24- 9- 2010 due to the retirement of the principal on 31-3-2010. Plan of action chalked out by the IQAC in the beginning of the academic year 2010-2011 towards quality enhancement is given below under section A.

Section A

Plan of Action for the Academic Year 2010-11 Chalked Out By the IQAC

Towards Quality Enhancement

Infrastructural Facilities

Maintenance works, renovation of flooring and plastering works of the college building and construction of workshop room for SUPW, network resource centre, ladies staff quarters and common room and additional toilet facilities for women will be undertaken during the academic year 2010-11.

Library Facilities and upgradation of Technology

Additional books to the library will be purchased. It is planned to buy six LCD projectors, two interactive boards, thirteen computer systems, two OHPs, two 3KV online UPS with 3 hrs back up, one photocopier, and two laser jet printers. It is also proposed to set up a digital sound system in the auditorium and purchase sports equipments.

Appointment of Teaching Faculty

The NCTE has approved an intake of 150 students for the academic year 2010-11. It is proposed to appoint four Assistant Professors to maintain the teacher pupil ratio stipulated by NCTE and to appoint one Assistant Professor in the substantive vacancy of the principal who retired on 31- 3- 2010.

Programmes for the upliftment of SC/ST and minority categories

The college is a minority community institution and situated in a rural area. The college intends to organize a variety of programmes such as providing computer education, communicative English courses, supplying study materials and distribution of scholarships for the betterment and upliftment of SC/ST and minority students.

Personality Development of Student Teachers

In order to facilitate the integrated development of personality of student teachers, IQAC proposed to organize various activities for them. Such activities will be carried out through various clubs such as Cultural club, Nature club, Debate club, Tourism club, Women cell, Oratory club and Spiritual Animation Cell. The teachers should be assigned to co-ordinate the activities of these clubs.

The suggested activities of these clubs are

- Organize weekly cultural evening of students in different optional subjects.

- Arrange cultural events in connection with celebration of festivals and important days.
- Conduct weekly debate on current issues.
- Visiting social service centres
 - Conducting a social survey
- Undertake the project of constructing and maintaining a herbal garden.
- Organize study tour to historically and educationally important places in the country.
- Edit and publish magazines and journals.
- Organize guest lectures, seminars and workshops
 - Motivate and prepare students for participating in inter-collegiate competitions.
- Organize the fifth Inter-training Collegiate Athletic Meet
- Remedial Programmes in English Proficiency and Computer Literacy
- Conducting an Entry Behaviour Test in English proficiency.

Value Education

Moral development of teacher trainees is one of the major goals of the college. In view of the realization of the goal, it is proposed to conduct programmes like thought for the day, spiritual animation programmes, discourse on values and spirituality, sharing of experience sessions, preparation of value education lesson plans, classes on value education during practice teaching, prayer meetings, general assembly and 'Samavarthana' ceremony.

Social Extension Service

In continuation of social extension service, three programmes are proposed for the academic year 2010-11. They are

- To adopt a pre-school and celebrate important days with them.
- To conduct a social survey.
- To visit certain social service centres and supports them with financial as well as human resources.

Academic Extension Service

To enhance professional excellence of the teaching faculty one national seminar on 'Science of Identifying Research Problems and Crafting of Proposals' is proposed with financial assistance from the UGC.

Honouring the meritorious students

It is proposed to organize an award day to felicitate the meritorious students and to distribute the scholarships and endowments to them.

FOSSA

The college has an Alumni Association called FOSSA. It has instituted 2 scholarships for model schools and endowments for B.Ed. course. Every year an annual get-together is organized and an Annual Award Day is also organized along with this.

Section B: Details

1. Activities reflecting the goals and objectives of the institution

The college holds the motto: “Lux et Virtus.” It signifies the two fundamental values upheld by the college: Light and Virtue. Student-teachers who leave the portals of the college are expected to be the torch bearers of the world and living examples of moral excellence. The college also strives to develop and transform the student community and the society in tune with the aspirations of the founders of the college. With a view to realizing its vision, the college endeavours to ensure the following:

- To remain ever committed to excellence in academic standard.
- To promote the holistic development of student-teachers.
- To keep pace with changes in the society and adapt to evolving global trends.
- To develop leaders of quality in all walks of life.
- To promote appreciation of our cultural heritage in student-teachers.

Aims and Objectives of the institution

- To form teachers who are intellectually competent, spiritually mature, morally upright, psychologically integrated, physically healthy and socially acceptable;
- To enable teacher-trainees champion the cause of justice, love, truth and peace, and be ever open to further growth;
- To motivate the teacher-trainees to serve the nation in general and the local community in particular;
- To form skillful, learned and dedicated teachers committed to the cause of national development and education;
- To develop healthy study habits and refined social relations; and
- To instill the national values of dharma, ahimsa, spirituality, truth, tolerance, fraternity, democracy, secularism, national integration and international understanding and to uphold these even at the risk of one's life.

The following activities were undertaken to reflect the goals and objectives of the institution.

A. To form competent teachers the following measures were undertaken.

- a. Curriculum transaction as per revised university syllabi.
- b. Inclusion of value education classes during practice teaching.
- c. Implementation of Subject related practicum.
- d. Workshop for preparation of teaching -learning materials.

B To inculcate spiritual maturity and moral uprightness spiritual animation programmes, value education classes, guidance in the preparation of value education lesson plans and guest lectures on important social issues were conducted. ‘Samavarthana’ sessions also were celebrated.

C. With a view to developing our student teachers into mature, integrated and resourceful persons programmes likes self introduction, thought for the day, class-wise cultural activities, debates, seminars, study tour, community visit, celebration of festivals, sports and games and extension activities were organized. In order to facilitate

the integrated development of personality of teachers, various activities were organized under the auspicious of various clubs such as Cultural club, Nature club, Debate club, Tourism club, Women cell, Oratory club and Spiritual Animation Cell. To facilitate the social exposure of students study tours were organized to the places of historical and national importance like Delhi and Agra. Spoken English classes were also conducted for the students by experts.

D. To ensure that our students are physically healthy we conducted a free eye testing camp in the college. We organized regular sports and games events like Volley ball, Basket ball, Foot ball, Throw ball, Tennis and Badminton. Students were given opportunity to participate in inter- collegiate competitions.

E. National days – Independence Day, Republic day, Teachers Day, Gandhi Jayanthi and festivals – Onam and Christmas were celebrated.

2. New academic programmes initiated (UG and PG):

- a. We conducted short term course in Computer Applications for B.Ed. Trainees.
- b. We have applied for the status of Centre for excellence and Autonomous College.
- c. Semester scheme is introduced

3. Innovations in curricular design and transaction

We have been following new curricular methods and teaching strategies in our college. Innovative programmes such as team teaching, peer group interactions, intellectual discussions on creative issues etc. are some of them. The students are provided with academic calendars at the very beginning of the session. In order to enhance the expressive competence of the teacher trainees in English and make them computer literate, the college introduced courses in Communicative English and Computer Basics which are immensely helpful to the learners. Student-centred learning activity method is followed by the faculty. Guided library hours are allotted for students to ensure more familiarity with the recent trends in the discipline.

- a. Modern and flexible designs of process-oriented and issue-based teaching manuals (lesson plans) for various optional subjects were developed in view of the changing trends in educational practices.
- b. All the teachers are actively involved in the process of restructuring the B.Ed. curriculum of Mahatma Gandhi University.
- c. All the teachers supervised and assessed the practical works associated with core, elective and optional subjects.

4. Inter-disciplinary programmes started

We have organized interdisciplinary programme such as ‘Mass Media Literacy Programme’, ‘Environmental Awareness Programme’, ‘Herbal Garden Project’ and ‘Personality Development Programme’. Inter-disciplinary lectures were also arranged. Inter-disciplinary mode of teaching is generally adopted for some common components in the curriculum.

Our institution is enriched with human resources in various disciplines. The faculty members have extended their help to various interdisciplinary research works at M.Ed. level. Even though we don't have M.Phil and Ph.D courses, one of our faculties Fr. (Dr.) K. M. Rajan is an approved research supervising guide of the Mahatma

Gandhi University. Our institution has undertaken minor projects at multidisciplinary level.

5. Examination reforms implemented

The College follows the examination norms set by the Board of Studies and Board of Examiners of Mahatma Gandhi University. Monthly tests, mid-semester and a university model examination were conducted very effectively to improve the students' performance in the examinations. Periodic class tests are also conducted as part of the continuous evaluation of the student. The scores of the tests are analysed and remedial measures are implemented.

6. Number of candidates qualified: NET/SET

15 students qualified NET/SET.

7. Initiative towards faculty development programme

The College feels that all other developments in the field of higher education are meaningless without faculty development. Hence the college encourages faculty development through:

- a. Relieving teachers and other staff to attend Orientation Course, Refresher Course etc.
- b. Encouraging teachers to attend seminars, symposia, workshops, academic conferences organized by various academic bodies.
- c. Organizing seminars in the college and thus giving them scope for better interaction with resource persons from various fields.
- d. Motivating the faculty to take up minor research projects and publish papers regularly.
- e. Purchasing of new editions of books for reference.

Staff-members who enriched themselves during 2010-11 academic session from all such Faculty Development Programmes are given below.

Faculty Initiatives

Fr. (Dr.) K. M. Rajan

- 1) NCTE Visiting Team member - Visited colleges in Lakshadweep and Tamil Nadu.
- 2) Principal Investigator – UGC funded Minor Research Project – “An exploratory study of the phenomenological primitive and misconceptions of students of age group 11-13 year”
- 3) Rajan, K. M., Sindhu B. S., George, J., Neethu, S. G., & Sajan, R. K. (2010) *Teaching of Physical Science: Theory, Perspectives & Practice* (2nd rev. ed.). Mannanam, Kottayam: St. Joseph's Training College.
- 4) Rajan, K. M. (2010) Constructivism: An approach to classroom practice. *Pedagogics*, 8(1), 64-68.
- 5) Ph.D. co-guide – Rev. Fr. Thomas P.J. (2010) “A Study of the Administrative Problems of the Heads of Higher Secondary Schools of Kerala State in Relation to their Leadership Behaviour and Teachers' Attitude towards Educational Administration”, Annamalai University.

- 6) Presented a paper in the Silver Jubilee (Annual) meeting of Council for Teacher Education titled "*Phenomenological primitives and learning of science*" held at D.V. College of Education for women, Derabassi, Chandigarh (U.T) on 14th November 2010.
- 7) Resource Person – National seminar on Total Quality Management in Teacher Education – sub theme – *Strengthening Teacher Education Curriculum* held at Avila College of Education on 26th April 2010.
- 8) Chairperson of paper presentation session in the *Ninth Annual Convention and International Seminar* of CTE held at St. Thomas College of Teacher Education, Pala on 13th August 2010.
- 9) Participated in a workshop on *Curriculum Transaction* organized by consortium Physical Science Teacher Educators held at St. Thomas College of Teacher Education, Pala on 25th June 2010.
- 10) Resource Person – National seminar on *Science of Identifying Research Problems and Crafting of Proposals* held at St. Joseph's Training College, Mannanam on 25th and 26th February 2011.

Dr. Varghese K. Cheriyan

- 1) Presented a paper titled "*NLP as a Methodology for Equipping students for Human Excellence*" in the National seminar on Stress-free Education held at NSS Training College, Changanacherry on 23rd and 24th July 2010.
- 2) Presented a paper titled "*Learner and Teacher in a Holistic Educational Approach with Special Reference to Mathematics*" in the Ninth Annual Convention and International Seminar of Council for Teacher Education on Peace Education: An Orientation for Gen Next organized by St. Thomas College of Teacher Education, Pala on 13th & 14th August 2010.
- 3) Presented a paper titled "*Human Values and Mathematics*" in the UGC sponsored National Seminar on Education and social sensitivity held at St. Thomas College of Teacher Education, Pala on 25th and 26th November 2010.
- 4) Presented a paper titled "*Methodological Approaches in Social and Educational Research*" in the UGC sponsored National Seminar on Science of Identifying Research Problems and Crafting of Proposals held at St. Joseph's Training College, Mannanam on 25th and 26th February 2011.
- 5) Presented a paper titled "*Experiential Learning model for Classroom transaction based on Colb's Theory*" in the UGC sponsored National Seminar on Pedagogy for Schools held at Regional Institute of Education, Mysore from 2nd to 4th March, 2011.
- 6) Participated in the Orientation programme on "*Honing Researchers Skills through Methodological Orientation Programme*" organized by School of Pedagogical Sciences, M.G. University from 7th to 9th July 2010.
- 7) Participated in the State Level Workshop on "*Finalization of the Profuse Pathways of M.Ed CBCSS Curriculum*" held at School of Pedagogical Sciences, Mahatma Gandhi University, Kottayam on 27th January 2011.

Fr. (Dr.) Thomas P. J.

- 1) Principal Investigator - UGC funded Minor Project - titled 'An Exploratory Study of the Reflective Practices of the College Teachers at UG Level'
- 2) Participated in the State Level Workshop on *"21st Century Skills of Teacher Educators"* on 28th and 29th of July 2010 organized by St. Joseph's College of Teacher Education for Women, Ernakulam.
- 3) Presented the paper titled *'Philosophy of Pluralism as a basis for Multicultural Education'* in the Ninth Annual Convention and International Seminar of Council for Teacher Education on Peace Education: An Orientation for Gen Next organized by St. Thomas College of Teacher Education, Pala on 13th & 14th August 2010.
- 4) Presented a paper titled *"Introduction in research Proposal : A structured approach"* in the UGC sponsored National Seminar on Science of Identifying Research Problems and Crafting of Proposals held at St. Joseph's Training College, Mannanam on 25th and 26th February 2011.
- 5) Presented a paper titled *Peace Education for Social Cohesion: An Analysis In the Indian Context of Pluralism* in the U.G.C. sponsored International Conference on Promoting Social Cohesion through Peace Education organized by Lokamanya Tilak Teacher's Training College, Babok, Udaipur on 25th to 27th March 2011.
- 6) Participated in Three - week Refresher Course in Education on from 8th to 27th November 2010 organized by UGC- Academic Staff College, H. P. University, Shimla

Dr. K. M. Benny

- 1) Benny, K.M. (2010) Isolated and combined effect of parcoures and circuit training on speed explosive power and cardio-vascular endurance among school football players. *Voice of Sports* , Volume V, 14-22.
- 2) Presented a paper titled *"Various Styles of Research in Physical Education"* in the UGC sponsored National Seminar on Science of Identifying Research Problems and Crafting of Proposals held at St. Joseph's Training College, Mannanam on 25th and 26th February 2011.

Dr. Tessy Joseph Kallarackal

- 1) Co-investigator - UGC funded Minor Project - titled 'An Exploratory Study of the Reflective Practices of the College Teachers at UG Level'
- 2) Participated in the State Level Workshop on *21st Century Skills of Teacher Educators* on 28th and 29th of July 2010 organized by St. Joseph's College of Teacher Education for Women, Ernakulam.
- 3) Presented the paper titled *'Development of life skills for Conflict Resolution'* in the Ninth Annual Convention and International Seminar of Council for Teacher Education on Peace Education: An Orientation for Gen Next organized by St. Thomas College of Teacher Education, Pala on 13th & 14th August 2010.
- 4) Presented a paper titled *"Policy Analysis Research: an Overview of different Approaches and Methods"* in the UGC sponsored National Seminar on Science of

Identifying Research Problems and Crafting of Proposals held at St. Joseph's Training College, Mannanam on 25th and 26th February 2011.

- 5) Presented a paper titled *Conflict Resolution Strategies for Enhancing Social Cohesion* in the U.G. C. sponsored International Conference on Promoting Social Cohesion through Peace Education organized by Lokamanya Tilak Teacher's Training College, Babok, Udaipur on 25th to 27th March 2011.
- 6) Participated in the Orientation Programme held from 6th October to 2nd November 2010 organized by UGC- Academic Staff College, Bharathiar University, Coimbatore.

Fr. Sibichen K.K.

Books

- 1) Sibichen K. K. (2010). *An Introduction to Psychological Bases of Education*. Mannanam, Kottayam: St. Joseph's Training College.
- 2) Sibichen K. K. (2010). *An Introduction to Personality Dynamics*. Mannanam, Kottayam: St. Joseph's Training College.
- 3) Sibichen K. K. & Gopalakrishnan, A.V. (2011) *Research in Education: An Introduction*. Mannanam, Kottayam: St. Joseph's Training College.

Articles

- 4) Sibichen K. K. (2010) Self-Efficacy of Secondary Teacher Education Students. *MERI Journal of Education*, 5(1), 82
- 5) Sibichen K. K. (2010). Teacher Trainers' Computer Competency Enhances their Technology use in Classroom Teaching. *Edutrack* 10(4)

Others

- 6) Co-ordinator of the UGC sponsored National Seminar on Science of Identifying Research Problems and Crafting of Proposals held at St. Joseph's Training College, Mannanam on 25th and 26th February 2011.
- 7) Presented the paper titled 'Conflict resolution strategies of secondary teacher education students' in the Ninth Annual Convention and International Seminar of Council for Teacher Education on Peace Education: An Orientation for Gen Next organized by St. Thomas College of Teacher Education, Pala on 13th & 14th August 2010.
- 8) Presented a paper along with Dr. Sr. Celine Joseph titled "*Education for Stewardship of Nature*" in the UGC sponsored National Seminar on Education and Social Sensitivity held at St. Thomas College of Teacher Education, Pala on 25th and 26th November 2010.
- 9) Presented a paper along with Dr. Anisha V. Gopalakrishnan titled "*Enhancing Techno-Pedagogical Skills of Secondary Teacher Education Students*" in the International Seminar on Towards a Global Competitive Learning Community - Role of Active Pedagogy organized by Department of Education, Kerala University on 4th and 5th February 2011.
- 10) Presented a paper along with Dr. Anisha V. Gopalakrishnan titled "*Writing a Research Proposal*" in the UGC sponsored National Seminar on Science of

Identifying Research Problems and Crafting of Proposals held at St. Joseph's Training College, Mannanam on 25th and 26th February 2011.

Mrs. Latha Joseph

- 1) Presented a paper titled '*Constructivism and Peace Education*' in the UGC sponsored National Seminar on Education and Social Sensitivity held at St. Thomas College of Teacher Education, Pala on 25th and 26th November 2010.
- 2) Participated in the Workshop on "*Curriculum restructuring of M.Ed. CBCSS*" held at School of Pedagogical Sciences, Mahatma Gandhi University, Kottayam on 21st February 2011.

Mrs. Ronu Thomas

Book

- 1) Thomas, R. (2010) *Improvisation - A Guide for Improvise Aids in Physical Science*. Mannanam, Kottayam: St. Joseph's Training College.

Paper Presentation

- 2) Presented a paper titled "*Social Upliftment and Research: Indian Perspective*" in the UGC sponsored National Seminar on Science of Identifying Research Problems and Crafting of Proposals held at St. Joseph's Training College, Mannanam on 25th and 26th February 2011.

Dr. Anisha V. Gopalakrishnan

Book

- 1) Gopalakrishnan, A. V. & Sibichen K. K. (2011) *Research in Education-An Introduction*. Mannanam, Kottayam: St. Joseph's Training College.

Paper Presentation

- 2) Presented the paper '*Conflict Resolution Strategies of Secondary Teacher Education Students*' in the International Seminar of CTE on Peace Education: An Orientation for Gen Next Organised by St. Thomas College of Teacher Education, Pala on 13th & 14th August 2010.
- 3) Presented a paper along with Sibichen K. K. titled "*Enhancing Techno-Pedagogical Skills of Secondary Teacher Education Students*" in the International Seminar on Towards a Global Competitive Learning Community - Role of Active Pedagogy organized by Department of Education, Kerala University on 4th and 5th February 2011.
- 4) Presented a paper along with Sibichen K.K. titled "*Writing a Research Proposal*" in the UGC sponsored National Seminar on Science of Identifying Research Problems and Crafting of Proposals held at St. Joseph's Training College, Mannanam on 25th and 26th February 2011.

Mrs. Sunitha Susan Jose

Book

Jose, S. S. (2010) *Fundamental Statistics for Educational Research*. Mannanam, Kottayam: St. Joseph's Training College.

Seminar attended

Participated in the UGC sponsored seminar on *21st Century Skills of Teacher Educators*, conducted by St. Joseph College of Teacher Education for Women, Ernakulam on 28th and 29th July 2010

Mrs. Praveena Gopinath

Book

Gopinath, P. (2010) *An Introduction to Educational technology and Educational Evaluation*. Mannanam, Kottayam: St. Joseph's Training College.

Paper Presentation

Presented a paper along with Shaiju Francis titled "*Nature of research Problem and its Role in Research Process*" in the UGC sponsored National Seminar on Science of Identifying Research Problems and Crafting of Proposals held at St. Joseph's Training College, Mannanam on 25th and 26th February 2011.

Mr. Shaiju Francis

- 1) Presented a paper along with Mrs. Praveena Gopinath titled "*Nature of research Problem and its Role in Research Process*" in the UGC sponsored National Seminar on Science of Identifying Research Problems and Crafting of Proposals held at St. Joseph's Training College, Mannanam on 25th and 26th February 2011.

8. Total number of seminars/workshops conducted

Seminars and Workshops were conducted on the following topics:

- a. Science of Identifying Research Problems and Crafting of Proposals
- b. Spoken English
- c. Personality Development in Education.
- d. Influence of Multi-media on Education.
- e. Value Education
- f. Spiritual Animation.
- g. College level workshop on development of teaching aids

A two-day workshop on the development of teaching aids such as charts, models and transparencies was conducted as a part of the curricular requirement of B.Ed students. The workshop was organized in three sessions each for chart, Model and Transparencies. The process and product of the workshop were evaluated and found that it was highly creative and productive.

9. Research projects: a) Newly implemented: b) Completed

A research project on the topic "An Exploratory Study of the Phenomenological Primitives and Misconception of Students of Age group 11 -13 yrs." submitted by Fr. (Dr.) K.M. Rajan , Principal, was funded by UGC.

A research project on the topic “An Exploratory Study of the Reflective Practices of the College Teachers at UG Level” submitted by Fr.(Dr.) Thomas P.J.(Principal Investigator) and Dr. Tessy Joseph Kallarackal (Co-investigator) is approved for UGC funding.

Ongoing faculty research projects (Minor Projects)

| SI No. | Name of Faculty | Title | Funding Agency |
|---------------|--|---|-----------------------|
| 1 | Fr. (Dr.) K.M. Rajan | An Exploratory Study of the Phenomenological Primitives and Misconception of Students of Age group 11 -13 yrs.” | UGC |
| 2 | Fr. (Dr.) Thomas P.J. (Principal Investigator) Dr. Tessy Joseph Kallarackal (Co-investigator) | “An Exploratory Study of the Reflective Practices of the College Teachers at UG Level” | UGC |

10. Patents generated, if any

Nil.

11. New collaborative research programmes

We collaborate with Chavara Institute of Research and Training (CIERT) and Samagra Vikas, a social service society functioning under the same management.

12. Total research grants received from various agencies

Two

13. Details of research scholars

Two Doctoral Level research scholars are working under the guidance of Dr. K.M. Rajan.

14. Citation Index of Faculty Members and Impact Factor

Not able to calculate the impact factor

15. Honors/Awards to the faculty

Fr. Sibichen K.K. was adjudged as the Best Paper Presenter for the paper on “Conflict resolution strategies of secondary teacher education students” in the Ninth Annual Convention and International Seminar of Council for Teacher Education organized by St. Thomas College of Teacher Education, Pala on 13th & 14th August 2010.

16. Internal resources generated

The management has made investments in the improvement of infrastructural facilities

17. Details of departments getting SAP, COSIST/DST.FIST, etc. assistance/recognition

Not applicable

18. Community services

- a. Helping the poor and the disabled
- b. Blood donation programme
- c. Extending financial help for the blind.
- d. Collection and distribution of old News papers to 'Sneha Bhavan' for the preparation of paper covers.
- e. Collection and distribution of funds and old cloths for social service centres.
- f. Collection of funds for our model school, St. Ephrem's H.S.S., Mannanam.

19. Teachers and officers newly recruited

Five Assistant Professors were recruited.

- a. Mrs. Sunitha Susan Jose is appointed as Assistant Professor in Social Science Education in the permanent vacancy created by the retirement of Smt. Alice Mathew (Principal)
- b. Dr. Anisha V. Gopalakrishnan is appointed as Assistant Professor in Natural Science Education
- c. Mrs. Praveena Gopinath is appointed as Assistant Professor in Mathematics Education
- d. Mrs. Ronu Thomas is appointed as Assistant Professor in Physical Science Education
- e. Mr. Shaiju Francis is appointed as Assistant Professor in Social Science Education

20. Teaching – Non-teaching staff ratio

12: 14

21. Improvements in the library services

The working hours of the college library is 9 am to 5 pm. Computerization process of the library has been completed with the software named 'Advanced Library Information and Management System'. Altogether there are 23,946 books in the library. The library also has 230 Educational Compact Discs on Various subjects both. The library is subscribing 22 national and international journals, 17 periodicals and 4 local newspapers and one national daily. The free internet facility for all students is implemented. New Photostat machines were also installed.

22. New books/journals subscribed and their value

The college has purchased 43 books and two CDs and their cost is Rs. 27,572/-

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

Developed a teacher evaluation scale and data was collected and analysed. Accordingly changes were made in the strategies of curriculum transaction and also developed the following:

- a. Proforma for evaluation of teacher students by mentors
- b. Proforma for evaluation of teacher students by heads of practice-teaching schools

- c. Rating scales for student evaluation of teachers
- d. Proforma for student evaluation of campus life
- e. Proforma for student evaluation of course
- f. Proforma for student evaluation programme and teaching
- g. Proforma for feedback on administration and management process

24. Feedback from Stakeholders

At present we have no mechanism to collect the feedback from stakeholders.

25. Unit cost of education

The unit cost of education provided by this institution is Rs. 35161.60/

26. Computerization of administration and the process of admissions and examination results, issue of certificates

Computers are used for office procedures like preparation of salary bill, issue of certification, admission, preparation of student list etc. Almost all the functions of the office are going on in an efficient manner with the adequate computer facilities. The college has a well-furnished office and effective administrative machinery. The admission process, the collection of fee of students, the disbursement of salary of teachers, the accounts regarding expenses of infrastructural developments issue and collection of books in library etc., are going on with computer facilities. The College keeps a database of students in the computers. Teachers make use of computer facility to transfer various data regarding attendance of students and other academic matters. The attendance of students and the results of their examinations are also computerized. The certificates of students issued from the office are also prepared using computers.

27. Increase in the infrastructural facilities

Additional toilets for girl students were constructed. The intercom facility of the college has been extended to various blocks. The beautification work of the college garden is yet to be completed. A number of additional water taps are provided in the premises of college. Guidance and counselling room was set up with adequate facilities. Psychology laboratory is shifted to a new room. Maintenance works, renovation of flooring and the plastering of the college building, construction of workshop room for SUPW, common room and additional toilet facilities for women were completed. Network resource centre and ladies staff quarters were remain to be completed.

28. Technology upgradation:

The following items were purchased during the academic year 2010-11

| | |
|---------------------------------------|----|
| LCD Projector: | 6 |
| Interactive Board: | 2 |
| Computer system: | 13 |
| OHP: | 2 |
| 3Kv Online UPS with 3 hrs Back up: | 2 |
| Photocopier: | 1 |
| Laser Jet Printer: | 2 |

29. Computer and Internet access and training to teachers, non-teaching staff and students

The college always encourages its students, teachers and administrative staff to receive training in application of computers along with access in surfing internets through its own computer centre. Employees have also received training from the Aptech Computer Education which has enabled them to work efficiently in the office by using computers. Students have also accordingly been able to use Internet facilities in the Library. Internet facility through broad band is accessible to students, non-teaching staff and teachers as and when required in the newly established Fr. William Memorial Network Resource Centre.

30. Financial aid to students

College maintains student welfare fund in order to give financial support to poor students. This fund is raised from the well wishers of the locality and former students. The deserving students who are finding it difficult to meet their day to day requirements are given support using this fund. Scholarships were also awarded by utilising the following U.G.C. Grants.

- a. UGC XI Plan Scheme: Colleges Located in Rural/Remote/Boarder/Hill/Tribal areas.
- b. UGC Grant under the scheme: Colleges with Relatively Higher Proportion of SC/ST/OBC (Excluding creamy layer) and Minorities/Economically deprived/Physically Challenged - XI Plan.

A scheme for extending financial aid to toppers of various subjects and deserving students is also offered by the College. A good number of endowments are offered by retired teachers. The endowments will be distributed in the annual College day celebration.

31. Activities and support from the Alumni association

There is a vibrant Alumni Association (FOSSA) in the College. It is supporting and helping all college activities. A get together of FOSSA is scheduled on the second Saturday of December every year. During this meeting they share their experiences and give valuable and creative suggestions towards the effective functioning of the college. They also attend important functions and celebrations organized in the college.

32. Activities and support from the Parent-Teacher Association

P.T.A. general body meeting was convened at the beginning of the academic year. Parents were informed of all the curricular and co-curricular activities that would be carried out in the college. Two executive committee meetings and a general body meeting of the P.T.A. were held in order to assess the functioning of the college and to suggest necessary changes. They provided active support in mobilizing community resources such as availing the services of dignitaries to address students, raising development fund and facilitating the exposure of the students to the realities of the local community. PTA sponsored the Christmas cake for students as part of the Christmas day celebrations held in the college.

33. Health services

The college conducted free eye testing camp with the help of Vasan Eye Care, Kottayam for the students and organized regular sports activities and games like Volleyball, Basketball and Badminton. A first aid centre is functioning in the college. Necessary medicines, band-aids and other first aid materials are stocked so as to meet emergency.

34. Performance in sports activities

There was annual sports meet in various events. Students and teachers are encouraged to participate in intercollegiate competitions in sports and games. A full time physical education director gives regular coaching to the teacher trainees. Sports day was held on 29th January, 2011. Students grouped under three houses, viz., Pegasus, Tachyons, Alliance participated in the various sports and games events with true sportsmanspirit. Shailesh M., Jiss Joseph, and Mathukkutty Abraham shared the individual championship for men and Aiyshabi P. was declared as the individual champion among women.

College organized the M.G. University Inter-training Collegiate Athletic Meet and our students secured prizes for various items. The Inter Training Collegiate Athletic Meet initiated by our college in 2007 assumes significance in view of the fact that it was the first of such an event not only in the history of Mahatma Gandhi University, but also in the history of Kerala State. The 5th Inter-Training Collegiate Athletic Meet was held on 19th February, 2011 at K. E. College stadium, Mannanam. Our college won the Overall Championship. H. M. Training College, Muvattupuzha was the runner up. Ms. Rudy Raj of our college bagged the Individual Championship for Women.

35. Incentives to outstanding sportspersons

Merit certificates and trophies were awarded to the winners in various events in the sports meet. Special trophies and prizes were awarded to the individual champions (men & women). Endowment instituted by former Director of Physical education was awarded to the individual champions of the annual athletic meet. A special award distribution ceremony was organized to congratulate the team members who became winners at Inter-training Collegiate Athletic Meet.

36. Student achievements and awards

(a) Curricular achievements: - Scholarships and Endowments:

The college has awarded following endowments and scholarships to meritorious students.

1. 'FOSA' Scholarship to the highest mark scorer in the B.Ed. degree examination
2. 'Prof. M.A. Alexander Endowment Prize' to the highest mark scorer from among the Social Studies students.
3. 'Rev.Fr. Thomas V.Kalarickal endowment prize' to the highest mark scorer in Educational Psychology.
4. 'Prof. T.K. Thomas Endowment Prize' to the highest mark scorer in theory part in the B.Ed. degree examination.
5. 'Dr. T.T. Joseph Memorial Scholarship' to the highest mark scorer among the Physical Science students of this College.
6. 'Prof. C.K. Thomas Endowment prize' to the highest mark scorer among the Mathematics students.

7. 'Fr. Joseph James Endowment prize' to the highest mark scorer among the Natural Science students.
8. 'Prof. Ignatious John Endowment Prize for the Individual champions.
9. 'FOSA Scholarship' to the highest mark scorers in S.S.L.C. examination from the Model Schools.

We had exceptionally good results last year. Out of the total strength of 148 in the B.Ed. examination, 2009-10, 4 students got A+, 51 students got A, 78 students got B+ and 15 students got B grade.

(b) Co-curricular achievements

Students participated in various Inter-collegiate competitions. Two teams participated in the Shuttle badminton tournament organized by St. John the Baptist College of Education Nedumkunnamm and secured first and second prizes respectively and also participated in Elocution, Quiz and Group dance competitions. Students of this college participated in Quiz competition conducted at Avila College of Education, Edacochin. Students of the college also participated in Carmel Fest conducted by Mount Carmel College of Education Kottayam. Suparna K. Mathew won second prize in light music. College team also won third prize in Quiz competition in the Carmel Fest.

37. Activities of the Guidance and Counselling unit

A Guidance and Counselling Cell actively functions in the college to provide necessary psychological support to the needy students. Guidance services are provided for students in their personal, educational and occupational domains. Proper vocational guidance is provided to the average and low achievers. Our students are motivated and directed to higher studies in education. Guidance and Placement Cell data sheet was designed and recorded. Students get information regarding job opportunities through the cell. It helps our outgoing students to find job opportunities, especially in schools in and outside Kerala.

38. Placement services provided to students

The placement cell in the college acted as a nodal agency for recruiting teachers to various schools in and outside Kerala. E mail IDs were created for every students and a travelogue competition was held by the placement cell. Students can register their names with the cell and get informed of the job opportunities.

39. Development programme for non-teaching staff

A short term computer training programme was organized for all non-teaching staff of the college. The main attention of the training was use of MS office, Tally, salary bill preparation and use of internet service.

40. Good practices of the Institution

Spiritual animation programme

Classes on social and moral issues

Social extension activities

Journal writing during practice teaching

41. Linkages developed with National/International, Academic/Research Bodies

The College associated with 'Jeevadhara', a socio-religious institution, Chavara Institute of research and training and SCERT. Our teachers are also associated with Board of studies and Board of Examinations of Mahatma Gandhi University and Board of question paper setters of Kerala, Calicut and Kannur Universities.

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

Infrastructural Facilities

Maintenance works, renovation of flooring and the plastering works of the college building, construction of workshop room for SUPW, common room and additional toilet facilities for women were completed. Ladies staff quarters and network resource centre are yet to be completed.

Library Facilities and up gradation of Technology

Additional books to the library were purchased. six LCD projectors, two interactive boards, thirteen computer systems, two OHPs, two 3KV online UPS with 3 hrs back up, one photocopier, and two laser jet printers were purchased. The setting up of digital sound system in the auditorium is completed and sports equipments were purchased

Appointment of Teaching Faculty

Mrs. Sunitha Susan Jose was appointed as Assistant Professor in Social Science Education in the permanent vacancy created by the retirement of Smt. Alice Mathew (Principal) In addition four Assistant Professors Mr. Shaiju Francis, Mrs. Ronu Thomas, Dr. Aneesha V. Gopalakrishnan and Mrs Praveena Gopinath were also appointed to meet the pupil-teacher ratio requirements prescribed by NCTE.

Personality Development of Student Teachers

College union election was held on 26th November, 2010. College union inauguration was held on 3-12-2010. Mr. Pramod Rajan, Senior Editor, Malayala Manorama News Channel inaugurated the Union activities of the year.

With a view to enhancing the participation of students in the co-curricular activities, various clubs were formed in the beginning of the academic year itself. Representatives for different clubs were chosen from each optional class. A variety of activities were organized under the auspices of the various clubs functioning in the college viz., the Cultural Club, Debate Club, Literary Club, Nature & Tourism Club, Spiritual Animation Cell, Women's Cell and Social Service Club.

The Cultural Club was inaugurated on 18th January 2011 by Rev. Fr. Kurian Chalangadi, CMI, Principal, Christ Nagar Senior Secondary School, Kavadiyar, Thiruvananthapuram. The club took the lead in organizing cultural programmes by students of various optional classes. It also organized cultural events in connection with various celebrations such as Christmas, Onam, Republic Day etc.

The Debate Club in the college functions with the aim of developing critical and reflective thinking in the students. With this aim the club organized debates every Wednesday, on topics of current social relevance and selected one student, every week, as the best debater. The club ensured the active participation of students from all optional subjects in the debates.

A photo exhibition, 'Kakkathollayiram' by Mr. Ajeeb Komachi, Kozhikode, was arranged by the college union on 6th and 7th January, 2011. Students also exhibited their

paintings and a coin and stamp collection on that day. The best student collection was awarded with a prize.

The Literary Club organized an essay competition for students on 10th December, 2010 in connection with the Human Rights Day. The club also organized literary competitions in English and Malayalam for the students.

To facilitate the exposure of the students to a wider social environment, field trips and study tours were organized by the Nature and Tourism Club. This year, students grouped themselves into three batches under the supervision of staff and visited three destinations viz., Thiruvananthapuram – Kanyakumari, Vayanadu – Ootty, Munnar – Kodaikanal from 23rd to 26th January, 2011. It was an enriching experience for the participants.

A Guidance and Counselling Cell actively functions in the college. It helps our outgoing students to find job opportunities, especially in schools in and outside Kerala. Students register their names with the cell and get information regarding job opportunities. The college Counselling Cell offers its services to the needy students.

With a large majority of female students, Womens Cell has special relevance in the college. The cell organized a talk on 'Women and Law' by Mrs. Lathika Subhash, social activist, on 18th February, 2011. The talk was motivating for all students.

With a view to equip our students with communicative skills in English, the college organized remedial classes in English. Students were divided into four batches and weekly classes led by the faculty were arranged for each batch.

In view of the significance of ICT in modern education, all the students in the college are given computer education. Free access to Internet through broadband is made available to students. Akshaya e-learning software is also available.

An integral part of our curriculum is the practice teaching session for six weeks which provides the students with firsthand experience in the classroom situation. Practice teaching for students of 2009-10 batch was conducted from 21st June to 30th July 2010 in 23 schools in the neighbourhood of the college.

Value Education

Moral development of teacher trainees is one of the major goals of the college. In view of the realization of the goal 'Thought for the day' was arranged on every day. 'Spiritual Animation programmes' discourse on values and spirituality, sharing of experience sessions preparation of value education lesson plan, classes on value education during teaching practice, prayer meetings, General assembly and 'Samavarthana' ceremony were conducted.

Spiritual Animation Cell organized special programmes to promote the moral and spiritual development of the students. The Spiritual Animation Cell organised a Holy mass on 8th December 2010 in association with the foundation stone laying ceremony of the ladies staff quarters.

Inter religious prayer meetings were arranged for the students regularly. The first Mondays of every month, faculty members also gathered together for prayer and spiritual renewal. A class on value education was held by Shri. Padmanabha Swamikal on 28th January, 2011. Students are also required to prepare value education lesson plans and take value education classes during their practice teaching.

Extension Services

The college promotes extension services to meet community needs. Awareness programmes are regularly organized by the college to arouse social consciousness among students and to apply educational principals in dealing with social issues. They also cleaned the premises of the college as the part of sanitation programme.

The college has adopted the nearby Nirmala Balavady (Pre-school) and is supporting it financially. Competitions were conducted for the kids on the same day. Toys, story books, picture books, drawing books and crayons were gifted to the students.

The Social Service Club arranged a visit to Navajeevan, Villoonni, a charitable trust to rehabilitate mentally challenged people. Students are collecting poor aid fund and clothes to be donated to this institution at the end of this academic year. Shri. P. U. Thomas, the director of the charitable institution shared his valuable experiences with the students. It was an enlightening day for all the students. On 8th December, 2010, the International Day of Persons with Disabilities, the club arranged a talk by Dr. P. S. Sukumaran, Associate Profesor, School of Behavioural Sciences, Mahatma Gandhi University, Kottayam. The club also organized the celebration of the birthday of Louis Braille, in association with the Kerala Federation of the Blind on 3rd January, 2011. It was really an eye –opener to all the students to the special challenges faced by the blind. The club started on a project to prepare a butterfly park and vegetable garden in the college. The club also takes the lead to continue with the community extension programmes like vermiculture, mushroom cultivation and herbal garden.

A UGC sponsored national level seminar on ‘Science of Identifying Research Problems and Crafting of Proposals’ was organized on 25th and 26th of February, 2011. Dr. Sebastian Rupert Mampilly, Core Faculty, School of Management Studies, CUSAT, Dr. Celin Sunny, Chief Co-ordinator, Research Institute, Rajagiri College of Social Sciences, Dr. R.L. Bindhu, Associate Professor, Department of Education, Kerala University, were the resource persons for the seminar. The event succeeded in ensuring the active participation of research scholars and educators interested in research from all over the nation.

Honouring the Meritorious students

The award day to felicitate the meritorious students of the previous batch was held along with the college day celebration on 14th August 2010.

Section C: Outcomes achieved by the end of the year

Regular classes in this academic year began on 1st November, 2010. As in the previous years we had a sanctioned intake of 150 students and out of which eight students discontinued the course for various reasons. The number of students in each subject is as follows. Natural science - 31, Social Science - 30, Physical Science - 27, Mathematics - 23 and in English - 31. Out of the total strength of 148 in the B.Ed. examination, 2009-10, 4 students got A+, 51 students got A, 78 students got B+ and 15 students got B grade.

Sports day was held on 29th January, 2011. Students grouped under three houses, viz., Pegasus, Tachyons, Alliance participated in the various sports and games events with true sportsmanspirit. Shailesh M., Jiss Joseph, and Mathukkutty Abraham shared the individual championship for men and Aiyshabi P. was declared as the individual champion among women.

The 5th Inter-Training Collegiate Athletic Meet was held on 19th February, 2011 at K. E. College Stadium, Mannanam. Our college won the Overall Championship. H. M. Training

College, Muvattupuzha was the runner up. Ms. Rudy Raj of our college bagged the Individual Championship for Women.

The General Body Meeting of the PTA was convened on 1st November 2010. Mrs. Tessy Mathew was elected President and Mr. Scaria Gervasis Kunnumpuram, Vice-president of the PTA. The schedule of B.Ed. course during the current academic year was discussed in the meeting. The parents assured their full support and co-operation for the smooth and effective functioning of the college.

A cordial get-together of the former staff and students of the college was held on 11th December 2010. Mr. A.M. Mathai, President of Former Staff and Students Association (FOSSA) of the college presided over the function. The students of the 1960-61 batch who has completed the golden Jubilee as the alumni of this college were specially invited and honoured in the function.

Students of B.Ed. along with the teaching and non-teaching staff celebrated Christmas on 23rd December 2010. Rev. Fr. Roy Kannanchira CMI, Kochettan, Deepika gave us an inspiring Christmas message. The cultural programme and the visit of Christmas Father made the programme lively.

The college union commemorated the death anniversary of Mahatma Gandhi on 28th January, 2011. Principal, Fr. Dr. K.M. Rajan showered flowers on the portrait of Mahatma Gandhi to honour his memory. Students also organized a tree planting ceremony in the college premises upholding his vision of a life in harmony with nature.

The college has instituted several endowments and scholarships to motivate our students for better performance and to sustain the loving memories of our former staff and well wishers. The college undertakes programmes for the upliftment of SC/ ST and minority category students utilizing UGC grants.

Hostel facilities are provided to the students. Boys are accommodated in the St. Joseph's hostel attached to the college and girls are accommodated in Pope John hostel and in Holy Family hostel.

During the year the college undertook infrastructural improvement projects including setting up of a UGC network resource centre, renovation of flooring of the college building and construction of a workshop room for SUPW. The college has also initiated the construction of the ladies staff quarters with the financial assistance from the UGC.

43. Any other relevant information the institution wishes to add

Nil

Section D: Plans of the HEI for the next year

The institution has chalked out a plan of action for its future development in terms of academics, infrastructure and learning resources. The major schemes proposed to be undertaken are listed below.

The college plans to utilize the grants from UGC to improve its teaching learning resources, viz., setting up of smart classrooms, a language lab, providing Wi-Fi connectivity in the campus and buying laptops, multi- media projector, OHP, printer and photocopier. The

college aims to complete the ladies quarters, construction of which has already begun. Utilising UGC grants, the college also plans to purchase sports equipments.

Furnishing a new ceiling for the college auditorium, construction of a prayer hall, an extension centre, rooms for indoor games and providing additional toilet facilities are all under consideration by the college management. We also plan to buy a generator and set up a digital sound system in the auditorium.

The college aims to start M.Phil. Course in Education and set up an advanced research centre in Education.

Providing Computer education, a course in Communicative English, coaching for NET/SLET with special consideration for the SC/ST/OBC and minority students and extension of services of the Guidance and Counselling Cell to the neighbouring community are also planned by the institution. The college also wishes to continue the community extension activities like mushroom cultivation, vermiculture, herbal garden, vegetable garden and butterfly park.

*Name & Signature of the
Director/Coordinator, IQAC*

*Name & Signature of the
Chairperson, IQAC*