

SREE NARAYANA COLLEGE CHEMPAZHANTHY
THIRUVANANTHAPURAM

Annual Report 2009-2010

Introduction

With immense pleasure I present the report of the performance and achievements of Sree Narayana College,Chempazhantny for the academic year 2009-2010. This academic year brought great glory and fame to the college both in curricular and co-curricular activities.

Our College secured one second rank and three third ranks in the university examination held for BA- BSc, in March-April 2009.Fousia Shukoor in Sociology got second rank, Amala Mathew in Sociology, Jayalekshmi N. S. in English and Varun R. in Geology got third ranks.The P G Department of History also brought to the college a rank in the University Examination.Devayani Ammal S. secured third rank for her MA Degree Examination 2009.Our students also set records at Inter University levels both in Athletics and Aquatics.

The College has an academic committee comprising of all the Heads of Departments and two teacher representatives. The academic committee preplans the academic calendar for all academic and allied activities for the ensuing academic year and puts them into practice from the first week of June every year.

Cyber Skill Development and Communicative English classes were conducted for the final year degree students to empower them for their career advancement and job opportunities. The college provides special attention to the personality development of the students through the Counseling Center, Placement Cell, and through various clubs, committees, forums and centers.

The Department of Chemistry has been identified for the financial support under FIST programme of the Department of Science and Technology, Govt. of India. A sum of rupees 4.98 lakhs has been received as the second instalment of the FIST assistance. Broadband internet connection has been installed in the computer lab.104 students got post-metric scholarship for Religious Minorities this year. The amount ranged from Rs1800-2000 per candidate for one year. The Post-graduate Department of Chemistry as well as Post-graduate Department of History has completed all the formalities for elevating their status as Research Departments this year. The Post-graduate Department of History has also been permitted by the UGC to start an Add-on course on Tourism and Travel Management.

All Teachers of Sree Narayana College Chempazhanthy attended the one day Orientation Programme on UG Semesterization (TVM District) held on 9-12-2009 at Govt. Sanskrit College Trivandrum. During the academic year 2009-2010 glory and fame of the college have been brightened very much. And we are obliged to maintain this responsibility in the coming years as well.

PRINCIPAL

STAFF AND STUDENTS STRENGTH 2009-
2010

No.of teaching staff	70
No.of non-teaching staff	28
No.of students	2042

Table showing students strength during2009-2010

Course	Male	Female	Total
BA	395	741	1136
BSc	275	437	712
BCom	53	91	144
Total (UG)	723	1269	1992
MA	9	15	24
MSc	5	21	26
Total (PG)	14	36	50
Grand Total	737	1305	2042

Table showing teachers strength during2009-2010

Designation	Male	Female	Total
Principal	1		1
Professor			
Reader	5	4	9
Lecturer Sel.gr	14	36	50
Lecturer Sn.gr	2	3	5
Lecturer	2	3	5
Total	24	46	70

Results of the University Examinations March-April, 2009

The results of the University Examination of March -April, 2009 showed remarkable improvement Compared to the University level averages. During the academic year 2008/2009 our college secured five ranks.

Percentage of Pass in the University Examinations of March -April 2009

Course	Percentage of Pass
English.	88.13
History	74.64
Political Science	63.15
Economics	51.94
Psychology	83
Sociology	92.5
Mathematics	100
Physics	100
Chemistry	96.77
Botany	97.2
Zoology	89
Geology	95.65
Commerce	65.9
MSc Chemistry	92.3
MA History	100

Internal Quality Assurance Cell

The IQAC of our college is extending its helping hands to all for updating the files to be maintained by the Departments. **Dr.I.G.Shibi**, coordinator, IQAC was nominated as the coordinator for the re-accreditation of our college during 2009-2010.

Admission

The admissions to various UG and PG courses for the academic year *2009-2010*

were carried out systematically. Sufficient number of students of caliber was admitted to various courses from the first list itself.

Examinations

University Examinations, both annual and supplementary, were conducted successfully in the college. Monthly test papers were carried out by each department as part of the academic exercise. Terminal and Model examinations were conducted in the college and progress reports were sent to the Parents in time.

Important Events/Achievements

Academic Excellence

Our college secured one second rank and three third ranks in the university examination held for BA- Bsc in March-April 2009. Fousia Shukoor in Sociology got second rank, Amala Mathew in Sociology, Jayalekshmi N.S. in English and Varun R. in Geology got third ranks. The PG Department of History also brought to the college a rank in the University examination. Devayani Ammal S. secured third rank for her MA Degree examination 2009. Our students also set records at Inter University levels both in athletics and in aquatics.

Dr.I.G. Shibi, Reader in Chemistry has brought to the institution a rare honour by receiving a major project entitled "*Physico Chemical Analysis and Evaluation of Metal Based Sidha Medicines*", sponsored by UGC. **Dr.V.A. Jameela**, HOD of Economics Department had participated in an International Seminar held at Dakar, Senegal 6-8 October 2009 and presented a paper on "*Micro Credit, Empowerment and Diversion of Loan Use*".

Following teachers of our College are the approved Research Guides

1. **Dr.C.G.Usha**, Reader and HOD, Department of History
2. **Dr.Lekha K. Nayar**, Lecturer Selection grade in History
3. **Dr.G. Sreenivasan**, Reader in History

4. **Dr.A. Shaji**, Lecturer Selection grade in History
5. **Dr.P. S. Vijayanatharaj**, Reader in Political science
6. **Dr.L. Thulasidharan**, Reader in Political science
7. **Dr.V. A. Jameela**, Reader and HOD, Department of Economics
8. **Dr.I. G. Shibi**, Reader in Chemistry
9. **Dr.V. Bhagavathy**, Reader in Chemistry
10. **Dr.S. Suma**, Reader in Chemistry

RESEARCH

SUBMITTED

Smt.V.R. Rajalekshmi, Department of English – *“Second Language Acquisition”*

Smt. Reeta Vijayakumar, Department of English – *“Communicative Competence in English”*

Smt.T.R.Latha, Department of English-*“A Change Of Tongues; Ente Kadha Versus My Story”*

Smt.D.Beena, Submitted the Ph.D. thesis on 17-07-09 to the University of Kerala and the Open Defence meeting is scheduled on 18-03-2010, at the Department of Optoelectronics, University of Kerala, Kariavattom, Trivandrum.

ONGOING

Teachers from various disciplines have been doing research leading to Ph.D and their names and Topics are mentioned below.

Smt.K. N. Geetha Kumari-*“English in the Professional Curriculum”*.

Smt.C. Roshni, Department of English –*“Mother Tongue Interference in the Pronunciation of English”*.

Smt.R. Lathika, Department of English - *“Narratology”*.

Smt. B. Mini Anand, Department of English - *“Electronic Media and English Language Acquisition”*.

Sri. P.K. Viswanathan, Department of Chemistry- *“Phytochemical Studies*

on some Annonaceae Plants".

Smt. K. P. Jayasree - *"Salt Effects and Solvent Effect on the Solvolysis of Acid Chlorides"*.

Smt.V. C. Valsa, Department of Zoology -*"Eco-Biological Diversity of certain Cyprinids in a lotic 'Eco-System in Kerala"*.

Sri. M. Vijayakumar, Dept. of Commerce- *"A Study of Mutual Fund Investment in India."*

Sri.K.V. Baiju, Dept. of Statistics- *"on V-Statistics Based on Best Linear Functions Order Statistics as Kernels"*.

Sri.Vinod C.Sugathan has been selected for doing PhD in Economics during the XI Plan Period under FIP .

Sri.M.D.Ratheesh Kumar, Department of Geology-part time research-*"Ground water recharge conditions in Nemom sub-basin"*.

COMPLETED RESEARCH PROJECTS

Dr.G. Sreenivasan -Dept of History, **Dr.V. A. Jameela**-Dept of Economics,
Smt.P. Satheedevi-Dept of Botany,**Sri P.K.Viswanathan,Dr.T.Suresh,**
Dr. R. Revamma,Dr.I. G. Shibi-Dept of Chemistry,**Dr.M. K. Manilal**-Dept of Commerce,
Dr. S.Sreeletha-Dept of Physics submitted their minor projects sponsored by UGC in 2009.

ON GOING MAJOR RESEARCH PROJECTS FUNDED BY UGC

Dr.I G Shibi Dept of Chemistry-*Topic 'Physico Chemical Analysis and Evaluation of Metal Based Sidha Medicines'*.

ON GOING MINOR RESEARCH PROJECTS FUNDED BY UGC

Department of Botany

Dr. S. Anilkumar -*"Revision of the Genus Amaranthus"* in Kerala.

Department of History

Dr. A. Shaji –*"Dimensions of Social Protest: Conversion Threat of the Low*

Caste People for Social change (1930-1936)".

Smt.A.P.Greeshmalatha –*"Indigenous Craft, Art, Technology, Relative Customs and Traditions-A case study of Aranmula"*.

Department of Chemistry

Sri.T. N. Manoharan, Department of Chemistry *"Verification of Refutas equation to ideal and non- ideal liquid mixtures at various temperatures"*

Department of Economics

Sri. Vinod C. Sugathan -*"Ecotourism and Local Population in Kerala"*

RESEARCH AND OTHER PUBLICATIONS

Department of Malayalam

Smt.G.Asa, *"Yesuvinde Mownavachananga"* – an article published in Sahithya Keralam on December 2009 issue.

Department of Hindi

Dr Baby Girija, published two research papers this year in Sangrathan.,entitled *"Dr. Lekshmi Narayan Lal kee Nadya Sankalpana"* and *"Dr Lekshmi Narayan Lal kee Kranthi chetna –EkSathya Harichandra ke Visesh Sartharf mem"*.

Department of History

Dr. C.G.Usha :-Articles

1. *"Oru Veera Smrithiyil Muzhukumbo"* in Viswavedi Feb. 2009.
2. *"Brahmsri Vidyadhiraja Chattambi Swamikal"* in Viswavedi Aug. 2009.
3. *"Vithachathe Koiyu"* in Viswavedi Sep. 2009.
4. *"Thalam Pizhakkunna Janadhipathya Moolyanga"* in Viswavedi Oct. 2009.
5. Published a Research paper entitled *"Karthika Thirunal Ramavarma :An Accomplished Poet of 18th Century"* in Historia, Vol. 2 published by the Department of History, Sree Narayana College, Chempazhanthy.

(1) **Dr. A. Shaji**, published a research paper entitled *" Reflections of Community*

Assertions in the Civic Rights Movement of Travancore" in the Journal of Kerala Studies, Vol.XXXV published by the Department of History, University of Kerala.

(2) **Dr. A. Shaji**, published a research paper entitled "*Politicization of Castes: Community Organisations and the Struggle for Responsible Government in Travancore*" in Historia, Vol. 2 published by the Department of History, Sree Narayana College, Chempazhanthy.

Department of Political Science

Dr. Vijaya Natharaj P.S., Published two research papers one on Historia and another in University College formal of society and politics

Dr. L. Thulaseedharan Published a Malayalam paper on "*Aasian Karurum Asankakalum*" in 'Sahithykeralam' monthly November 2009.

Department of Economics

Dr. V. A. Jameela, HOD, Dept. of Economics published an article entitled "*Political Participation of Women in Kerala:- Miles to Go*" was published in the journal of Social Action -A Quarterly Review of Social Trends, Vol.59 , No.3, July- September 2009.

Dr. V. A. Jameela, published paper titled "*Micro Credit, Empowerment and Diversion of Loan use*" were selected for publication in the African Journal of Science, Technology, Innovation and Development.

Department of Psychology

A research paper titled "*Effect of Parental Style on Behavior*" by Dr. Anjana R., Guest lecturer in the department has been accepted by the journal Behavior Scientist.

Department of Statistics

Baiju K.V. and Jayanthi J. L. (2009). Discriminant analysis of autofluorescence spectra for classification of oral lesions in vivo. *Lasers in Surgery and Medicine*,

41:345-352. **Baiju K.V.** and **Saraswathy A.** (2009). Optimum wavelength for the demarcation of brain tumour using auto fluorescence spectroscopy. *Photomedicine and Laser Surgery*. 27(3):425-433.

Baiju K.V. and **Sunitha A.P.** (2009). LDH Isoenzyme feature of the muscles of two fresh water fishes in relation to fibre pattern and habitat. *Uttar Pradesh Journal of Zoology*. 29(3):349-353.

Baiju K.V. and **Sunitha A.P.** (2009). Linear sex ratio change in the clutch sequence of *Melapsittacus undulatus*. *Current Science*(Accepted for Publication).

Department of Physics

1. Effect of substrate temperature on structural, optical and electrical properties of pulsed laser ablated nanostructured indium oxide films

Applied Surface Science, Volume 255, Issue 20, 30 July 2009, Pages 8334-8342

D. Beena , K.J. Lethy, R. Vinodkumar, V.P. Mahadevan Pillai

2. Photoluminescence in laser ablated nanostructured indium oxide thin films

Journal of Alloys and Compounds (in press)

D. Beena, K.J. Lethy, R. Vinodkumar, A.P. Detty, V.P. Mahadevan Pillai

3. Effect of thermal annealing on the structural and optical properties of nanostructured zinc

oxide thin films prepared by pulsed laser ablation *Solar Energy Materials and Solar Cells*, Volume 93, Issue 1, January 2009, Pages 74-78 R. Vinodkumar, K.J.

Lethy, **D. Beena**, V.U. Nayar, V.P. Mahadevan Pillai

4. Micro-structural, Electrical and Spectroscopic Investigations of Pulsed Laser Ablated Palladium Incorporated Nanostructured Tungsten Oxide Films *Journal of Nanoscience and Nanotechnology*, Volume 9 (2009) 5335- 5344. Lethy K.J.,

Beena D., V.P. Mahadevan Pillai and K. A. Suresh

Department of Chemistry

1. G. Jayakumar. M. D. Ajithabhai, S Sreedevi, **P. K. Viswanathan B Ramesh kumar**(2010) "Ethnobotanical survey of the plants used in the treatment

of diabetes". *Indian Journal of Traditional Knowledge*.Vol(9)1,January 2010 pp100-104.

2. G. Jayakumar , M. D. Ajithabhai,Bharikumar, **P.K.Viswanathan**, B. Rameshkumar& G.Rajkumar(2010).“Pypyrones from Gonithalamus Wighti Hook.f and Thoms.,Annonacea” *Indian Journal of Chemistry* Vol.49B(1) January 2010 pp112-114

3. **K.P.Jayasree**(2009) "A Mechanistic Approach to Solvolysis of n-Caproyl chloride $\text{CH}_3(\text{CH}_2)_4\text{COCl}$ in Solutions of Acetone and Acetonitrile with Nucleophilic Solvents. *Oriental Journal Of Chemistry* ,vol.25,No.04;2009

4. TS Anirudhan and **I.G. Shibi** (2009) “Adsorptive removal of arsenite and arsenate ions from groundwater using iron (III) - loaded resin”. *Assessment of Groundwater Resources and Management* Edited by AL. Ramanathan, Prosun Bhattacharya, A.K. Keshari, Jochen Bundschuh, D. Chandrasekharam and S.K. Singh, I.K. International Pub, ISBN : 81-906757-2-7.

5. K.R. Jisha, **S. Suma** and M. R. Sudarsanakumar; “Synthesis, Spectral characterisation and thermal studies of zirconyl complexes of biologically active molecules”; *J Therm Anal Calorim*. Springer. DOI 10.1007/S10973-009-0432-6 published online: 16 September 2009.

6. M. S. Vasanthakumar and **S Suma**; “Synthesis and characterisation of metal complexes of orthovanillin thiosemicarbazone”. *Oriental journal of chemistry*; Vol (25)3, 515-522 (2009).

7. K.R. Jisha, **S. Suma** & M.R. Sudarsanakumar(2010) “Synthesis, spectral characterization and thermal studies of zirconyl complexes of biologically active molecules”, , *Journal of Thermal Analysis and Calorimetry*, 99 (2010) 509 - 513 (Springer)

8. V.L. Siji, M.R. Sudarsana Kumar, **S. Suma** and M.R. Prathapachandra Kurup “Synthesis, characterization and physiochemical information, along with antimicrobial studies of some metal complexes derived from an ON donor semicarbazone ligand” *Spectrochim.Acta*(Elsevier) (Accepted for Publication)

9. V.L. Siji, M.R. Sudarsanakumar, **S. Suma**, "Synthesis and spectral characterization of zinc(II) and cadmium(II) complexes of acetone-*N*(4)-phenylsemicarbazone: Crystal structures of acetone-*N*(4)-phenylsemicarbazone and a cadmium(II) complex" Polyhedron (communicated after minor revision)
10. K.R. Jisha, **S. Suma**, , M.R. Sudarsanakumar Synthesis and spectral characterization of alkaline earth metal complexes: crystal structure of Ca(II) hippuric acid complex Polyhedron (Communicated)
11. M. R .Anoop, P.S.Binil, **S. Suma**, ,M.R.Sudarsanakumar,Sheena Mary.Y,Hema Tresa Varghese and C.Yohannan Panicker(2010) " Vibrational spectroscopic studies and computational study of ethyl methyl ketone thiosemicarbazone",
J.Mol.Struct.,(InPress)(Elsevier)(2010),doi:10.1016/j.mol.struct.2010.01.041
12. P.S.Binil,M. R .Anoop, **S. Suma**, ,M.R.Sudarsanakumar,Sheena Mary.Y,Hema Tresa Varghese and C.Yohannan " FT-IR, FT-Raman and Computational study of ethyl methyl ketone semicarbazone *Vibrational Spectroscopy* (VIBSPEC-D-10-00024) (Communicated)(Elsevier)

Department of Botany

Dr. S Anil kumar. (1) "Text Book of Botany for +1 and +2".

(2) "Biology and Botany practical Text for + 2 Students".

POSITIONS HELD BY TEACHERS

Dr. K.L. Vivekanandan – Member, Syndicate, University of Kerala

Member, Board of Studies in Geology (UG), University of Calicut and Kannur

Dr. I.G. Shibi - Member Academic Council, University of Kerala

General Secretary of Academy of Chemistry Teachers.

Dr. S. Sreelatha - Member, Board of Studies in Physics (UG), University of Kerala.

Smt. R. Lathika- Member, Faculty of Arts, University of Kerala

Smt. V.R. Rajalekshmy- Member Board of Studies in English (UG), University of Kerala.

Smt. G. Asa - Member, Board of Studies in Malayalam, University of Kerala

Sri. M.D. Ratheeskumar -- Chairman, Board of Studies in Geology (UG), University of Kerala Member, Academic Council, University of Kerala, Member BOS (UG) MG University and Calicut University, Member faculty of science.

Dr. S. Satheeschandran - Member Faculty in Commerce, University of Kerala. Member, Board of Studies in Commerce (UG), University of Kannur.

Dr. G. Sreenivasan - Member, Board of Studies in History (UG), University of Kerala

Sri. Vinod C.Sugathan - Member, Malpractice Prevention Squad, University of Kerala.

Sri. R. Sasi - Member, Mal-practice Prevention Squad, University of Kerala.

Dr.L. Thulaseedharan-Member, Directorate level NSS Advisory committee, Member Directorate of Vocational Higher Secondary Education, Govt of Kerala.

Smt.L.Neena Member BOS (UG) Kerala University.

SPECTRUM 2009 SEMINAR SERIES

All the Departments organized a one day seminar each in the Spectrum seminar series. This has been our unique effort since 2004 to acquaint students and faculty with new frontiers of knowledge. Sri.Vellappally Natesan, Secretary, Sree Narayana Trusts and General Secretary, S.N.D.P. Yogam, inaugurated the

Spectrum 2009 which commenced on 29th October and concluded on 20th November, 2009. Altogether 114 papers were deliberated and discussed in the seminar. Experts in all fields made the seminar series illuminating and fruitful. It also provided an opportunity and platform for our faculty and students to present papers.

Prominent Speakers in the Spectrum 2009 Seminar Series

1. Dr. V George Mathew, former Prof and HOD, Psychology, University of Kerala.
2. Fr. Sebastian Chamathara, Former HOD, Psychology KE College, Kottayam.
3. Prof. S Kevin, Prof IDE and former Pro-Vice Chancellor, University of Kerala.
4. Dr. M M Khan, Faculty Dept. of History, Govt. Women's College, TVM.
5. Dr. Alexander Jacob IPS, ADG of Police.
6. Dr. Kalyani Valliyath, Director Valliyath's Total English Solutions.
7. Dr. A Sabu, Science Officer, Kerala Biotechnology Commission Shastra bhavan, TVM.
8. Dr. P M Radhamani, Reader, Dept of Botany, University of Kerala.
9. Dr. B. Biju, Dept of Physics, University of Kerala, Kariavattom.
10. Dr. M Sankara Sharma, Dept of Physics, Govt. College For Women, TVM.
11. Dr. P J Alexander, IPS, Former Director, Institute of Management.
12. Dr. R Thulasi Narayanan, Manager, SBI.
13. Dr. James Vadakkumchery, Criminologist Faculty, State Police Training College.
14. Dr. S. Madhavan, Former Prof. and HOD, Dept. of Mathematics, University College, TVM.
15. Dr. P K Rajendran, Nair, Former HOD of Geology, University of Kerala.
16. Dr. S Sureshkutty, Reader, Dept. of Physical education, Kannur University.
17. Dr. U C Abdul Jaleel, HOD of Chemoinformatics, Malabar Christian College, Calicut.
18. Smt. Mini Joseph, Lecture in Home science, Govt. Women's college, Thiruvananthapuram.
19. Smt. V. Ambili, Geologist (Jr) G.S.I., Govt of India.
20. Dr. P. T. Kurian, Former HOD, Psychology, SN College Chempazhanthy.

Publication of Souvenir

The papers presented in the Spectrum series by the resource person's teachers and students were published in the Souvenir Spectrum 2009.

UGC Sponsored Seminar

The PG Department of History has conducted a UGC sponsored Regional Seminar on 7th and 8th of December 2009. The papers presented in the seminar were published.

UGC Grant for Seminar

UGC has granted a sum of Rs 1,00,000 (One lakh) to the Department of Chemistry for conduct of a seminar entitled "**Green Chemistry**".

Website

Our Website, www.sncollegechempazhanthy.org contains updated details of our college and related activities.

Know Your College

An orientation programme for the first year students, 'Know Your College', was conducted on 17-09-2009. The students were divided into five groups and teams of teachers introduced several aspects of the college including the history of the college, facilities available, disciplinary regulations, curriculum, examination system, syllabus, activities of various clubs, NSS, NCC and other personality development opportunities.

Founder's Day

The 37th death anniversary of our Founder Manager Sri. R.Sankar was observed as the Founder's day on 7th November 2009. Dr.M.Jayaprakash, DCDC, delivered the inaugural speech. Principal Dr. M.Jeevanlal presided over the function **Dr.K.L.Vivekanandan**, Member, Syndicate, University of Kerala spoke on the occasion.

Development of Cyber Skill

CAP 2009, a computer awareness programme effectively transformed all our outgoing BA/BSc. and M.A/MSc. students computer literate. The course of 25 hour duration included Windows, MS Word, MS Excel, MS Power point, Internet-Email

etc. All successful candidates were given Certificates too.

Communicative empowerment

The college conducted Spoken English Classes for final year students as additional input this year. For that purpose an experienced teacher, Smt Sarika was appointed

Festivals 2009

Onam was celebrated in the college with great pomp this year also. A grand Food Festival, *Food Fest 2009* in which students and teachers of all departments along with the non-teaching staff prepared special dishes and set up their own stalls, and sold them, claiming only reasonable price. There was the traditional *Onam* Feast and inter departmental *Athapookkalam* competition for students. A *Pulkoodu* contest was also held in connection with the Christmas celebrations. *Deepavali* was celebrated with the traditional fireworks.

Sree Narayana Gurudeva Jayanthi and Sivagiri Pilgrimage

The entire staff of the college participated in the 155th Sree Narayana Gurudeva Jayanthi held at Chempazhanthy Gurukulam and participated in the Sivagiri Pilgrimage. Facilities for parking vehicles, accommodation, drinking water, canteen etc were provided in the college for the pilgrims. The teaching and non-teaching staff, the NCC cadets etc participated in this great endeavour. The role played by the PTA, NCC cadets and non-teaching staffs were praise worthy.

General Library

The College General Library has a meritorious service record. At present it contains 34234 books. The college advisory committee is constituted by **Dr M.Jeevanlal [principal], Sri T.N. Manoharan, Smt. Prasad S. Beena, Dr S Sreelatha, Sri M Chandrababu, Dr B Jayasree and Smt Renuka S, and Kumari Rekha R.C., 3rd DC Mathematics.** This year a book exhibition

AKSHARA MUTTAM was organized in the reading room as a joined venture of the college union and PTA on 27 -1- 2010. The function was inaugurated by **Dr.K.L.Vivekanandan**, member, syndicate, Kerala University. The library advisory committee has decided to purchase all the available books written by Sree Narayana Guru and books on Sree Narayana Guru and also to maintain a separate collection of the same as a part of the Sree Narayana Study Circle.

College Union

During the current academic year the college union activities comprised of a variety of programmes. The functioning of college union was officially started with the inauguration of the same as well as the Arts Club by Dr. Cheriyan Philip, Chairman, KTDC on 16-10-2009.

On 16/7/2009 the members of the former college union organized a meeting at Arts block to commemorate the contributions of Kamala Suraiyya and Lohitadas.

A grand Media Camp was organized under the auspices of our college union on 24-25 of November 2009 at seminar hall, Sree Narayana College. Most of the prominent media icons available in Trivandrum participated the function. The Media Camp was inaugurated by M.G.Radhakrishnan (India Today), Smt. Parvathy Devi, V.P. Unnikrishnan (Janayugam), Harshan (Asianet TV), Sri. Firoz (Jaihind TV), T.K. Santhosh Kumar (Amritha TV), N.P. Chandrasekhar (Kairali TV) were some among the prominent dignitaries who participated in the camp.

On 26-11-2009 a seminar was conducted "*India Virachappol*" to create an awareness against Terrorism, which is a serious threat that our nation is facing nowadays to commemorate the first anniversary of Bombay bomb blast of 26-11-2008. In the programme **Dr.M.Jeevanlal**, principal, Sree Narayana College, Chempazhanthy made a heart throbbing speech to alert the students about the danger that our nation is facing now.

In the literary camp '*Ezhuthakam*' organized by University Union at Kovalam Guest House from 7 to 9 December 2009, 9 students from our college participated.

On 8th December 2009, the college union conducted a sports Quiz at students centre.

On 7-12-2009, the college union organized 'Ajay Memorial Cricket Tournament'. It was inaugurated by our principal, **Dr.M.Jeevanlal**. Students of Mathematics Department won the competition.

Under the auspices of college union 'Talent Hunt' the Arts Festival was conducted on 10th and 11th of December 2009. The event was inaugurated by the famous dancer Smt. Rajasree Warriar.

The college union and PTA jointly organized Christmas Day celebrations and '*pulkoodu*' competition on December 23rd 2009.

On 25-12-2009 members of the college union visited "*Santwanam*", the old age home at Chackai and spent few hours there along with the destitutes.

The College Magazine was released on 14-1-2010 in an august function by **Prof.T.N.Manoharan**, HOD, Chemistry.

On 19-1-2010 the college union arranged a drawing competition at seminar hall. The University Youth Festival was conducted from 21-1-2010 to 26-1-2010 at Cherthala. Students from our college too participated in the function. Gopika Vasanth, 1st DC Physics secured First Prize in short story writing.

This year's College Day was inaugurated by V.Sivankutty, M.L.A on 26-2-2010. Union Chairman Sajeev. K. chaired the function. **Dr.M.Jeevanlal** principal, Sri **C.S.Ajikumar**, Secretary PTA, Sri **M.D.Ratheeshkumar**, **Dr.I.G.Shibi** - felicitated the function.

The report of the college union was presented by Ratheesh, University Union Councilor. The programme concluded with a musical concert of the musical club.

PTA

The Parents Teachers' Association of the college has been very active in providing academic, extra curricular, and infrastructural facilities and amenities to the students and staff. The PTA has taken up a number of activities to ensure the all-round welfare of our students by finding funds for the implementation of schemes, programmes, and facilities. The activities of the PTA have given a

remarkable face-lift to the college, altogether. This year the PTA distributed free mid-day meals on all the working days to more than 100 poor students who were selected by means of the Tutorial machinery. Very poor students received financial assistance from the PTA and all the needy students got medical assistance including timely hospitalization. The PTA extended financial support to PG students to attend National Seminars and gave cash awards to those students, who got the highest marks in the final year degree and post graduate examinations of April/May 2009, in each discipline.

The PTA has taken up the responsibility of paying the security personnel, driver, gardener and sweepers, and paying the telephone and electricity charges for the college, this year also.

The financial burden of several academic and other activities were also borne by the PTA. They include the subscription of periodicals in the college library; beautification and furnishing of the Seminar Hall; expenses for the Mid-term and Model Examinations; printing of progress cards; academic diaries and attendance registers; maintenance and modification of toilets; the construction of the college gate; repairing of the water pump set; regular cleaning of the campus, water tank and toilets; modification and beautification of the college garden; electrification of the arts block; repairing and updating of the computers and the UPS; replacement of unusable lights and fans; maintenance of the Sports Hostel; maintenance of the public addressing system; painting of black boards; and above all, the extension of the water supply and drainage system to the whole of the college building. SPECTRUM 2009, the functioning of the Career Guidance Cell, loans to the guest lecturers and the non-teaching staff, class-wise PTA meetings, and 'Know Your College' programme were fully funded by the PTA.

Class Wise PTA Meetings

Fifty three class wise PTA meetings were held to find out psychological and academic merits and demerits of the students through interaction with the parents. All the PTA meetings were well attended and the meetings turned out to be very successful due to the lively and sincere interaction.

The tutorial system

The tutorial system has been implemented effectively in fostering better students- teachers relationship and maintaining discipline. The tutors were given complete freedom for assessing students' ability and to report the Principal any fault from the part of students. Formation of Talents Ensemble, identification of poor and needy students, recording of student assessment were effectively carried out with the help of Group tutors.

FIST

The Department of Chemistry has been identified for the financial support under FIST programme of Department of Science and Technology of India. A sum of rupees 4.98lakhs has been received towards the second installment. Broadband internet connection has been installed in the computer lab.

Science Exhibition

A Grand Science Exhibition has been organized under the joint auspices of various departments of science (Physics, Chemistry, Geology, Zoology) and Science Club of Sree Narayana College, Chempazhanchy on 24\2\2010. The programme conducted as part of National Science Day celebration (NSD 2010) is supported by Kerala State Council for Science, Technology and Environment and the Department of Science and Technology, Government of India. The Focal Theme for NSD 2010 is: **“Gender Equity for Prosperity with Peace”**

Merit Awards

Merit Awards for the year 2008-2009 Sponsored by the PTA were distributed on 29th October 2009 along with the inaugural function of Spectrum 2009.

Sports and games

The Department of Physical Education was able enough in proving its caliber by putting exemplary performances in sports and games during the academic year

2009-2010. Our college teams won Kerala University Inter collegiate Cycling, Aquatics and Water Polo championships .The college Volley Ball team (men) was the Runner up in the Kerala University Volley Ball Championship. The college Kho-Kho team (men) secured Third position in the kerala University inter collegiate Kho-Kho Championship.

The college Hockey team (women) and Cycling team (women) secured Third position in the Kerala University Hockey women and Cycling women championship respectively.

Arun S Kumar, 1st DC English won Gold Medal in High Jump at the Open National Tournament (Athletics), Kezia Vargees, 1st DC Sociology, Deepa Chandran, 3rd DC Physics and Vinaya Vijayakumar, 1st DC Geology won Gold Medals in the All India Inter-University Cycling Championship.

NATIONAL SERVICE SCHEME

The National Service Scheme is the largest voluntary organization of Asia. It imparts training to young youths to develop their personality through community service. There are five units of NSS in the College and all the units are performing extremely well. For guiding these units there are five Programme Officers. During the reporting year the Programme Officers who led the NSS units are **Dr. A Shaji, Sri. C. S. Ajikumar, Dr. B. Jayasree, Sri. R. Sasi and Dr. G. Baby Girija.**

The major programmes implemented in the calendar year 2009-2010 include the observations of important national and international days by conducting seminars, symposiums etc. Blood grouping and blood donation camps were arranged in the College. Traffic Awareness drama was conducted in the seminar hall. An orientation programme was conducted for the new volunteers. The orientation class was taken by Sri. B. Sreekumar, Programme Co-ordinator, NSS. Cleaning programmes were conducted in the college and in the adopted village. A socio-economic survey was conducted in the adopted village and its

findings were given to the authorities of Sreekariyam Panchayat. A waiting shed was constructed in the Chempazhanthy junction with the co-operation of the Chempazhanthy Gurukulam Residence Association and the Teaching staff of the college. The Annual camp 2009 has been arranged in Chenkal, Neyyatinkara during 18-24, December 2009.

NCC

The enrolled strength of the NCC unit (Boys) is 160. This Academic year all NCC Cadets have participated many adventure programmes. In the year 2009-2010 two cadets attended Army Attachment Camp at IMA Dehradun and one cadet attended the Advanced Leadership Camp at Maharashtra. Two cadets participated in special NIC at Kothamangalam. One cadet participated in the Trekking Camp at Gujarat. 15 cadets participated the Paragliding camp at Sainik School. The NCC unit conducted social service programme on the eve of Gandhi Jayanthi day and our 10 cadets attended the Blood donation camp conducted by the navy wing at RCC.

Thirty cadets participated in the traffic regulatory acts and social service programme on the eve of *Sivagiri Theerthadanam*. 35 cadets passed the 'B' certificate examination and 2 senior cadets passed the 'C' certificate examination. 6 cadets were selected for the National camp and 2 cadets for the intergroup firing competition under the TCC camp.

Our ANO Captain **Biju S. S.** participated in the NIC camp held at Mumbai.

Seminars/Conferences/Workshops/Refresher courses etc attended by the Teachers

Department of English

Smt.B.Mini Anand and **Smt.K.N.Geetha Kumari** attended a two day National Seminar organized jointly by the Depts. of Linguistics and Philosophy, University of Kerala, Trivandrum.

Smt.B. Mini Anand and **Smt. Prasad S.Beena** attended a two day International Seminar on Latin Language and World Cultures organized by the Institute of English, Trivandrum and the Dept of Latin, St. Xaviers College, Thumba.

Department of Malayalam

Smt.G.Asa, Attended one day Orientation programme for college teachers on the regulation of Choice Based Credit and Semester System at Govt. Sanskrit College Trivandrum on 09-12-09. Also attended one day special meeting of oriental studies at Academic Staff College Kariyavattom on 09-10-09.

Department of History

Dr. C.G.Usha, Dr. G. Sreenivasan and **Dr. A. Shaji** participated in the workshop for the syllabus preparation as part of the semesterisation of Degree courses in March 2009.

Dr. C.G. Usha, HOD was the member of the Board of Examiners for MA IV Semester June 2009.

Dr. G. Sreenivasan, has been appointed as the member of Board of Examiners for MA III Semester February 2010.

Dr. C.G. Usha, Major Dr. S. Sethulekshmy, Dr. G. Sreenivasan, Sri. R.Sasi, participated in the one day National Seminar organized by the Department of History, Kariavattom on 25-11-2009

Dr.C.G. Usha, Major Dr.S.Sethulekshmy, Dr. Lekha k. Nayar, Smt. A. P. Greeshmalatha, Dr. G Sreenivasan, Sri. R. Sasi, and Dr. A. Shaji participated in the two-day Regional Seminar sponsored by UGC held at S N College, Chempazhanthy on the 7th and 8th December 2009 .

Greeshmalatha A.P. attended a seminar cum conceptual workshop on "*Linguistic and cultural integration of Kerala 1300CE to the present*" Project, SAP, UGC on 24, 25 and 26th of March, Dept. of History, University of Calicut, Malapuram(Dt.)

Department of Political Science

Smt.Soja Madhavan, Dr.Vijaya Natharaj P.S., Dr.L.Thulaseedharan, Sisubalan S.

Attended the orientation programme on semesterisation conducted by the University of Kerala. on 9/12/2009 at the Government sanskrit College. Trivandrum.

Dr. L. Thulaseedharan

1. Attended 5 day workshop on Re-structuring under graduate Programme) Sponsored by Kerala State Higher Education Council from 24th to 28th February 2009
2. Completed the short term course of Research guides, organized by Academic Staff College, University of Kerala, Kariyavattom. 23rd to 28th March - 2009
3. National Seminar on China in the 21st century organized by V.K. Krishna Menon study centre on 6th october, 2009 at Department of Political Science, Kariyavattom.
4. Attended NSS Advisory Committee meeting of Directorate of VHSE at 4 pm. on 9/12/ 2009.

Department of Economics

Dr. V. A. Jameela attended the lecture on "*Global Financial Crisis and the Indian Capital Market*" conducted by the Department of Economics, University of Kerala on 16th June 2009.

Dr. V. A. Jameela attended the one day National Seminar on "*Indian Banking Sector: Past, Present and Future*" on 18th September, 2009 organised by the Department of Economics, University of Kerala in connection with the Golden Jubilee Celebrations.

Dr. V. A. Jameela participated in the State level Seminar on "*Manifestations of Global Financial Crisis in India*" sponsored by University Grants Commission on 13th and 14th November 2009 at 5 N College, Sivagiri, Varkala.

Dr. V. A. Jameela Became a member of the International Union for the Scientific

Study of Population in April 2009.

Dr. V. A. Jameela attended the one day Orientation Programme on UG semesterization (Thiruvananthapuram Dist.) for the teaching staff of the Colleges held on 09- 12-09 at the Govt. Sanskrit College Trivandrum.

Department of Psychology

An International seminar was conducted on 24th August 2009. Dr. Roy. J. Mathew (Duke & Texas University) presented a paper on Consciousness and Mental Health Mrs. Laura.J.Mathew (director of Student Health, Odessa, Texas) talked on the Mental Health Problems and Management of Adolescents in USA.

The seminar Spectrum 2009 was conducted on 30th October 2009. Dr. V. George Mathew , Former HOD ,department of Psychology, University of Kerala presented a paper on Parapsychology. Fr. Sebastian Chamathara, Former HOD in Psychology, K.E College, Mannanam presented a valuable talk on Skills In Applied Psychology.

Department of Mathematics

1. **Smt. E. Padmakumari** and **Smt. K.S. Lilamma** attended a 2 day National Seminar Sponsored by UGC at All Saints College, Trivandrum on 23rd and 24th october 2009.

2. Conducted department seminar on 13/11/2009 as a part of spectrum 2009.

Department of Physics

In connection with the Seminar series Spectrum 2009 of our College, The Physics Department conducted an one day seminar on 06-11-09

In the forenoon session Dr. V. Biju" Department of Physics, university of Kerala, Kariavattom, and Dr. M. Sankara Sarma, Govt. Women's College, Trivandrum presented Papers.

In the afternoon session Mr. Radhakrishnan.S.R., Research Scholar, Department of optoelectronics, University of Kerala, Kariavattom and five final year students of the department presented Papers on different topics.

Dr.Sreeletha S. participated in a one day orientation programme for Board of Studies Members, held on 7 -1 0-2009at at Academic Staff College, Kariavattom.

Smt. P.S. Amala Devi has successfully completed the refresher course in Physics from 3-10-2009 to 24-10-09, sponsored by UGC, and held at Academic Staff College, Kariavattom, Trivandrum. Participated in the National Seminar on Gender and Culture organized by Centre for Women's Studies University of Kerala , and Kerala Women's Studies Cell, All Saint's College, TVM, on 21 and 22 January 2010 held at All Saints College, TVM, Sponsored by University of Kerala.

Dr. P.G. Sobhana Devi has successfully completed the Orientation Course from 22-6-2009/17-7-2009.sponsored by UGC, and held at Academic Staff College, Kariavattom, Trivandrum.

Dr. Sreeletha S., Sri. C.S. AjiKumar, Smt. P.S. Amala Devi, Dr. P.G. Sobhana Devi and Smt. D. Beena have participated in the one day orientation programme to the teaching staff of the Colleges. on the Regulations of Choice based Credit and Semester System held on 9-12-09 at Sanskrit College, Trivandrum.

Smt.D.Beena attended "National workshop on Advanced Experimental Physics" from March 19-21,2009 at Mar Ivanios College, Thiruvananthapuram.

Department of Chemistry

Sri T N Manoharan attended Refresher Course in Chemistry in the Academic Staff College of the University of Goa from 28-03-2009 to 18-04-2009

Sri T N Manoharan and Dr I G Shibi presented demonstration of Chemical experiments before a Group of school students at a summer camp at Government School, Kariavattom in May 2009.

Sri T N Manoharan and Dr I G Shibi presented demonstration of interesting Chemical experiments before a Group of School students at a Vacation Class organized by Thrippadagiri Residents Association, Thrippadapuram.Trivandrum

Sri T N Manoharan and Dr I G Shibi were resource persons to present Chemical Magic before a Group of school students at a summer camp at Hindustan Latex, Trivandrum in May 2009.

Sri P K Viswanathan delivered a talk on “Stereo Chemistry” at SN College Chengannur on 12 Dec 2009

Dr. R. Revamma participated in the Five-Day Workshop on Restructuring of B.Sc Chemistry Programme organized by the Keral State Higher Education Council and University of Kerala from 02-03-2009 to 06-03-2009 at Trivandrum.

Dr Shibi I.G. participated in the National workshop held by NAAC at Loyola College, Trivandrum on July 17-18, 2009.

Dr. I.G. Shibi took a class on the ‘Genesis and Relevance of Green Chemistry’ for the Teacher participants of UGC sponsored Refresher course in the Academic Staff College, Kariavattom on 25th March 2009

Dr. I.G. Shibi participated in the Five-Day Workshop on Restructuring of B.Sc Chemistry Programme organized by the Keral State Higher Education Council and University of Kerala from 02-03-2009 to 06-03-2009 at Trivandrum.

Dr. I.G. Shibi was the Director of the *Two Day Media Camp* held In the college

Dr Shibi I.G. has been approved as a research guide in Chemistry of the University of Kerala during this year.

Dr Shibi I.G. was the Coordinator of *One day Science Exhibition* held in the College on 24-02-2010 in connection with National Science Day Celebrations.

Dr Suma S attended a short term course for Research guides – conducted by the Academic Staff College, University of Kerala. Sponsored by UGC. on 23 – 28 March, 2009

Dr S Suma attended a two-day workshop of the Board of Studies in Chemistry (pass) on 1-2 December 2009.

Department of Botany

1. **Smt. Sathee devi P.** and **Dr. S. Anil kumar** - Orientation programme on “Restructuring of U G courses” at University College, Trivandrum.

2. **Dr. S. Anil kumar** :-(1) Workshop on “G.M Crops and Food Security” at Sasthrabhavan, Trivandrum. (2) Workshop on “Modern Biotechnology in Indian Agriculture” at Priyadarsini Auditorium, Trivandrum.

Department of Zoology

Smt. V.C. Valsa and **Dr. Kiron Vasudevan** participated in the 5-day workshop(24/2/09 to 28/2/09) organized by Board of studies in Zoology for restructuring BSc Zoology course at F.M.N. College, Kollam.

Dr. Kiron Vasudevan attended the orientation programme for college teachers on Methodology Course (Science) (22/7/09 -23/7/09) at Regional Telecom Training Centre Thiruvanthapuram conducted by Kerala State Higher Education Council.

Department of Commerce

Dr.M.K.Manilal attended national seminar on “Management of Co-operatives-Paradigm Shift and Challenges” on 25-1-2010 organized by CAMS.

Resource persons and presentation of papers

Department of Malayalam

Smt. G.Asa

1. Delivered a talk on “*Advaytha Deepika*”at Gurukulam Chempazhanthy on 11-04-09.
2. “*Jeevitham*”– One hour interview telecasted in Jaihind TV on 21-07-09.
3. Delivered a talk on “*Prethisandhiyil Thalarathe*” in connection with the Palliative day at SNDP Hall, Vakkom on 13-09-09
4. Delivered a talk on “*Viswasavum Jeevithavum*” in connection with Breast Cancer Month at Regional Cancer Centre on 31-10-09
5. A talk on “*Cancerum Athmaviswasavum*” at Vilabhagam Residence Association on 14-11-09
6. “*Vipadi Dhairyam*” – A talk at N S S College, Karamana on 22-12-09.

7. "Guruvinte Sandesam – Jeevithathil"- a talk at gurukulam in connection with SNDP procession On 31-12-09 at Gurukulam Chempazhanthy.
8. Delivered the keynote address of the Youth Festival and the Inaugural address of the Library of SSPBHS, Kadakkavur on 08-10-09.

Department of History

Dr.C.G.Usha reviewed a book entitled "*Malayalam Marikkumo*" written by Malayalapuzha Suthan on 1-11-2009 in the meeting organized by Viswa Samskarika Vedi at Press Club TVM.

(1) **Dr. AShaji** has presented a paper entitled "*Rethinking the Early Resistance Movement in Kerala*" in the National Seminar held in St. Cyril's College, Adoor from 21 to 23 October 2009 sponsored by the Indian Council of Historical Research, New Delhi.

(2) **Dr. A Shaji** has presented a paper entitled "*Political Agitation for Civic Rights in Travancore: The lead of Thariath Kunjithomman*" in the U.G.C Sponsored National Seminar conducted by the PG Department of History on 7 and 8 December 2009.

(3) **Dr. A Shaji** was the resource person for the seminar on "*The importance of Studying History*" in the following colleges during November- December 2009:-
(a) All Saints College, Thiruvananthapuram (b) St. Xavier's College, Thumba(c) V.T.M NSS College, Dhanuvachapuram and Government Women's College, Thiruvananthapuram.

Greeshmalatha.A.P

1.Seminar on Indian Ocean Region 29-3-2010 and 30-3-2010 Dept. of History, University of Calicut

2.Inaugurated Heritage club on 30-12-2009 and spoke on '*Valluvanadan Peruma*' in the function held at

Govt. Oriental Higher Secondary School, Pattambi, Perumudiyur, Palakkad(Dt.)

Department of Political Science

Dr. L. Thulaseedharan

On 4/12/2009 -took a class for NSS volunteers Leadership Training camp of Rengaprabhath, Venjaramoodu.

Department of Economics

Dr. V.A.Jameela's paper entitled "*Women Education in India- A Giant leap forward*" was selected for poster presentation at the XXVI International Population Conference in Marrakech, Morocco, held from 27 September to 2 October 2009.

Dr.V.A. Jameela's paper captioned "*Micro credit, empowerment and diversion of loan usell at the 7th international Globelics Conference 2009*" Inclusive Growth, Innovation and Technological Change: Education, Social Capital and Sustainable Development", jointly organized by the Consortium pour la Recherche Economique et Sodale (C.R.E.S.) of the Universit'e Cheikh Anta Diop and the United Nations University Maastricht Economic and Social Research and Training Centre on Innovation and Technology {UNU- MERIT} held in Dakar, Senegal,6-8 October 2009.

Dr. V.A. Jameela has presented one paper in an international seminar held at Dakar, Senegal, 6-8 October 2009 and presented a paper in two seminars organized at state level.

Dr. V.A. Jameela delivered a talk on Global Financial Crisis and Indian Economy at S N College for Women,Kollam on 14th November 2009_

Dr. V. A. Jameela Delivered a talk on Impact of Global Economic Crisis on Indian Economy on 5th November 2009 at SN College Chengannur in connection with the Founder's Day Commemorative lecture Series.

Department of Psychology

The final year students of the department of psychology were given Problem Solving Skills Training by **Dr. Aravind Thampi**, Lecturer in Psychology, SN College, Chemipazhanthy on 22nd June 2009

Dr. Raakhee .A.S, Lecturer in psychology worked as a question paper setter for

M.G.University

Department of Physics

Dr Sreeletha Presented two papers in the 16th National Space Science Symposium , Sponsored by ISRO and held at Sourashtra University Rajkot, Gujarat, from 24-02-10 to 27-02-10, and the work is published in the book of abstracts .Papers are

1. Study of short period gravity wave spectrum in the low latitude troposphere using Indian MST Radar. **S. Sreeletha** .,M.S.Girija and S.R. Prabhakaran Nayar
2. Study on the fluctuations in vertical wind at the troposphere M.S. Girija, **S.Sreeletha** and S.R.Prabhakaran Nayar.

Structural , Optical and Electrical Properties of Nanotin (IV) oxide doped indium oxide films prepared by PLD. International Material Research Congress Symposium, August 16-20, 2009 Cancun Mexico, **D. Beena**, R. Vinodkumar, V.P. Mahadevan Pillai.

Influence of post-deposition annealing on optical and structural properties of vacuum deposited indium oxide films prepared by PLD, International Material Research Congress (IMRC- 2009), August 18-20, 2009, Cancun Mexico, **D. Beena**, R. Vinodkumar, V.P.Mahadevan Pillai

Department of Chemistry

Sri T N Manoharan presented a paper titled "Validity of Refutas equation to ideal and non- ideal liquid mixtures at various temperatures" in 5th National Conference on Thermophysical Properties (NCTP-09) held at M S University, Baroda during 07-09 October 2009 and the paper is published in the Proceedings of the conference

Sri P K Viswanathan presented the paper titled "Chemical composition and anti microbial activity of the volatile components from the stem bark and leaves of *Popowia beddomeana*(annonacea)" at the International seminar "Perspectives in Natural Products Chemistry" Govt. Women's College TVM on 23 Sept 2009

Sri P K Viswanathan delivered a talk on "Stereo Chemistry" at SN College Chengannur on 12 Dec 2009

Smt K P Jayasree presented the paper titled 'A Mechanistic approach to Solvolysis of n-Caproyl chloride in Acetone And Acetonitrile'.in the U.G.C sponsored seminar "EDUCHEM" held at S.N.College Punalur on16-10-2009 and it is adjudged as the best presentation and is rewarded with cash award and merit certificate.

Smt K P Jayasree presented the paper titled 'A Mechanistic approach to Alcoholysis of n-Caproyl chloride in Acetone and Acetonitrile'. on 23-09-2009-.in the U.G.C sponsored seminar at Govt Women's College Tvm.;

Smt K P Jayasree presented the paper titled '.A Mechanistic Approach to Solvolysis of n-Caproyl chloride in nucleophilic solvents" during the 97th Indian Science Congress held at Trivandrum

Dr I G Shibi presented the paper "A Novel Green Chemistry Practice in Testing Gases" in *the 6th International Conference on Hands-on Science (HSCI 2009) held at AHMEDABAD National Council for Science & Technology Communication during October 27-31, 2009*

Dr Shibi I.G. presented a paper titled "Physico-Chemical Evaluation of a Metal Based Siddha Medicinal Preparation" in the ***International Conference on Herbs and Herbo Mineral Formulations - Phytocongress 2010*** held at SASTRA University, Thanjavur on 6th & 7th February 2010.

Dr Shibi I.G. participated in the *National Workshop in Experimental Chemistry* organized by the Indian Academy of Sciences and Central University Hyderabad from June 15-29, 2009 at Hyderabad.

Dr Shibi I.G. & Panchami V.S. participated in the National Seminar on *Emerging Trends in Environment and Development* and presented a paper on "Water quality assessment of Killiyar, in Thiruvananthapuram District" held on 8 & 9 October, 2009 at Trivandrum.

Dr Shibi I.G. delivered an invited talk on the Applications of Green Chemistry at S.N. College, Chengannur held on November 4, 2009

Dr Shibi I.G. delivered an invited talk on the *Spectroscopic Identification of Organic Compounds* at SN College for Women, Kollam, held on December 11, 2009.

Dr Shibi I.G. delivered an invited talk on the *History of Chemistry* at Government College, Attingal, held on November 19, 2009.

Dr Shibi I.G. delivered an invited talk on the *Genesis Of Green Chemistry* at MPMM SNT college, Shorannur held on October 5, 2009.

Kala U L, **Suma S**, Kurup M R P; Synthesis, spectral studies and crystal structure of Co (III) complexes of semicarbazone. "International conference of coordination and organometallic Chemistry, ICCOC – 2009, 19-20 March 2009. Department of Chemistry, Bharathiar University, Coimbatore.

Jisha K.R., **Suma S** and Sudarsanakumar M. R.: Synthesis, spectral characterisation and thermal studies of lanthanide complexes of monophenylbutazone; "International conference of coordination and organometallic Chemistry, ICCOC – 2009, 19-20 March 2009. Department of Chemistry, Bharathiar University, Coimbatore.

M. S. Vasanthakumar and **S Suma**. Synthesis and characterisation of metal complexes of orthovanillin thiosemicarbazone. . "International conference of coordination and organometallic Chemistry, ICCOC – 2009, 19-20 March 2009. Department of Chemistry, Bharathiar University, Coimbatore.

Students participation in Seminars/Conferences etc and presentation of papers

Department of English

Chorus in Greek Tragedy with Special Reference to 'Antigone' Ragi Vijayan .R
III B.A. English

A COMPARATIVE STUDY OF SHELLEY'S 'WESTWIND' AND
KUMARANASAN'S 'DURAVASTHA' Vipin S.S.III B.A.English

A DOLL'S HOUSE As a feminist Play B.Bansal III B.A.English

THE ROLE AND CHARACTER OF THE FOOL IN KING LEAR

Reji.A.L. III B.A.English

Amitav Ghosh's "The Glass Palace"- A Study ,Aparna Mohan

III B.A.English

Chetan Bhagat's Novels - A Study,Asha D.I.III B.A.English

An Analysis of the English Poems of Kamala Das, Nimmy N.S.

III B.A.English

An Interpretation of Derek Walcott's 'A far Cry From Africa'

Lekshmi Nair G. I B.A.English

Department of History

PG students participated in the one day National Seminar organized by the Department of History, Kariavattom on 25-11-2009, Suni K 1st MA History presented a paper on "Gandhi- Bose Relations: A Critical Analysis" in the seminar organized by the department on 3-11-2009 as part of Spectrum 2009.

Department of Economics

The Indo-Asean Free Trade Agreement: An Assessment

Mr.Vishnu.P.S, I M.A .Department of Economics, Kariavattom

New World Economic Order

Mr.Nandu.C.J, I M.A Department of Economics, Kariavattom

INDUSTRIAL GROWTH IN KERALA

Mss.Maya. G, I M.A Department of Economics, Chempazhanthy

POVERTY IN KERALA

Mss.Rajani.L, I M.A Department of Economics, Chempazhanthy

Department of Psychology

Students who presented papers in the seminar Spectrum 2009 are:

Samuel George(III DC) Characteristic Reflections of Young Generations- A Psychological

Review, Neethu.S. Prasad(III DC) The Psychology Behind Customs, Adarsha.S(

III DC) The Role Of Psychologists Today, Revathy. A .
Thampy(IIDC)MentalRetardation ,
Dhinu.P,S (II DC) Police Interrogation Techniques, Alex.B (II DC) Suicide,
Ajmal Khan (II DC) How to Understand Other's Behavior, Revathy,T.S (11 DC)
Adjustment Problems of Adolescents.

As a part of the World Mental Health day celebrations an exhibition on Psychology was organized by the students on 8 August 2009. Swathy .A.Das of III DC Psychology secured second prize in the Kerala University Tennis Tournament conducted in October 2009.

On 27 th January 2010, the final year students of the department visited Eventide old age home, Sreekariyam, Trivandrum .The students provided lunch for the inmates.

The students of the visited the State Institute of Mentally Challenged, Pangappara,Trivandrum on 5th February 2010. The students distributed food packets to the children and they also presented some cultural programs.

Department of Sociology

In association with a Global level NGO called 'Drugs free world' based on Los Angels, USA, the students of department of Sociology observed the Anti-narcotic day on 26-6-2009. They also prepared colour posters and notices. The notice boards of all departments and the corridors of our college were decorated with posters and slogans. Sociology students moved from class to class making campaign against the use of drugs. Sociology department has conducted an interesting quiz competition within the department in relation with the observance of world population day under the leadership of Mr, Kiran Singh of III DC. Students of II DC and III DC actively participated in the quiz and Mr. Sivakumar of III DC was given the prize for his successful participation. As a part of spectrum 2009, Sociology department conducted an inter college seminar event on the topic "Sociology of Crime and Deviance" on November 12, 2009. Famous criminologist Dr. James Vadakumchery was the chief speaker. Students from Mahatma Gandhi College and University College presented papers on various

topics. Sociology students also presented papers on various relevant topics. Due to the big participation of the students elimination round was conducted and six students were selected. The topic includes "Youth & Crime", "Problems of working women", "Gay marriages, a sociological perspective", "Suicide Deaths", "Social Factors and Crime", "White collar jobs and Cyber crime", "Juvenile Delinquency in conflict with Law", "Terrorism & Violation of human rights". The students not only presented the topics .but also shared practical solutions for each problem. Selected students attended a regional conference organized by KSS on the 'Prospects of Sociology', held at Loyola College. Our 30 students and two lecturers attended this event. Final D.C. Sociology students were taken for the "Tribal Mela", held at Kanakakkunnu, TVM.on 22-1-2010.

Department of Mathematics

STATISTICAL ANALYSIS OF SOCIO-ECONOMIC STATUS AND ACADEMIC ACHIEVEMENT OF UNDERGRADUATE SCIENCE STUDENTS: A CASE STUDY Shynimol, R., IIIB.Sc. Mathematics (Main)

FOURIER SERIES ,Aswathy S.,II B.Sc. Mathematics

LAPLACE TRANSFORMS, Soorya V.M., II BSc. Mathematics

INEQUALITIES, Mahesh M.O., III B.Sc. Mathematics

FAMOUS PEOPLE IN MATHEMATICS, Kala.T.Dharan, I B.Sc. Mathematics

Department of Physics

Students of Department of Physics participated in the College activities like Athappoo competition, Pulkoodu competition, Food Fest 2009, etc, and in the competitions connected with the Food Festival, they got second prize. Ms. Gopikavasanth U. V. of IDC Physics, got first prize in the essay writing competition conducted in our college, in connection with founder's day. She also got first prize in essay writing competition, second prize in recitation and third

prize in elocution competition held on 25/12/09 and 26/12/09 at Sivagiri Mutt Varkala in connection with 77th Sivagiri Theerthadanam celebration 2009 -10 and first prize in short story writing in the University youth festival held at Cherthalai.

Ms. Archana Sanal of final year B.Sc. Physics has participated in the two day workshop organized by Kerala University Union, in connection with International Astronomy Year, during 21-22 November 2009, held at Science and Technology Museum, Trivandrum.

Deepa Chandran, Final Year B.Sc. Physics has got **Gold** medals for Road massed Start and team pursuit in the *All India Inter University Championship* held at Patiala during November 2009. Vineeth V. of II DC Physics has successfully completed Basic Leadership Camp (SD) held on Wardha (Maharashtra) from 15th to 26th January 2010.

Four students of II DC Physics Sreegith S.G, Vishnu R., Maneesh M.P. and Roy D.S. have attended the seminar on Astronomy on 12th and 13th January 2010 in connection with the Annual Solar Eclipse , at Kerala State Science and Technology Museum, Trivandrum.

Department of Chemistry

Alternate solvents in Green Chemistry,

BIJIMOL S ,II M Sc Chemistry

GRAPHENE: MIRACLE MATERIAL OF FUTURE

ARYA.S,II MSc CHEMISTRY

FREE RADICAL THEORY OF AGEING & ROLE OF ANTI OXIDANTS

PRAVEEN.P.J, II M.Sc Chemistry

PROTEIN CRYSTALLOGRAPHY

RAHUL.A.R, I M.Sc. Chemistry

CARBON MONOXIDE- A STEALTHY KILLER

Niji Das,1ST MSc CHEMISTRY,

OPTICAL FIBERS

Athira V S, I M Sc Chemistry

Asymmetry and Nature

ANOOSH A S, III B.Sc CHEMISTRY,

Department of Botany

RHIZOFILTRATION -A NEW PLANTTECHNIQUE TO TREAT POLLUTED WATER

Vinod P H., I DC Botany

PHYTOCHEMICALS AND THEIR ROLE IN HUMAN NUTRITION

Jayaraj K., IDC Botany

IMPACT OF GMO ON ENVIRONMENT AND BIODIVERSITY.

Vignesh A P.,II DC Botany

PHYTOREMEDIATION OF HEAVY METALS

Vishnu S, II DC Botany

Department of Zoology

Arun, M.A. III B.Sc Zoology , presented a paper on “Impact of Modern food habits on Health” in the seminar conducted by the Zoology department in connection with Spectrum 2009. Suja, S. Nair of III BSc Zoology, made a talk on “Benefits of Vegetarian Diet” and Lohit V.G. II B.Sc Zoology made a talk on “Reduce Stress- Protect Yourself” on the same seminar. Remya G.R. II B.Sc Zoology presented a paper on “Role of Physical Exercise in Health”

Department of Geology

Clay Mining And It's Impact

Rejitha. R, III Dc Geology

GLOBALWARMING AND SEALEVEL RISING

SHAMNA, 3rd dc Geology

WITHDRAWAL OF GROUNDWATER FOR IRRIGATION,NORTH-WESTERN INDIA

Reshma Krishnan ,3rd DC Geology

STRATIGRAPHY OF QUILON FORMATION

VISHNU.S 3rd dc Geology

ARTIFICIAL RECHARGE OF GROUND WATER

Priyadarsini. G.S, III B.Sc Geology ,SNC, Chempazhanthy
STRATIGRAPHY OF WARKKALLAI FORMATION,

Rejin:BR III Geology

Wetlands and it's environmental issues: Case study in Kuttanad

Kannan J Prakash I DC

Department of Commerce

A study of Banking Nationalisation. Renjith R.S. III B.Com

Recent Trends IN Commercial Banking in India. Divya Soman S. III B.Com

Growth of E. Commerce in India. Nikul G. Unni III B.Com

Growth of Insurance Business in India. Shilpa Mohan III B.Com

Development in Mutual Fund Industry. Jayasree U. III B.Com

Indian Stock Market Growth Since 1980's. Shiny Lazar III B.Com

Microfinance Institutions. Suja S.S. II B.Com

Banking Ombudsman Scheme. Jeena R. II B.Com

A Study of Consumer Protection Legislations. Sayana S.V. II B.Com

Activities of various Committees/Cells/Clubs/Centers and Forums

Women's Study Centre

Under the auspices of Women's Study Centre our college organized a sponsored programme to create awareness about personality development, career development and Psychological problems of women from 19-8-2009 to 21-8-2009. The programme was sponsored by Women Development Corporation.

Dr.S.Sethulekshmi was the coordinator of the club.

Book Club

The activities of the Book Club during the year 2009-'10 commenced on 16-09-2009 with a meeting of the members of the club in the Library Hall. In the meeting, action plans was formulated according to which all student members as well as the staff members should meet in the Library Hall every Tuesday at 1: 15

pm and discuss current events. Classes were conducted and guidelines were given to promote the reading and writing skills among the students. Students were inspired and motivated by the classes of **Prof. G Asa, Prof. S Sudha** and **Smt. Sarika**. Some of the students presented their own poems which were given for publishing in the College Magazine. A quiz competition was conducted on 02/02/2009 and Prizes were awarded to the top scorers by the PTA secretary.

Sree Narayana Study Centre

Sree Narayana Study Centre conducted a seminar on first October 2009. Dr. C. Meera the head of dept; of history, S. N. College, Sivagiri, Varkala Delivered a talk on "Sree Narayana Guru the great financial adviser". Principal **Dr. M. Jeevanlal** presided over the function. Convenor of the club **Amala devi P.S** welcomed the audience and **prof. C.S. Ajikumar** extended the Vote of thanks. The club organized a competition for selecting the best singer At the Sree Narayana Higher Secondary School. The task was to sing "*Daivadasakom*" by heart. Prizes were distributed by the School Principal.

Music Club

Members of the Music Club brought in glory to the college many a times. 10 students of the Music club participated in the "*Octave 2009*" organized by St. Thomas College for Teacher Education and bagged two Ever rolling Second prizes for duet song and folk song.

Appu A. II BA English and Girish Mohan IIBA Psychology participated at *the "Cross roads 2010"*, a cultural festival organized by Mar Baselios College of Engineering and Technology;TVM. In that event Appu A. became a finalist.

In the Musical competition –Voice hunt- organized by College of Engineering Kariavattom Appu A. got first position and become '*Yuva 2010*'. He also secured second place in music competition conducted by SCT College of Engineering, Pappanamcode. He bagged the 3rd place in '*Voice hunt*' organised by P.A. Aziz College of Engineering and Technology, TVM. Appu also Participated in the '*Agneya*', a festival organized by the College of Engineering , Barton Hill.

Science Club

As part of National Science Day celebration (NSD 2010) sponsored by Kerala State Council for Science, Technology and Environment and the Department of Science and Technology, Govt of India, under the joint auspices of various faculties and Science club of SNC, a grand Science exhibition was organized on 24-2-2010.

Remedial classes

Besides the remedial classes of the various departments, the Department of English organized remedial classes for the final year BA/ B Sc students from 16-18 Dec 2009

Welcome to the First Year Students

The first year degree students were welcomed to the campus by the senior students on 21-8-2009.

All the Departments participated in the function.

Farewell to the Final Year Students

Farewell to the final year students were organized by the junior students on 23-2-2010.

All the Departments participated in the function.

Annual Athletic Meet

The Annual Athletic meet of our college was held on 21st January, 2010. Students, Faculty and Administrative Staff actively participated in the meet. Prizes and certificates were distributed to the winners.

Film Festival

This year also, the college union organized a two day film festival on 17-18 Feb. 2010 at Tagore Theatre, Trivandrum in which four films were shown.

Study Tours

All Departments of our College organized study tours this year only such places in Kerala having natural scenery/educational value and historical importance were selected for visit this time.

Social Exposure

Santwanam

10 students and three staff members viz **Dr. K.L.Vivekanandan,Dr.I.G.Shibi** and staff advisor **Sri.M.D.Ratheeshkumar** visited *Santwanam*, an old age home at Chackai run by the Kerala Govt; on the Christmas day. The visiting team could make a good rapport with all the inmates numbering about 100 and shared sorrow and joy with them. The members of the visiting team sang songs and in turn heard their songs as well. For all the inmates Dinner was served by the College. The experience was really touching one for all the participants.

The students of final & II DC of sociology department made a visit to Children's Home, situated at Poojapura, Tvm on 19th June 2009. It was a Heart throbbing experience. The probationary officer gave a wide explanation about the institution and its policies. The students got a very unique opportunity to know the heart beats of the society where we live.

Release of Department Magazine/Journal

The Department of Sociology released a magazine "NEELAMBARI" on 12-Nov-2009

It was released by our Principal **Dr.M Jeevan Lal** by handing over to Dr. James Vadakumchery. Mr.Anoop.M of IIIDC was the Chief editor and designer of the magazine.

The Department of History released her prestigious journal HISTORIA on 25-9-2009.

It was released by our Principal **Dr.M Jeevan Lal** by handing over to **Dr. K L Vivekanandan**, Member,Syndicate,Kerala University.

Community Development Programme

The Department of Sociology has created an ever lasting record in the history of our college. A Success seminar was conducted for the students of near by school and for the students of other departments. It was named as "WAY TO SUCCESS". It was a programme of the students, by the students, & for the students. It created a positive wave in the thinking pattern of both students and the teachers. It showed the potential of the students of sociology.

Sociology Association

Inauguration of Sociology Association of the current academic year was held on 29-1-2010. Mr Noble Miller, Director HRDC inaugurated the function. He delivered a speech on 'Value based life and its challenges'. **Dr. M Jeevanlal**, principal, presided the meeting. Felicitators were **Mr. C.S. Ajikumar**(PTA Secretary), and R. Ratheesh,(College Union Representative). **Dr. B.Jayasree**, H.O.D,Sociology,welcomed one and all and vote of thanks was extended by **Mr Amal Kumar**, Guest faculty.

Alumni Association

The Sociology Alumni "SACSHI" met on October 2, 2009. Rtd. Teachers and old students gathered and shared the love and concern for each other. The rank holders were honored for their dedicated effort.

The Alumni meet of the Department of Psychology was conducted on 9th January 2010

Scholarships

This year names of 70 students were proposed from the college for University Merit Scholarship. 14 students were selected for Suverna Jubilee Scholarship. 2 students wereselected for Hindi Scholarship. 104 students will receive the benefit of Post-matric Scholarship for Minority students.

Five students will receive State Merit Scholarship-Vinnichandran -1st DC Sociology; M.Dhanusha -1st DC Physics; Niji Das , Nishana R. and Mumthas R.B – 1st M.Sc Chemistry.

COLLEGE OFFICE

In spite of all limitations including the shortage of staff strength, the routine work of the office could be executed smoothly.

The long pending arrear bill of the Teaching staff members was submitted to the Dy. DCE's office with the full help and support by Teaching staff namely **Sri. T.N. Manohanran**, HOD of Chemistry. The work behind the preparation of the bill was very strenuous and the full credit goes to the above teacher. This year the fee concession of students from Harijan Welfare department is routed through E-Grant Scheme. The works related to that scheme was also executed successfully. The stipend to SC students and OEC students and ST students are also being issued. The fee concession to OBC students, KPCR students are also sanctioned by the Harijan Welfare Department. Unprecedentedly, so many scholarships have been sanctioned to students this year. University merit Scholarship, State Merit Scholarship, Post Matric Scholarship to minority, Suvarna Jubilee Scholarship, Scholarship to the Single girl child, Hindi Scholarship etc.. The one scholarship to be taken specially is that the post matric scholarship to the minority students. The strain and the stress in connection with the invitation of applications, and the process of sending the same were solely taken by **Dr.A Shaji**, Lecturer in History. The cooperation extended by the teacher is praiseworthy.

This year 2 members of non - teaching staff is going to retire from / service. Sri. K. Sudhakaran, Peon and Sri. V.A. Mariappan, Lab. Assistant.

Farewell Meetings of Teaching Staff

Eight faculty members are retiring from service on 31st March 2010 after their meritorious services in various colleges under S N Trusts

1. **Dr.S.Satheeschandran** - Department of Commerce

- | | |
|---------------------------------|-----------------------------------|
| 2. Dr.P.G.Sobhana Devi | - Department of Physics |
| 3. Smt.V.R.Rajalakshmy | - Department of English |
| 4. Smt.R.Lathika | -Department of English |
| 5. Smt.Reeta Vijayakumar | - Department of English |
| 6. Smt.G.Asa | - Department of Malayalam |
| 7. Smt.Soja Madhavan | - Department of Political Science |
| 8. Sri.P.K.Viswanathan | - Department of Chemistry |

Feed Back

Feed back forms were issued to final year UG students and final semester PG students to provide information in respect of student's campus life and college administration. Based on the analysis of the information, necessary steps have been taken by the authorities at various levels to improve the quality of education and administration. Student's evaluation of teachers was also carried out as a part of the present effort for quality improvement.

Conclusion

Performance rendered by us in Curricular and Co-curricular activities during 2009-2010 is commendable. Students of our institution were capable enough to secure good results in many subjects this year, compared to previous years. Also, they were successful in achieving higher average than the university average. Our college was successful enough in acquiring 5 ranks [one second rank and four third ranks] which should be highly appreciated. In the arena of Athletics and Aquatics our students have set records in University Meets. 104 students got post-metric scholarship for religious minorities this year. The Post Graduate Departments of History and Chemistry have completed all the formalities for elevating their status as Research Departments this year. An Add-on course on 'Tourism and Travel Management' is sanctioned to the P.G.Department of History. We earnestly strive hard to inaugurate the women's hostel at the earliest.

I take this opportunity to thank the management, teaching and non-teaching staff, students and parents for their immense support and sincere help for the better performance of the college. I am grateful to the Almighty for his grace and blessings that has been showered on us to complete our mission successfully. With the blessings of the great guru Sree Narayana, let us continuously strive for more victory and excellence.

Thanking you,
Dr.M.Jeevanlal

Chempazhanthu

30-3-2010

Principal