

Christian College, Chengannur

Report of the Activities during 2014-'15

One more academic year has come to a smooth end with the grace of God Almighty who has guided us fruitfully through the last 50 years. Only with a grateful heart can anyone stand before this dais to present this report of the activities we have been able to conduct in this campus during this Golden Jubilee year of our inception. At the outset, may I express our gratitude to our patron The Most Rev. Dr. Joseph Mar Thoma, and our Manager, Dr. Zachariahs Mar Theophilus Suffragan Metropolitan who have been gracious enough to support us and guide us through their precious daily prayers, timely advice and love. We are also thankful to the former and present members of the Governing Council, especially to Sri. Jogi Cherian, our former Treasurer, and Sri. T.T.Thomas, our present Treasurer, for their whole hearted co-operation and timely support in getting many of our dreams come true. May our Gracious God help us in traversing the paths ahead to reach greater heights!

Programmes Offered

Our College offers nine Under Graduate courses and five Post Graduate courses. We have obtained sanction from the UGC to conduct two career oriented courses –one in the department of Botany and the other in the department of English. Besides these, every department offers short term add on certificate courses for the benefit of students.

Staff

At present the strength of the teaching staff is 55 and that of the Administrative Staff is 31. Though new courses like M.Sc. Zoology and B.Com have started during 2013-14 and 2014-15 respectively, posts have not been sanctioned. This lack of ours has been compensated amply with the love and support of eight guest faculty appointed by the Management.

Three members of the regular faculty have gone on FDP and their work is effectively being discharged by Substitute lecturers appointed by the UGC.

Smt. Bindu John is re-appointed in the Dept. of Malayalam, Smt. Linchu Elizabeth Samuel and Sri. Jim Chacko are appointed as Assistant Professors in the Departments of Economics and Physics, respectively. Sri. Sunny Titus has joined the family of Christian College as Last Grade Staff. This academic year saw the promotion of Dr. Achamma Alex as Principal, and Smt. Beena Rachel Thomas, Smt. Elizabeth Varghese and Smt. Shalini Rachel Varghese as heads of the departments of Physics, Economics and English, respectively. However, with deep sorrow we accept the retirement of four of our Professors—Smt. Beena Rachel Thomas, Smt. Elizabeth Varghese, Smt. Anna Kushy Jacob and Sri. Thomas P. Thomas, and three of our Administrative Staff—Sri.P.V.Cherian, St. T.T.Mariamamma and Sri. Thomas Cherian, who have proved their efficiency in their own fields. Christian College family is deeply indebted to each one of them and we wish all of them a blissful and fruitful retired life.

University Examination Results

Our college has secured good results at the UG & PG levels in the University Examinations. Sreedevi R, has secured the Third, Saranya Salim the 8th and Archana the 10th positions in M.Sc. Analytical Chemistry, examinations of University of Kerala in 2014.

I congratulate all members and staff for their sincere and committed work.

M.A./ M.Sc. Results of IV semester University Examinations - 2014

(2012 Admission)

Subject	Total Appeared	Third Rank	First Class	Second Class	Third Class	Sem Pass	Total Pass	% of Pass
English	13	--	7	4	1	1	13	100
Economics	15	--	5	3	--	3	11	73.33
Physics	13	-	11	-	-	-	12	92.30
Analytical Chemistry	10	1	7	-	1	1	10	100.00

B.A. Results I of VI semester (Course Pass) April 2014 University Exams – (2011 Admission)

Subject	Total Appeared	Grade A (above 3.5)	Grade B2.5 To 3.49	C1.5 to 2.49	Total Pass	Percentage of Pass
English	37	1	19	7	27	72.97%
History	34	--	4	13	17	50%
Economics	46	--	3	22	25	54.34%

B.Sc. Results I of VI semester (Course Pass) April 2014 University Exams – (2011 Admission)

Subject	Total Appeared	Grade A (above 3.5)	Grade B2.5 3.49	C1.5 to 2.49	Total Pass	Percentage of Pass
Mathematics	37	--	16	8	24	64.86%
Physics	25	--	18	3	21	84.00%
Chemistry	28	--	12	3	15	53.57%
Botany	36	--	13	9	22	61.11%
Zoology	33	11	10	21	63	63%

Internal examinations for continues evaluation is conducted regularly and PTS meetings are duly held.

Commencement of Classes and Orientation Programmes

The academic year began on 2 June 2014 after the summer vacation. A special counseling class by Rev. Abraham Zachariah was arranged on that day. The first year B.A/B. Sc./B. Com classes began on 30 June 2014. On that day a special talk by Dr. George Samuel (Navajeevodayam) was organized for students as well as their parents. Apart from these, every department arranged orientation programmes for the benefit of their students.

Christian College Fellowship

The activities of CCF were inaugurated by Fr. Youhanon John on 12 August 2014. Morning worship is held at 9.00 am every day in the college chapel under the guidance of Dr. Desy P. Koruthu (Department of Chemistry) and Sri. John George Athyal (Department of English). Alex Mathew of DC I History and Allen P. John of DC II English served as the President and Secretary of the organization respectively. Rev. Renju Philip, Rev. Vinod Babu and Rev. Prem T. Mathew serve as Student Chaplains. As part of the Golden Jubilee celebrations of the college, an Intercollegiate Christmas Carol Competition was organised on 30 December 2014. St.Thomas College, Kozhencherry and Mar Thoma College, Ayur, won the first and second prizes respectively. Prizes were sponsored by Prof. Jacob George and Dr. Achamma Alex in memory of their parents. There was an inter-department carol competition on 11 December 2014. Department of Zoology and Department of English won the first and second prizes, respectively. The Christmas Carol service was held on 18 December 2014 in the College Chapel. Fr. Jose Maria Das delivered the Christmas message. A two days camp with the theme, "Search for the last, least and lost" was organised in the College Chapel on 6 - 7 March 2015. Fr.Youhanon John, Smt. Omana Mathew and Sri. Lowin Cherian were the resource persons. 44 students attended the camp.

As part of the International Cultural Exchange Programme of the German SCM, 18 students from Germany under the leadership of Rev. Michael visited our college for deliberations on 12 March 2015. Twenty students from our college participated in the various camps organised by SCM, Kerala Region. Four students participated in the 'Nilpu Samaram' of S.Janu, the Adivasi leader, to express our solidarity towards them. Nibin K.Saju of DC III English attended the National Conference at Bangalore on 6th and 7th March 2015, organised by the National SCM.

Parent Teacher Association

The parent teacher association has always been a source of support for the college. Class wise PTS meeting are conducted once or twice during every semester to discuss the general conduct and academic performance of students. It is noteworthy that around 95% of parents turn up for these meetings. We are grateful to all parents, Mr. K. Thomas Mammen (President) and other committee members.

Alumni Association

The Executive Committee has met thrice during this academic year to discuss their plans to make the Golden Jubilee celebrations, a success. As usual, this year also, the alumni conducted light music, recitation, elocution competitions for students and gave away cash prizes to the winners. The Golden Jubilee Alumni Meet on 22 October 2015- Deepavali Day—was inaugurated by Mr.K.K.Balachandran I.P.S. The gathering felicitated three of the prominent alumni: Rev. Oommen Philip (Mar Thoma Sabha Secretary), Dr. B. Venugopal (Gastro-Enterologist, KIMS, Thiruvananthapuram), and Mr. Saji Thomas (United Nations). The alumni has been instrumental in getting the UNAI Chapter inaugurated in our college. The Alumni and the Governing Council took all efforts to organise a get-together of the Alumni-Clergy on 16 February 2015. The Kuwait Alumni is funding towards the Golden Jubilee “Snehakkoodu” project—construction of houses to deserving, homeless students in our college. The Kuwait, UAE, Doha, USA chapters of the Alumni Association are actively functioning and the alumni visit our campus when they are on leave in Kerala. The endowment instituted in memory of Shafi, Alumnus, was disbursed by his friends and well-and wishers on 29.01.2015.

Library

The college has a fully automated library that uses the software “Libsoft”, with a collection of 29296 volumes including text books and bound periodicals. The library subscribes to 50 periodicals and 20 journals. The library offers Online Public Access Catalogue (OPAC) and also the bar code facility for easy detection and circulation of books. The library avails Infflibnet facility of UGC that gives access to more than 3000 e-journals and nearly 90000 books. This year’s stock verification was done under the Chairmanship of Prof. Elizabeth Varghese. CCTV (with 8 cameras) facility is installed in the library with UGC support to watch and make sure that the facilities provided are properly being used by the stakeholders.

Memorial Lecture

The second Very Rev. A. A. Pylee memorial lecture was organized by department of History on 22 February 2015. Adv. A . Jayasankar was the guest speaker.

Research Activities

The syndicate of University of Kerala took the decision to raise the post graduate department of Physics to a research department 09.05.2014. The formal inauguration of the research department and B. Com Course was on 22.08.2014 by Sri. Vishnunath, M. L. A in a meeting presided over by the manager.

Three of our teachers—Smt. Preetha Karanavar (Dept. of Zoology), Smt. Alka E. Varghese, Smt. Suby Elizabeth Oommen—are full time research scholars under the FDP of UGC. Smt. Tresa Mary Chacko (Dept. of Mathematics) has been sanctioned FDP for completion of Ph. D. The minor and major research projects taken up by other teachers are:

- 1) Nirmala Varghese: Minor Research Project (**Ongoing**) *Rethinking the Concept of Diaspora in a Globalization World: A Study of Novels by Rohinton Mistry.*
- 2) Basil Thomas: Minor Research Project (**Ongoing**) *The Transfiguration and Metamorphosis from Print to Screen: Analysing the Relevance of Newly Designed Syllabus of Film Studies of University of Kerala.*
- 3) Dr. Anej Somaraj: Minor Research Project (**Ongoing**) *LIFE Skills Training for Life: Developing a Course Supplement for Augmenting the FDP in English of University of Kerala.*
- 4) Thankam K.Abraham: Minor Research Project (**Proposal Accepted**) *Interplay of Feminism and Theatre: A Study on the Selected Works of Girish Karnad, Vijay Tendulkar and sajitha Madathil.*
- 5) Leena Liz Mathew: Minor Research Project (**Proposal Accepted**) *The Emotional Trauma of the Family Members of Mentally ill People: A Study on the Selected Works of Timothy Findley.*
- 6) Jolly Alex: Minor Research Project (**Proposal Accepted**) *Mainstreaming the Subaltern: Mapping the Subjugation of the Travancore Dalits in the Missionary Writings of Robert F.Cook and Samuel Mateer.*
- 7) Dr. Fijesh P. Vijayan: Minor Research Project (**Proposal Accepted**)
- 8) Suby Elizabeth Oommen has completed a Minor Research Project on *Effectiveness of Public Health Centres in Kerala, A Case Study of Pathanamthitta District.*
- 9) Dr. Johnson Baby and Dr. Annies Joseph: Minor Research Project (**Proposal Accepted**)
- 10) R.Jayakrishnan: Major Research Project. *Investigation on the Cu₂O/In₂S₃ Solar cells using scanning tunneling microscopy*
- 11) Dr. R. Jayakrishnan: Major Research Project. *Effect of size quantization on solar cells*
- 12) Dr. Hysen Thomas: Minor Research Project. *Oblique angle deposition of soft magnetic thin films*
- 13) Dr. Vinoy Thomas: Minor Research Project. *Synthesis & characterization of metal nano particles doped sol gel glasses.*
- 14) Dr. Tiju Joseph Mathew: Minor Research Project. *Response of the equatorial F-Region ionosphere to geomagnetic activity.*
- 15) Dr. Hysen Thomas: Minor Research Project (IUAC, New Delhi). *SHI Irradiation studies on Zinc and Cadmium Ferrite Thin Films to Investigate the possible Origin of Magnetism in Disordered Zinc Ferrite Systems.*
- 16) Sujesh Baby: Minor research project *Studies on Lewis base modulated coordination polymers and its application.*
- 17) Rekha Unni.: Minor research project. *Anticancerous properties of selected bioactive compounds found in Saraca Asoca and Caesalpiniaceae through phytochemical screening.*

- 18) Dr. Rani Abraham: Major Research Project. *Development of low cost adsorbents and catalysts from waste biomass fly ash (DST project).*
- 19) Dr. Rani Abraham: Major Research Project. *Metalic Nanoparticle: Biogenic synthesis and their catalytic and antimicrobial application.*

Student Projects

- 1) Dr. Jacob George: (KSCSTE, TVM). *Pattern Formation in Reaction Diffusion Systems.*
- 2) Dr. Hysen Thomas: (KSCSTE, TVM). *Soft Magnetic Co-Fe films for Applications*

Research Publications

- 1) Shalini Rachel Varghese: ***"Ambivalent Selfhood-Locating the Space of the Women in Indian Television Advertisements."*** *Kerala Sociologist: Journal of the Kerala Sociological Society*, Vol. 42. No.2. (ISSN 0975-8933) 2014.
- 2) Nirmala Varghese: ***"Cultural Space of the Diasporic Writer: A Study of Novels by Rohinton Mistry."*** *Labyrinth* Vol.1/ No.1 (Jan 2015). ISSN 0976-0814.
- 3) Basil Thomas: ***"The Transfiguration and Metamorphosis: Analysis of the Newly Designed Syllabus of Film Studies in University of Kerala."*** *Journal of English Language Teacher's Interaction Forum, ELTIF*, Vol.V.2 (April-june 2014) ISSN 2230-7710
- 4) Jisha John ***'Technological changes in Marine fishing and livelihood threats of fisherfolk'***, *Journal of Studies in dynamics and change*, (ISSN-2348-7038) Vol I Issue I May 2014.
- 5) Jisha John, ***'Technological Modernisation and its impact on environment and livelihood'***, in V.Mathew Kurien and Jisha John (eds) *Kerala Economy and its emerging issues*,SPCSLtd, National Book Stall ,Thiruvananthapuram(ISBN978-93-84571-11-5)
- 6) Susan Abraham and Biji Abraham, ***'Direct and Indirect benefits of paddy wetlands: The Hidden cost'***, *Journal of Aquatic Biology and fisheries* (ISSN 2321- 340X)Vol2, Issue2 ,2014 pp781-786
- 7) Susan Abraham, Arya P and Biji Abraham, ***'Estimation of the economic value of Thenmala Ecotourism Park'*** in Bijukumar ARajendran,P.G and Peetambaran,C.K (eds) *Perspectives on Biodiversity of India* Vol I, Centre for Innovation and social Action(CISSA) and Southern Book star, New Delhi,pp 188-195
- 8) Linchu Elizabeth Samuel and Suresh Mathew George, ***'Disability Management: Need to empower the women carers'*** *Global Research Review*,(ISSN 2250- 2521) vol 4, Issue3, Sep2014, pp15-18
- 9) Linchu Elizabeth Samuel, ***'Budget, Oru pennpaksha vayana'***, *Malayala Manorama,daily* ,2nd March 2015.
- 10) Rajesh R ***"Plantation Workers in Kerala, an Inter-sectoral analysis based on Standard of living and Quality of life"***, *International Journal of Economic Issues(IJEI)* July-December 2014.

- 9) **T. Hysen**, P. Geetha, Salim Al-Harhi, I.A. Al-Omari, R. Lisha, R.V. Ramanujan, D. Sakthikumar, D.K. Avasthi, M.R. Anantharaman ***Effect of 100 MeV Ag⁺⁷ ion irradiation on the bulk and surface magnetic properties of Co-Fe-Si thin films***, *Journal of Magnetism and Magnetic Materials* [372](#), December 2014, Pages 224–232
- 10) J. Thomas, A. V. George, T. J. Mathe, **V. Thomas**, ***Fluorescence studies of Dy³⁺ ion in sol gel silica***, *Asian Journal of Chemistry* 27 (5) (2015) (In press)
- 11) **V. Thomas**, H. Thomas, R. G. S. Sofin and N. V. Unnikrishnan, ***Spectroscopic studies of Nd³⁺ in sodium bismuth silicate glass***, *SQUJS* (2015) (in press)
- 12) **Jim Chacko** and Goutam Tripathy ***“Interacting particles in disordered flasing rachets”*** *Indian Journal of Physics* DOI 10.1007/S12648-015-0660-5
- 13) Pramod Gopinathan Nair, Swathi Vijayakumar, V. Nair, **Teena Lis Luke**, M.Sunil Paul Mathew, C.T.Aravindakumar. ***“Degradation of Dyestuff Pollutant Sudan I Using Advanced Oxidation Process.”*** *J.Water Resource and Protection* 2014, Vol 6, 1276-1283.
- 14) **Rani Abraham**, Sanal S., Jacob Thomas, Jacob George, **Desy P. Koruthu**, Manivarnan K. ***“Silica nanoparticles Synthesized from Boiler Spent Ash: Value Addition to an Industrial Waste.”*** *Chemistry & Materials Research*, Vol 6, No.6. 2014.
- 15) R.Nath, M. Padmanabhan, **Sujesh Baby**, A. Thirumurugan, D. Ehlers, M. Hemmida, H.A. Krug von Nilda, A.A. Tsirlin. *Journal of Physical review B*, 91 054409, 2015.
- 16) D P Koruthu, manivarnan N.K. and R. Abraham. ***“Green Synthesis of Silver nanoparticles using Adhatoda Vasica leaf extract and evaluation of their catalytic activities.”*** ADMAC I, ISBN Number 978-93-5196-302-8.
- 17) Sujesh Baby: Spectroscopic and thermal studies” ADMAC I, ISBN Number 978-93-5196-302-8.

Participation and Presentation of Research Papers in National/ International Seminars/ Workshops

1. **Dr. Sunila Abraham** attended and presented a paper entitled “Design ,synthesis and vibrational spectroscopic studies of nonlinear optical crystal L-histidine Potassium Chloride” in the 5th International Conference on Perspectives in Vibrational Spectroscopy (ICOPVS-2014) held at Mar Ivanios College, Thiruvananthapuram from 8-12 July, 2014.
2. Dr. Tiju Joseph Mathew participated and presented a paper entitled” **Response of the equatorial ionosphere to geomagnetic activity**” in UGC sponsored national seminar held at St. Peter’s College, Kolenchery, 14 August 2014
3. Dr. Tiju Joseph Mathew participated and presented a paper North south asymmetry of different solar activity features, Anju P Nair, Aswathy J, Alakananda P and Tiju Joseph Mathew, Proceedings of the UGC sponsored National Seminar on Advances in Geophysics, Space & Atmospheric Research “AGSAR”, pp 150-157, 2014.

National/ International Seminars/ Workshops Organised

1. **Department of Chemistry:** National Seminar on *Advances in Materials Chemistry* (sponsored by UGC supported by KSCSTE in collaboration with Academy of Chemistry Teachers) organized on 15.10.2015-17.10.2015 with Dr. Rani Abraham as convenor.
2. **Department of Zoology:** UGC sponsored Workshop on *Advanced Techniques in Life Sciences* for Higher Secondary School Teachers from 24 – 25 October 2014.
3. A One day seminar on *Genomics* by Dr. Mohan Kumar, Director SCMS as part of National Science Day Celebration of 2015 sponsored by KSCSTE and DST (Government of India)
4. **Department of History:** A Two day National Seminar sponsored by UGC on *Caste Structure in Kerala and its Changing of Trends* from 29 - 30 January 2015.
5. **Department of Economics:** A three day UGC and NABARD sponsored National Seminar on *Sustainability of Kerala Development: An Alternative Approach in the Context of Emerging Kerala Model* from 4 - 6 February 2015.
6. **Department of Mathematics:** A regional seminar on “*GeoGebra*” on 13 November 2014.
7. **Department of English :** UGC sponsored National seminar, *Re-inventing and Recasting the Praxis of Globalization* from 4 – 6 December 2014.
8. **Department of Physics:** A one day seminar by P. Radhakrishnan, former director, LPSC on *Human Space Exploration* on 08.10.2014. Allen Mathew an alumini and research Scholar in Germany gave a talk on *Prospects of Pursuing Higher Studies in Physics* on 08.01.2015.

Department of Economics, English and History conducted competitions in Research papers, which were open to students of our college as well as other colleges. Almost every department organized Quiz Programmes and other academic programmes for the benefit of their students.

Consultancy Services

Dr. Hysen Thomas and Dr R. Jayakrishnan serve as expert committee members for implementing Core banking at Mallappally Service Co-operative bank.

Dr. Vinoy Thomas served as Visiting Faculty Position at Sultan Qaboos University, Oman from October 2013 to July 2014. Dr. Vinoy Thomas and Dr. Hysen Thomas serve as Question Setters for S. B. College, Chenganacherry and S. H. College, Thevara.

Add On Courses

Dr. Anej Somaraj of the Department of English serves as the coordinator for the conduct of add-on courses. The Accounts Society of Travancore has been conducting a one year Diploma Course on Accounts Training for B.Com students. Department of Mathematics is conducting an add-on course in

LaTeX programming. Botany Dept. is running a course on Mushroom cultivation. Economics Dept. gives an add-on course in Computer to their students.

Remedial classes

These are effectively being run under the supervision and guidance of Dr. Johnson Baby, Head of the Post Graduate Department of Zoology.

Study Tours/Pleasure Trips

Dept. of Mathematics visited Wynad; Dept. of English—Wagamon, Munnar; Dept. History—Wynad; Dept. of Zoology—Mysore, Wynad; Dept. of Physics—Athirapally, Malampuzha; Dept. of Botany—Ootty, Mysore; Dept. of Chemistry—Ootty, Coimbatore.

Sports Club of the College undertook a trekking Programme to Arippe, near Kadakkal, Kollam District. M. Sc. Zoology students visited Sakthikulangara and Needakara fishing harbours for specimen collection September 2014. Spider survey and Bird survey were conducted by the department of Zoology on 02.02.2015.

Scholar Support programme (SSP)

This programme aims at extending additional support to needy students is successfully implemented at the UG level under the co-ordinatorship of Sri. Basil Thomas, Dept. of English. This programme ensures timely assistance in terms of tutorials, additional lectures, interactive sessions, question banks and study materials. The classes are handled by Sri. John George Athyal, Dr. Rani Abraham, Dr. Tiju Joseph Mathew, Dr. Biju Thomas and Smt. Tresa Mary Chack

Walk with a Scholar (WWS) programme

This programme has Dr. Susan Abraham as its co-ordinator, and Jishnu S. Nair and Taniya Ann Varghese as Student Convener and Co-convener, respectively. The 30 bright students selected from among the I Year B.A./ B.Sc. batches are grouped into five groups. Each group is put under a mentor and they are trained in mastering life and job skills. Dr. Vinoy Thomas, Dr. Annies Joseph, Dr. Rani Abraham, and Dr. Anej Somaraj serve as mentors to different groups. Dr. Susan George, RIMS, Pandala, a JCI National Trainer, conducted a 5 hour full day session on Saturday, 31st January, 2015 on *Critical Thinking, Goal Setting* and *Stress Management*. Dr. Nelson P. Abraham, trainer and Associate professor, Department of Zoology, St. Thomas College, Kozhencherry conducted a four hour training session on Soft Skills Development highlighting on '*Knowing Oneself*' and *Identifying Positives and Negatives in Oneself*' on Saturday, 28th February, 2015.

Career Guidance and Placement cell

The Career Guidance and Placement cell of Christian College plays a vital role in empowering the student community by way of providing training and securing jobs. The club conducts classes regularly, where students are given rigorous training on various topics like Coding and Decoding, Arithmetic Reasoning, Analogy, Logical and Verbal Reasoning, etc. Reputed companies like Reliance, MRF, and TCS,

IDBI Bank, Catholic Syrian Bank, have recruited our students through campus selection. Veena S., III DC student in Physics gets placement in Tata Consultancy Services as system administrator in programming and software development. Promotional and motivational classes of various institutions like Educomp Raffles Higher Education, Indian Institute of Logistics, Accounts Society of Travancore etc. were organized during the academic year 2014-15.

N. S. S.

The two N.S. S. Units of our college are functioning effectively and meaningfully under Sri. Koshy Mathai (Department of History) and Dr. Abhilash R.(Department of Zoology) A *Hands on Training* on Traffic Rules was arranged for the students in association with IMA, Chengannur Chapter from July 14-18, 2014. A seminar on Corruption and its effect on Indian Society was organized as part of Anti corruption day. A poster exhibition was also arranged on the same day. The NSS Programme Officer Dr. Abhilash R. and Volunteer secretary Christy Koshy John participated in the NSS National Adventure Camp held at Manali, Himachal Pradesh from Oct. 9-19, 2014. A flood relief fund to aid the Kashmir flood affected people was raised by the volunteers and the same was handed over to the NSS programme co-ordinator of University of Kerala in November. The seven day annual camp for the year 2014-15 was organized at GHS Puliyoor. Projects related to nature conservation, agriculture promotion and health awareness were carried out as part of the camp. A signature campaign against corruption was organized and the banner was handed over to the firm which is going to submit the same to the honourable President of India. Cleaning of a temple pond near Chengannur Railway station as part of the World Wetlands Day 2015 programme was arranged on February second week. An Anti drug and blood donation campaign was organized on the third week of February in association with Blood Donation Cell.

Debate Club

The Debate Club of the College functioned regularly and systematically with its weekly meetings held every Tuesdays from 1:00 pm to 1:30 pm. Krupa Susan Mathew was elected as the Club Student Convener with Neetu M. (Economics), Anju T.M. (History), Aswathy Sivan (Zoology) and Amal Raj (English). as Ddepartment-wise student representatives. Kaveri Hari of DC II English received the third prize and a cash award of Rs.2000/-in the essay competition organized by the Silk Mark Organisation of India on the topic 'Natural Silk and Silk Marg: An Environmental Friendly approach'. The Club hosted the *Speak for Kerala Debate Competition* organized by Federal Bank in association with Malayala Manorama on 15th October 2015. Jerin Ann Koshy of PG I (English) and Ragin Raj of PG II (English) secured the first and second places respectively. Sreelekshmi R. Nair of DC II (Botany) has participated in various competitions organized by various institutions and secured two first prizes in Essay Writing Competitions, two first prizes and a second prize in Elocution Competitions and a first prize in quiz competition.

- She secured the first prize in the Essay Writing Competition (topic: Way to Sustainable Development) and second prize in the Elocution Competition (topic: Green Politics) organized by the Department of Forest and Wildlife, Government of Kerala in connection with the Wildlife Week Celebrations from 1st to 3rd October, 2014.
- She secured the first prize in the quiz competition and first prize in the Elocution completion organized by the Department of Handloom, Government of Kerala at Chengannur Block Panchayat in connection with *Samarthi 2014-15* Handloom Fest on January 9th, 2015.
- She secured the first prize in the Essay Writing Competition organized by *The Sukumar Azhikodu Smaraka Vichara Veedhi* on 18th January, 2015.
- She secured the first prize in the Elocution completion organized by S.N. College, Ala and sponsored by Kerala State Council for Science, Technology and Environment in connection with The National Science Day Celebrations on 19th February, 2015.

UNAI—ASPIRE

The United Nation's Academic Impact (UNAI) has initiated the programme known as ASPIRE (Action by Students to Promote Innovative and Reform through Education). Our college has become the first college in the University of Kerala to be conferred with the UNAI membership. The chapter was inaugurated on 31 October 2014 in a meeting presided over by our Manager Dr. Zachariahs Mar Theophilus Suffragan Metropolitan. The chief guest of the day was Mr. Saji Thomas from the Department of General Assembly and Conference Management, United Nations. He addressed the students on "Initiatives by Academic Institutions" on the same day. The Co-ordinator of the Chapter, Smt. Linchu Samuel of the Dept. of Economics, has successfully organised an essay writing competition on "Relevance of the Universal declaration of Human Rights" on 10 December 2014, the World Human Rights Day. A seminar was also organized for the benefit of students on that day when Dr. George K. Alex and Dr. Biju Thomas spoke at length on the need to promote human rights in different walks of life. On 23 March 2015 Sri. Anson Thomas, social activist and founder member of *Navajeevan*, Mumbai that rehabilitates women and children from the Red Streets of Mumbai enriched students with real life experiences.

Sports Activities

College Cricket, Football, Kabaddi, Volleyball, Badminton (Men and Women) Wrestling teams participated in Intercollegiate tournaments. Anandu Sasi S. of I B. Com was a member of Junior State Wrestling team. Anoop R. of II DC Economics was a member of Alappuzha District Volley Ball team. Department of Physical Education successfully conducted the Golden Jubilee Cricket Tournament for the second time 08 to 19 March 2015. Christian College won the trophy for the second time. The staff and students actively participated in Run Kerala Run Programme conducted in connection with the National games 2015 on 20 January 2015. Prof. Ruby Mathew served as technical official in the 31 National Games held in Kerala from 29 January to 15 March 2015. Practice Matches for cricket teams were regularly conducted with the teams of neighbouring colleges.

Women's Study Unit

The Women's Study Unit had a vibrant and active term under the guidance of Smt. Thankam K. Abraham of the Department of English which began with a campaign programme conducted by World Red Cross Association. The unit has conducted awareness campaign regarding the safe and hygienic use of toilets among women students and has arranged a provision of sanitary napkins in Women's waiting room and incinerator for destroying soiled napkins. The unit members attended all classes arranged on stress management, budding and grafting and counseling. The debate on "Need for Dress Code" saw heated exchange of ideas among the members. The members participated in a seminar on "Women and Environment Conservation" on 23 September 2014, and they attended a UGC sponsored national Seminar on "Women and Cyber World-Imminent Threats and Innovation" organized by the Women's Study Unit of S.N.College, Chengannur on 10 February 2015. An invited talk by Dr. Sebin on "First Aid" was organized in association with the Health Club on 26 February 2015. The unit could also successfully conduct competitions in poetry writing, essay writing, flower making and ornament designing in connection with the observation of International Women's day. The International Women's Day was celebrated on 9 March 2015 and Chief Guest Retired Professor Lalithamma, a social activist who toils for the betterment of women in society, addressed the students on many social evils like sexual harassment, sexual discrimination and the need to empower women. She introduced many possibilities that could make women financially independent so that they could support their families and societies.

Folk Lore/ Best Arts Club

This year's activities were launched with the campaign programme organised by World Red Cross Association. It took form of an organised group under Sri. Basil Thomas of the Department of English on 5 September 2014 as part of the Onam celebrations of the college. The members of the club served as volunteers for the successful conduct of the programme. Three members of the club participated in a three day workshop—"Samsthana Nataka Padana Sibiram" organized by Thapasya Kalasahitya Vedi at Mavelikkara from 10-12 October 2014. A seminar was arranged for the members on "Paristhithi Samrakshanam" on 23 September 2014. The students have prepared a manuscript magazine about celebrities in different fields of art and the articles are narrated from first person point of view. The club took the initiative to conduct a photography competition for the whole college and prizes were distributed to the winners. A workshop on "Theatre and Drama" by Nooranadu Suku (School of Drama) was also arranged on 7 March 2015.

Tourism Club

The club under the guidance of Dr. Jyothy Kanchan was inaugurated on 21 October 2014 by Sri.Pradeep C., Secretary, DTPC, Alapuzha. The co-ordinator and two students participated in the World Tourism Day celebrations at Alapuzha on 27 September 2014. They even attended another meeting of DTPC at Alapuzha on 12 February 2015. The 25 students were put into 5 groups. Of these 3 groups visited Krishnapuram Palace, Pandalam Palace and Aranmula Parthasarathy Temple. They prepared documentaries on these historical sites. Quiz competition was arranged for students from other disciplines and cash prizes are distributed to winners.

N.C.C.

The activities of the current academic year began on 15 August 2014 with the flag hoisting ceremony. Prof. Thomas P. Thomas, Head of the Department of Botany hoisted the flag at 8.30 a.m. The cadets participated in a rally organised by the Indian Medical association (IMA) on the same day. On October 2, cadets took part in the Cleaning and Awareness Programme conducted at Chengannur Railway Station by the Southern Railway, Chengannur. The cadets along with 10 Kerala (BN) NCC, Chengannur gave Guard of Honour to Kollam Group Commander, Brigadier Bony M. Mathew during his inspection visit to the college on 16 October 2014. Parade was conducted on 27 October 2014 in connection with the birthday of Sardar Vallabhai Patel. The second and third year cadets attended the 10 day Annual Training Camp at Nair Samajam Boys H.S.S., Mannar from 6-15 September 2014. Three of the second year cadets attended the 10 day training camp at SMHSS, Patharam from 19-28 December 2014. Smramadan was carried out by cadets of the college in connection with "Swatch Bharat Abhiyan" on 19 December 2014 and 25 January 2015. Cadet Lal S. attended the Special National Integration Camp at Jakli RC Srinagar from 12-23 June 2014. Cadet Jinu Thomas successfully completed the Para Basic Course conducted by Indian Army and Air Force at 1 Air Squadron NCC, Agra from 28 August to 30 September 2014. Cadet Mr. Jubin John attended the Republic Day Parade selection camp at DB College, Sasthamkotta from 6-15 September 2014. Cadet Siddharth Shankar attended the Army Attachment Camp conducted at Army Camp, Pangod, Thiruvananthapuram from 22 September to 16 October 2014. The second and third year cadets participated in the Weapon training classes at 10 Kerala (BN) NCC, Chengannur on 29 January and 4 February 2015. These 11 cadets have appeared for the "B" Certificate and 1 Cadet for "C" Certificate examination.

Biodiversity Club (ELA)

The activities of ELA (Eco Local Action) club began this year's activities by organizing a street show for students by a group eco-friendly people on 27 August 2014. The coordinator of ELA, Sri. Biji Abraham of the department of Economics, along with students took part in Save Varattar River Campaign to protest against encroachment and insensible developmental activities. The club members visited the social activists who were in dharna in Aranmula against the proposed Airport to express their solidarity and concern with those who fought against the wetlands and paddy fields that lead to and environmental biodiversity. On 23 September 2015 the Bio diversity club in collaboration with the Kerala Forest Department Social Extension Wing, Kollam, arranged the one day workshop on and "Medicinal Plants around us" and "Protection and conservation of Biodiversity for sustainable livelihood". The college has created a man made forest 'Shanthisthal' to create an artificial grove of rare, endangered species of plants. There are 71 varieties of plants in this area. The club in association with N. S. S. Units has installed a bio gas plant to show the management of organic waste. "Wetland on Wheels" a mobile exhibition supported by MoEF was organized by the Environment Research Centre of Ashoka Trust for Research in Ecology and the Environment in the campus on 15 January 2015 it explained the need to conserve local Wetlands and Bio-cultural Diversity. The club conducted the campaign against Pampa- Achen Kovil – Vaippar river inter-linking proposed by the NWDA. The Club in college in association with 'Thanal' an NGO based at Thiruvananthapuram has jointly conducted campaigns against Genetically Modified (GM) crops and the convenor of the club participated in the

parliament march held at Jandar Mandir, New Delhi. The volunteers of ELA club expressed their solidarity with Adivasis and Dalits in their struggle for land on 14 December 2014. They were fortunate enough to share a day with Medha Patkar who came to Thiruvananthapuram to empathise with the adivasis who were conducting satyagraha before the Government Secretariat. On 15 December 2015 an exhibition of terracotta jewelry was arranged in college to support the indigenous community from Raichur in Karnataka as part of their living and rehabilitation.

Nature Club

The club under the guidance of Dr. Rajan David, Department of Hindi, organized nature camps for members of the club at Nelliampathy from 13 December to 15 December 2014, and at Pampadumchola— the smallest National Park in Kerala—from January 10 to 12, 2015 to make them aware of the necessity conserving nature. Trekking and bird watching were arranged for students with the cooperation of Mr. Ranjith, the Forest Range Officer. The one day seminar on Elephants, 'Aana . . . Kazhchayude Kanapurungal' was organized on 28 January 2015. Sri. Chittar Anandan, Section Forest Officer, Social Forestry Wing, Konni, was the resource person. He explained the special features of this mammal and also the reasons for man-elephant conflict in different parts of Kerala.

Bhoomitrasena Club

The World Environment Day of 2014 was celebrated with the support of KSCSTE (Kerala State Council for Science , Technology and Environment) from 4 June to 6 June 2014 with various programmes like Green Cricket Carnival, documentary film festival, Harithasree tree planting project and invited talks with the focal theme "small islands and climate change". As part of the World Population Day, a creative writing competition on the topic, 'If death does not happen . . .' was conducted for students. The club celebrated this year's World Elephant Day in a colourful manner on 12 August 2014. A slide show on elephants, 'Elephantine Visuals', a spot quiz and some video presentations on elephants were arranged in this regard. In collaboration with 'Pamba Samrakshana Samithy' a one day seminar was arranged on 29 August 2014 on 'Interlinking of rivers and its effects on ecology'. The World Wetlands Day celebration of 2015 was organized in our college from 2 February to 14 February 2015. An invited talk by cine artist, Master Minon, breakfast with birds on a wetland, spider survey on the banks of river Pamba and various competitions for school/college students and cleaning of a wetland in Chengannur were some of the major activities taken up with regard to the celebration.

Health Club

Smt. Roshni Abraham (Department of Chemistry) functions as the co-ordinator of the club. The club organized various talk to make the students more health conscious. The members of the club conducted a Health Survey the student community on 20 Jan. 2015. Some of the talks arranged include Prof. Jolly Alex's class for the club members on stress management on 6 Feb. 2015, a Counseling class on 18 Feb. 2015 by Smt. Leena Liz Mathew, and Dr. Sebin George Abraham's (CMC Vellore) talk on First Aid on 25 Feb. 2015. An invited talk on *Life Style Disorders in Adult Female* was organized on 18.03.2015 by Dr. Sharmila Salim, Ayushprana, Kalady, Thirissur.

Counseling Unit

Dr. Desy P. Koruthu (Department of Chemistry), Dr. Jisha John (Department of Economics) and Smt. Leena Liz Mathew (Department of English) who are trained counselors help students who are in need of their help. Rev. Renju Philip, Rev. Vinod Babu & Rev. Prem T. Mathew, who are in charge of students' ministry, visit, inspire and motivated the student regularly. A counseling class by Rev. Abraham Zachariah was arranged first students on 2 June 2014- the first day of the academic year. Needy students meet the counselors during the noon interval in the counseling centre, which is attached to the meditation centre.

Extension / Social Extension Activities

1. History: The Caring Hands Programme of the Department provided Learning Materials, Hospital Aid and Financial Assistance to needy students.
2. Botany: Modified the existing lab to a high-tech class room come lab with facilities like LCD, smart board and OHP; an Orchard with Fruit trees and new potted plants are maintained. A botanical garden registered with the Bio-diversity Board is maintained by the Dept. Properly maintained Medicinal garden.
3. Physics: Organised a visit to Santhitheeram- A home for destitute on 19.12.2014.
4. English: Students of the department Angadical H.S.S on 20.02.2015 and conducted classes for Upper Primary students covering basic and functional concepts in grammar and IT. They visited the inmates of Govt. Hospital, Chengannur and distributed food packets.
5. Economics: Adopted EALP School, Angadical. The school was repainted, repaired and beautified. Outdoor play equipments like swing, slider, climber etc. were provided for children, premises were cleaned, a garden was set up and books were collected to set up a school library.
6. NSS: A house was constructed with the money collected by the students to a needy student among them. A second house is under construction with the financial support of Kuwait Alumni.
7. The college ground is open to Kids Cricket Academy that trains budding cricketers.

Other Programmes

1. **Zoology:** World Population Day, Organ Donation Day (06.08.2014), World Left Hander's Day (13.08.2014), World Elephant Day (12.08.2014) Teachers Day (05.09.2014). World Toilet Day (19.11.2014) etc., were celebrated by the dept.

A training programme on vermicomposting was arranged for DC III students in collaboration with Krishi Bhavan, Cheriyanadu. Open house programme of DC II Botany students at Central Hatchery, Chengannur.

2. **History:** Artifacts donated by Sri. Sibi Kurien, Alumnus of the department, were added to the History Museum.

3. **Chemistry:** Dr. Sophia K. Philip is selected as Regional secretary of Academy of Chemistry Teachers. A luncheon get-together of the former and present members of faculty was arranged on 11th February 2015.
4. **Physics:** Celebrated international day for preservation of ozone layer. The students of the department released the campus magazine “Zietgiest” on 12.02.2015 with the support of Sri. Koshy Samuel, noted business man and Philanthroper.

The college is indebted to all its stakeholders. Let me express our sincere thanks to our former staff members who often visit our college and act as a source of inspiration. I would like to place on record our gratitude to our patron, The Most Rev. Dr. Joseph Mar Thoma Metropolitan. We do acknowledge the meritorious service that is being rendered by our manager, Dr. Zacharias Mar Theophilus Suffragon Metropolitan. I also extend my sincere thanks to the Treasurer, members of the Governing Council, Alumni and PTA. I am grateful to the members of the staff and students for their unconditional support, guidance and co-operation.

Above all I thank God Almighty for all the blessings showered upon us during these years and pray for His guidance in the days to come.