

**BISHOP MOORE COLLEGE MAVELIKARA**  
**Academic and Administrative Report 2016-17**

1. (a) Name & address of the college      Bishop Moore College  
Mavelikara – 690 110  
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Fax0479 2303230  
E-mail [bpmoorecollege@gmail.com](mailto:bpmoorecollege@gmail.com)  
Website: bishopmoorecollege.org
- (b) NAAC Accreditation level      A Grade (CGPA 3.04)
- (c) University to which affiliated      University of Kerala
- (d) Name of Panchayat      Thazhakara
- (e) Year of starting      1964
- (f) Name of Courses offered      B A, B Sc, B Com (Under CBCSS)  
M A, M Sc (Under CSS) and PhD

2. Students strength as on 1-1-2017

Sl. No.	Name of course	Total strength			Scheduled Caste			Schedule Tribe		
		Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
1	2	3	4	5	6	7	8	9	10	11
<b>UG</b>										
1	English	41	92	133	12	15	27	-	-	-
2	Malayalam	37	96	133	9	23	32	0	1	1
3	Mathematics	24	77	101	9	6	15	-	-	-
4	Physics	46	54	100	9	8	17	-	-	-
5	Chemistry	23	67	90	7	7	14	-	-	-
6	Botany	14	81	95	2	15	17	-	-	-
7	Biotechnology	12	58	70	0	7	7	-	-	-
8	Zoology	13	86	99	4	17	21	-	-	-
9	Economics	47	98	145	9	20	29	-	-	-
10	Commerce-Finance	63	96	159	7	23	30	-	-	-

11	Commerce-Computer Applications	37	42	79	7	6	13	-	-	-
<b>PG</b>										
12	English	5	27	32	0	5	5	-	-	-
13	Physics	11	13	24	1	1	2	-	-	-
14	Analytical Chemistry	2	18	20	2	1	3	-	-	-
15	Botany	1	23	24	0	6	6	-	-	-

3. (a) Number of Day scholars : **1199**

(b) Number of Boarders : **105**

4. Details regarding scholarship

Sl. No.	Name of scholarship	Under Graduate		Post Graduate	
		No.	Amount	No.	Amount
1	2	3	4	5	6
1	Higher Education Scholarship	4	59,000	4	2,20,000
2	University Merit Scholarship	5	35,000	-	-

5. Fee concession and stipend for the year 2015-16

(a) Number of students enjoying the concession

Sl. No.	Category	Under Graduate		Post Graduate	
		Boys	Girls	Boys	Girls
1	2	3	4	5	6
1	O B C Students	33	114	0	0
2	Forward Community (Students under KPCR)	77	243	3	17
3	Socially & Economically B C	0	0	4	18

(b) Students enjoying stipend from the Harijan Welfare Department

Graduation				Post Graduation			
Boys	Girls	Amount	Month up to which paid	Boys	Girls	Amount	Month up to which paid

1	2	3	4	5	6	7	8
99	244	20,58,000	May, 2016	4	14	108000	May, 2016

## 6. University Examination Results 2015-16

Sl. No	Name of Subject	No. students in roll		No. of students presented		Students passed in First Class		Students passed in II Class		Students passed in III Class		Percentage of pass	
		Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
1		2	3	4	5	6	7	8	9	10	11	12	13
<b>UG</b>													
1	English	6	36	6	36	2	23	-	-	-	-	33.3	63.8
2	Malayalam	7	31	7	31	1	11	-	-	-	-	14.2	35.5
3	Mathematics	10	23	10	23	3	16	-	-	-	-	30.0	69.5
4	Physics	12	21	12	21	1	10	-	-	-	-	8.4	47.7
5	Chemistry	8	21	8	21	1	9	-	-	-	-	12.5	42.5
6	Botany	0	25	0	25	-	10	-	-	-	-	-	50.0
7	Biotechnology	2	13	2	13	2	14	-	-	-	-	100	92.3
8	Zoology	3	20	3	20	1	11	-	-	-	-	33.3	55.0
9	Economics	8	41	8	41	0	4	1	1	-	-	12.5	12.2
10	BCom Finance	19	44	19	44	9	28	-	-	-	-	47.3	63.4
<b>PG</b>													
1	English	4	10	4	10	2	4	-	1	-	-	50.0	50.0
2	Physics	7	6	7	6	5	6	-	-	-	-	71.4	100
3	Analytical Chemistry	2	8	2	8	2	5	-	-	-	-	100	62.5
4	Botany	0	11	0	11	-	11	-	-	-	-	-	100

(b) Distinction, Rank in the University Exam 2015-16 :

1. MSc BOTANY -FIRST RANK (Ms. Athira R. K. Nair)
2. MSc PHYSICS -THIRD RANK (Ms. ShehinaShaji)
3. BSc PHYSICS – A+ Grade (Ms. MeghaMurali)

(c) Placement of students, if any :26

(d) No. of research papers published :**International:13**  
**National : 03**

1.	Physico-chemical studies of the experimental and theoretical properties of organic nonlinear optical material 4-chloro-4'methoxybenzylideneaniline, <i>Journal of Molecular Structure</i> 1128 (2017) 754e768, <b>Merin George</b> , Nimmy L. John, M. Saravana Kumar, A. Subashini, <b>D. Sajan</b>
2.	Self-cleaning superhydrophobic surfaces with underwater superaerophobicity <i>Materials &amp; Design</i> , In Press, Accepted Manuscript, Available online 23 March 2016 JijoEaso George, Vanessa R.M. Rodrigues, Deepak Mathur, SanthoshChidangil, Sajan D.
3.	<b>Reeja Jose</b> . 2016. Assessment of Water Quality in Selected Ponds of MavelikaraMunicipality. <i>Science Chronicle</i> . <b>Vol.5(1 &amp; 2)</b> : 39-44.
4	<b>Reshmy R.</b> “Novel Thiazole binary system for effective sulphur vulcanization of natural rubber” , <i>International Journal of Applied Sciences and Engineering Research</i> , Vol. 4, No. 4, 2015.
5	<b>Giggy P Koshy</b> “The Imposed and the Innate: Writing of the Self in BamaFaustina'sKarukku”, <i>Redefining Stereotypes: Re-Reading Texts and Contexts</i> , Feb2016
6	Lubaina A.S, JyothiLekshmi G, <b>Brijithlal ND</b> , Murugan K, India.“Screening of Phytochemicals and its Antioxidant Potentialities from <i>Pallavicinialyellii</i> - a Thalloid Liverwort ” <i>International Journal of Pharmaceutical Sciences Review and Research</i> ISSN 0976-044X 15: 492
7	Lubaina A.S., <b>Brijithlal N.D.</b> and Murugan K. (2016) Phytochemical analysis and antioxidant potentiality of <i>Premnaserratifolia</i> l. - an

	aromatic medicinal plant. <i>World Journal of pharmaceutical Research</i> 5(12), 841-852
8	Lubaina AS, <b>Brijithlal ND</b> and K Murugan (2016) Unravelling desiccation and rehydration tolerance mechanism in the fern, <i>Adiantumlatifolium</i> . <i>Biosci. Biotech. Res. Comm.</i> 9(4): 672-679 (2016)
9	Beena, V. L. Subhash, C. P. and <b>Brijithlal, ND</b> (2016) Studies on antidiabetic activity of <i>Aeglemarmelos</i> (l.) Corr. serr. in normal and alloxan induced diabetic rats. <i>Asian journal of Science and technology</i> 07: 11, 3880-3885
10	<b>G. Prakash Williams</b> , AnjuAnand, Parvathy A., Rakky C. Raj, <b>Robert Raju</b> and S. Krishna kumar. <i>In vitro</i> antibacterial potential of halophilic bacterial secondary metabolites from salted fish” <i>International Journal of Pharmaceutical Sciences and Drug Research</i> 8(4): 235-239
11	Prasanth G. Williams, M. Reginald Appavoo, <b>BrijithLal N.D</b> , AthiraAravind, <b>G. Prakash Williams</b> . Antibacterial activity and phytochemical analysis of selected bryophytes against penicillin resistant bacterial pathogens, <i>South Indian Journal Of Biological Sciences</i> <b>2016</b> ; 2(3); 360-366.
12	Prasanth G. Williams, M. Reginald Appavoo, <b>Brijithlal N.D.</b> ,ReshmaSurendran, and <b>G. Prakash Williams</b> . (2016) In Vitro Antibacterial Activity, Phytochemical Analysis and Inhibitory Concentration of Bryophytes against Drug Resistant Bacterial Pathogens. Manuscript ID: BI-1450, <i>International Journal of Advanced Biotechnology and Research</i> 7(2): 669-676
13	Lubaina AS, Soumya R. Raj, <b>Brijithlal ND</b> and Murugan K. Phytochemical analysis and bactericidal potentiality of <i>Pogonatummicrostomumschw</i> . <i>World Journal of Pharmaceutical Research</i> Volume 4, Issue 10, 1692-1704.
14	Anne Angeline Abraham, <i>Accept &amp; Advocate Womanhood: Adrienne Rich`s Selected Poetry &amp; Prose</i> in <i>International Journal of English Language, Literature and Humanities (IJELLH)</i> , ISSN: 2321 – 7065, Volume IV, Issue IX, September 2016. (Impact factor: 4.287)

15	Anne Angeline Abraham, <i>Hope In Chaos: Adrienne Rich's "The School Among The Ruins"</i> in International Journal of Innovative Research and Advanced Studies (IJIRAS), ISSN: 2394 – 4404, Volume 3, Issue 10, September 2016.
16	Anne Angeline Abraham, <i>Verse and Colors: Nikki Giovanni's Poems for Children</i> in International Research Journal for Interdisciplinary and Multidisciplinary Studies (IRJIMS), ISSN: 2394 – 7969, Volume II, Issue VIII, September 2016.

(e) No. of PhD's produced :1

7. (a) Details regarding teaching staff as on 1-1-2017

Sl.No	Subject	Sanctioned Strength	Associate Professor	Assistant Professor	Total
1	English	12	2	10	12
2	Malayalam	5	2	1	3
3	Hindi	2	1	0	1
4	Sanskrit	1	1	0	1
5	Mathematics	3	0	1	1
6	Statistics	1	1	0	1
7	Physics	8+Principal	0	6	6
8	Chemistry	9	1	6	7
9	Zoology	4	1	2	3
10	Botany	6	0	5	5
11	Biotechnology	3	0	2	2
12	Biochemistry	1	0	1	1
13	Economics	2+8 hrs	2	0	2
14	History	1	1	0	1

15	Political Science	1	0	1	1
16	Commerce	4+	2	1	3
17	Physical Education	2	1	1	2
<b>TOTAL</b>		<b>65</b>	<b>15</b>	<b>37</b>	<b>52</b>

(b) No. of teachers

	Total	Having Ph D	Having M Phil	Having both M Phil & Ph D
<b>Male</b>	<b>24</b>	<b>14</b>	<b>13</b>	<b>7</b>
<b>Female</b>	<b>28</b>	<b>9</b>	<b>7</b>	<b>2</b>
<b>Total</b>	<b>52</b>	<b>23</b>	<b>20</b>	<b>9</b>

(c) No. of Guest lecturers appointed : **18**

8. Community Development Activities; New contributions in teaching and learning process

- 1. National Seminars : 2**
- 2. Workshops : 2**
- 3. Teacher awards : NIL**
- 4. Student awards**

❖ No. of students who cleared NET/SET/UGC-CSIR during 2016 : **5**

Sl No.	Name of Student	Course & Year of study	Exam Qualified
1	Nishanth H P	BSc Zoology (2010-13)	CSIR NET 2016
2	AryaUnni	BSc Zoology (2010-13)	CSIR NET 2016
3	Vaishakhi Suresh	BA English 2012-2015	UGC NET 2016

4	Aarcha	MA English	UGC NET 2016
5	Ms. Ramyasree P.R	MSc Botany 2014-16	CSIR-JRF 2016

❖ No. of students selected for summer research projects

: 4

Sl No.	Name of Student	Institute
1	MeghaMurali (MSc Physics)	JNCASR, Bangalore
2	RevathySubbavally (MSc Physics)	JNCASR, Bangalore
3	AnushaUnni (S6 Botany & Biotechnology)	Indian Academy of Sciences, Bangalore
4	Arunya Raj (S4 Physics)	Indian Academy of Sciences, Bangalore

❖ No. of Kerala University Youth Festival prizes

: 8

Bishop Moore College Team ("SusheelayudeSheelakkedukal")	Drama	First prize
Vishnu Viswanath (S6 BCom CA)	Best Actor	First prize
Pooja G. Nair(S6 English)	Best Actress	First prize
Lekshmi Raj(S6 English)	Best Supporting Actress	First prize



Priya K. Varghese (S6 English)	Best Comedian	First prize
Vivek G Nampoothiri (BCom Finance)	Kathakali	Second
Gayathri T (BA Economics)	Rangoli	Second
Jyothi M.	Hindi Recitation	Third

9. Details regarding new courses started/ Change of subject in existing courses/ new batches sanctioned during the period:**Nil**

10. Details regarding study tour **2016-17**

Sl. No	Courses/subjects in which tour were arranged	No. of students participated	Total amount spent
1	B Sc Mathematics	27	94500
2	B Sc Physics	31	111600
3	B Sc Chemistry	26	87500
4	B Sc Botany	25	87500
5	B Sc Botany & Biotechnology	16	56000
6	B Sc Zoology	24	87400
7	BA English	32	115200
8	B Com Finanace	42	154150
9	MSc Chemistry	10	38000
10	MA English	14	51800

11	MSc Botany	12	47736
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11. Research work and Faculty Development Programmes, UGC assisted Scheme

- a) No. of teachers deputed for FIP : **03**  
b) No. of teachers got Ph D during the year : **01**

12. Receipt for the year 2014-152015-162016-17

- 1) Collection of tuition fee **15,05,765.00** **1,12,500.00**  
2) Other Items (specify) Special fee **10,05,262.00** **6,79,441.00**

13. Expenditure for the year 2015-16 : **Rs. 6,61,344**

14. Non Teaching Staff

Sl. No.	Name of Post	Sanctioned strength	Existing strength
1	Senior Superintendent	1	1
2	Head Accountant	1	1
3	Clerk	7	7
4	Typist	1	-
5	Librarian Grade I	1	1
6	Library Assistant	3	3
7	Mechanic	1	1
8	Lab Assistant	14	10
9	Herbarium keeper	1	1
10	Last Grade staff	5	-
<b>TOTAL</b>		<b>35</b>	<b>25</b>

15. Sports and games

1. Distinction in Inter-collegiate tournaments

- Winners in the Kerala University North Zone intercollegiate **Volleyball** (Men) Championship 2016-17.
- Runners in the Kerala University intercollegiate **Volleyball** (Men) Championship 2016-17
- Winners in the Kerala University **Softball** intercollegiate championship 2016-17.
- Winners in the Kerala University **Baseball** intercollegiate championship 2016-17.
- Second Runner up in the Kerala University intercollegiate **Basketball** (Women) Championship 2016-17

2. Distinction in Zonal level :**NIL**

3. Distinction in Inter University Tournaments: **14 University players**

4. Distinction in State Tournaments: **NIL**

5. Other achievements if any in sports and games:

Events Organized

- ❖ Conducted North Zone Kerala University intercollegiate **Volleyball** (Men) Championship 2016-17.
- ❖ Conducted Kerala University intercollegiate **Judo (Men & Women)** Championship 2016-17.

University players

- |                           |                                |
|---------------------------|--------------------------------|
| ❖ Sanju Sing (S4 Eng)     | Softball & Baseball            |
| ❖ Savier (S2Phy)          | Softball                       |
| ❖ Akhil K (S2Eng)         | Softball                       |
| ❖ Arun A P (S2Mala)       | Volleyball                     |
| ❖ SujithKrisnan (S2B.com) | Volleyball                     |
| ❖ Sachin K S (S2B.com)    | Judo                           |
| ❖ Vishnu S (S2B.com)      | Wrestling                      |
| ❖ Sonia (S4Eco)           | Softball                       |
| ❖ Vivek (S4 B.com)        | Softball                       |
| ❖ Ananthu (S4 Eng)        | Softball                       |
| ❖ ShahinSha (S4 Eco)      | Volleyball                     |
| ❖ AmeerSherif (S2 Mala)   | Volleyball                     |
| ❖ Devu G Nair (S2 Eco)    | Softball                       |
| ❖ Devanarayanan (S2Maths) | 3 <sup>rd</sup> shot put (I/C) |

### Intercollegiate Participation

❖ Cross country (men & women)	Volleyball
❖ Judo (men & women)	Baseball
❖ Wrestling (men & women)	Badminton
❖ Softball (men & women)	Athletics

### 16. Details of NCC

The NCC units of Bishop Moore College have been doing excellent job since their establishment. On various occasions cadets have served the nation even when their lives were in danger. Its motto “UNITY AND DISCIPLINE” has always been symbolized by the cadets. The NCC unit of this college inculcates sense of spirit of discipline, affection to fellow beings and service to nation.

Our NCC SW cadets come under 3 Kerala Girls Battalion Kollam and SD cadets comes under 8 Kerala Battalion Mavelikara. The students were excited to be enrolled in the Army wing of NCC. The enrolment of cadets for this year began during the month of August 2016. The team of selectors headed by the Commanding Officer of 3 Kerala Girls Battalion NCC along with J.C.O’s and P.I staff were present for the formal induction ceremony. Our activities for the year started with Independence Day celebration. The NCC Directorate has well-made syllabus that comprises, Drill, Weapon training, Leadership, civil defence, First aid, Hygiene & Sanitation, Community development, Human right, Adventure activity Ecology/nature awareness, self- defense, Map reading (MP), Home nursing, Family welfare, General knowledge, Man management, Field craft and Battle craft (FC/BC), Social services activities (Blood donation, Anti dowry, Aids awareness, Area cleaning ) etc. The 3 Kerala Girls Battalion Kollam & 8 Kerala Battalion Mavelikara provides PI. staff who are trained military personnels, to impart the training. The battalion provides the training equipments and other facilities. Capt. Cigi.P.George and Lt. Dr. Sajan.D are our Associate NCC Officers and it’s under their supervision and support all activities are carried out .In addition to,a special one day weapon training was carried out on February 2016 in the college.

Majority of our cadets participated in CATC and ATC during 2016-2017. Apart from academic excellence our troop proved its excellence in cultural competition, games, tent pitching etc bagging medals and trophies. 42 SW cadets and 28 SD cadets appeared for B Certificate examination held on 13&14 Feb 2017 at St. Gregorious College Kottarakara and Leo XIII HSS Alappuzha resp. 47 SW cadets and 26 SD cadets appeared for C Certificate examination held at FMNC Kollam on 25&26 Feb 2017.

The NCC unit of our college has excelled in various activities:

- NIC is an important camp held to inculcate integration among the states of India. Our cadets represented our state in the following NIC and SNIC’s :
  - NIC ALAPPUZHA                      MeghaMohan, Lakshmi R Pillai

- SNIC LEH(KASHMIR)      Clinda Mary D’Cruz
  - SNIC NARMADA              Sanil M Jacob
- Anjaly Mariam George represented our state in attachment training with OTA Gwalior 2016
  - Camps are held in attachment with the Army Wing .SUO Clinda Mary D’Cruz,Jibin Mathew Stephen has participated in the Army Attachment Camp held in attachment with Bihar regiment and Madras Regiment
  - Trekking is another activity that satisfies impulse for adventure. AryaMuraleedharan participated in Trekking Camp,Uttarkashi,2016.
  - Cadets were engaged in several social service activities as indicated below:
  - Cadets planted saplings and lookafter them.
  - Cadets donated blood as a voluntary activity.
  - Celebration of Defense Day and Armed Forces Day by selling stamps- the fund collected were used to help ex-servicemen and widows of Armed Forces personnel.
  - Took initiative to start and follow up an Organic farm in the college premises
  - Visited aged people and shared joy and love in form of gifts during Onam.
  - International Yoga Day was celebrated on June 21 in college under the leadership of NCC girls wing
  - In addition to, all national days including Independence day and Republic day were celebrated gloriously.
  - It is a proud moment to our unit to spent the ever memorable moment with the founder principal Rev. K.C Mathew in association with Christmas day celebration on Dec 7 2016.
  - As a part of the awareness campaign by Govt. Of India to make aware mothers of youth the prevailing dangers and threats in the society “AmmaAriyan” awareness programme by Adv. Anilkumar K.N Pillai was conducted by NCC Girls wing on NOV 5 2016.
  - The role of youth service is essential for the growth and development of the nation. NCC builds the leadership, personality and encourages the social activities among the cadets. The growth and development of nation or country depends on youth power.

## 17. Details of NSS.

The National Service Scheme of Bishop Moore College has two units. Unit A was led by Mr. Jils Varghese and Unit B by Ms. Linda E. Jacob during the academic year 2016-17. 212 students were enrolled as volunteers. Throughout the year, the units had been very busy with its manifold activities. Weekly meetings were conducted every Wednesday and Thursday during the lunch break from 12:50pm till 1:30pm. PSC coaching, Communicative language teaching, cultural activities etc were arranged during these sessions. Apart from the regular activities such as one day camps, day observations and weekly meetings, daily training classes for the volunteer secretaries, etc were also conducted. A short report of the activities of this academic year 2016-17 is given below:

1. International Yoga Day celebration, 21 June 2016: Yoga training conducted in the College auditorium, jointly organized by NSS, NCC and Sports Club. Dr. Sabu George inaugurated the function and the session was led by Yoga instructor Ms. Greeshma
2. NSS Programme Officers, Prof. Jils Varghese , Prof. Linda E. Jacob attended the Swatch Bharath Mission meeting held at Collectorate , Alapuzha where the Chief Guest was Smt. R. Girija, IAS on 1st August 2016 .Aim of the programme was to make the panchayats in Kerala Open Defecation Free.
3. World Environment Day Celebration, 6 June 2016: Dr. Sabu George planted a tree sapling in front of the College Auditorium and Dr. Prakash Williams, extension activity coordinator, gave the felicitation address. Volunteers distributed tree saplings sponsored by the Department of Forests, Govt. of Kerala.
4. 70th Independence Day Celebration 15th August 2016: National Flag was hoisted by Dr. Sabu George and he gave a talk on the importance of national unity and talked on how to balance rights and duties.
5. Talk by Dr. Brijithlal N.D. on the topic ‘ Importance of Education in the Present Scenario’ on 18th August 2016
6. Talk by Prof. Jils Varghese on the topic ‘Personality Development’ (National Sports day celebration) 25th August 2016
7. Conducted interdepartmental Quiz Competition on ‘Sports’ on 30th August 2016. The Quiz master was Mr. Sreehari S. Pillai
8. 3rd October 2016: Conducted Blood Donation camp in the College campus in association with HDFC Bank, Mavelikara and Blood Bank of Alapuzha Medical College. 75 students donated blood.
9. Teachers’ Day celebration on 5th September 2016: Volunteers welcomed all teachers of Bishop Moore College with flowers, greeting cards and sweets. A meeting was arranged at CMS LP School to honor all the school teachers and sweets were distributed to the school kids.

10. Onam Celebration on 8th September 2016: NSS volunteers arranged a floral carpet (Athapookalam) in front of the College.
11. Peace Day Celebration (22nd & 23rd September 2016): Conducted interdepartmental poster making competition. Dr. Sabu George inaugurated the function. Chief guest – Dr. HarichandranAchari, Former NSS PO and Rtd. Associate Professor, formally inaugurated the PSC Coaching Class. He also took NSS orientation class for the first year volunteers. Prof. Jils Varghese took a class on 'Group Dynamics' for the second year volunteers
12. PSC Coaching class of the academic year 2016-17 inaugurated on 28th September 2016. Regular PSC coaching classes conducted every Tuesday
13. International Older Persons Day (1st October 2016): NSS conducted a programme 'THANALEKIYAVARKU THANALAKAM' for honoring senior citizens of Kallumala region. Mr. P. Sreekumar, C.I. of Police, Mavelikara inaugurated the function. About 40 senior citizens who attended the function shared their experience and also presented some cultural programmes for the volunteers. The second programme on the same day was the cleaning of the premises of the Municipal Court of Mavelikara. The agenda was to commemorate Gandhi Jayanthi the next day. BAR Association of Lawyers presented a trophy to the NSS unit as a token of appreciation and also honored POs Mr. Jils Varghese and Ms. Linda E. Jacob
14. 4th October 2016: An anti-drug campaigning programme was conducted in association with ICPFANGELOS Social Awareness Team, Alapuzha. Dr. Sabu George inaugurated the function. Mr. AnishOommen Abraham, ICPF Alapuzha District Student Counsellor, took a seminar on the ill effects of usage of tobacco, cigarettes, alcohol, beedi etc. The ICPF team also performed a drama named "ARIYUKA PRIYA MITHRANGALE" which portrayed the story of a man who lost his life due to the usage of liquor, cigarettes and illegal drugs during his College life.
15. 7th October 2016: 30 NSS volunteers participated in the shooting of a documentary film named 'My Dream' by Mr. Abdul Mujeed, former ISRO Technician. The aim of the documentary was to spread the message of late Indian President, Dr. APJ Abdul Kalam and thus inspire the school students.
16. 16th October 2016 : Volunteers got an opportunity to participate in the TV Show named 'Good Samaritan' by Athmeeyayathra channel
17. 17th October 2016 (World Food Day celebration):1000 food packets were collected from College students and distributed to the poor and needy people in the Ochira region.
18. 26th November 2016 : 7 volunteers participated in the One day leadership training class conducted by ALTIUS, Alapuzha
19. 1st December 2016 (World Aids Day): Red ribbons prepared by NSS volunteers were distributed to all students. Prof. Jils Varghese took an awareness class on AIDS

20. 8th December 2016: NSS volunteers participated in the cleaning programme of Vennoor pond, near Mavelikara Railway Station as a part of HarithaKeralam Project, an initiative of Govt. of Kerala. Smt. LeelaAbhilash, Municipal Chairperson of Mavelikara inaugurated the mission

21. 23rd to 29th December 2016: 7 day NSS Special camp at Govt. JB School, Venmony. Mr. Leju Kumar, Panchayat President of Venmony, inaugurated the camp. 115 volunteers attended the camp.

**a) A brief note on National Integration Activities**

The activities of the various extension activities of the college prepare the students for National integration in a direct and an indirect way. Following are some of the activities that were organized during the academic year 2015-16 towards National Integration :-

1. Independence Day, Gandhi Jayanthi, RashtriyaEkta Divas, etc.celebrated by NSS volunteers
2. Blood donation camp organized by NSS volunteers
- 3.Onam, Christmas and Keralappiravi celebrated by college staff and students.
4. Three National Conferences and various workshops organized by various Departments.
5. Celebration of National Science Day and National Space Week by Science Club.
6. **NIC** is an important camp held to inculcate integration among the states of India.Our cadets represented our states in the following **NIC** and **SNIC**'s :

- |                      |                                 |
|----------------------|---------------------------------|
| a) NIC KARNATAKA     | AryaDivakaran , SusmithaSuman   |
| b) NIC ALAPUZHA      | Clinda Mary D'Cruz , Manjusha S |
| c) NIC KOZHICODE     | Gopika Bose , Aswathy S         |
| d) NIC CHENNAI       | Aswathy S , Joby J              |
| e) SNIC LAKSHADWEEP  | Anjali Pushpan                  |
| f) SNIC PORTBLAIR    | Heera S                         |
| g) SNIC LEH(KASHMIR) | Clinda Mary D'Cruz              |

7. **Leadership Camps** are conducted on All India basis. AryaDivakaran has attended Basic Leadership Camp Ernakulam and Gopika Bose, Advanced Leadership Camp West Bengal.
8. Every year cadets are given attachment training with OTA and IMA.Gayathri.S and Anjaly Mariam George represented our state in **OTA Training 2016**

**b) A brief note on College Planning forum and its activities**

The Governing Council, IQAC, Planning Board,Staff Council and Departmental Staff meeting put forward necessary proposals for infrastructure development, upgradation of teaching learning activities, etc. The Principal convenes the College Level Monitoring Committee (CLMC), comprising the Heads of all departments and the elected members of the Council. The Committee discusses the ways and means to effectively implement the Curriculum, keeping in mind the exam schedule, the schedule for co-curricular activities, and in accordance with the rules and regulations stipulated by the University.

The next step is where the Heads of the various departments meet with the faculty of their respective departments in Department Level Monitoring Committee (DLMC) meetings and the action plan for



the semester is charted out. Course coordinators are selected and entrusted with the task of overseeing the proper implementation of the curriculum by setting a monthly plan, wherein the syllabus is distributed evenly within a semester. The college supplements the curriculum by conducting seminars, workshops, exhibitions, quiz programmes and innovative teaching methods.

### **c) A brief note of College Union and its activities**

The College Union is the students' body which is constituted as per University regulations. Parliamentary system of election is followed for the election of representatives.

College Union Election 2015 was held on 09 December, 2016. Elections were notified as per University schedule in the college notice board. Nominations were filed before the Returning Officer for the college union election appointed by the Principal. The election was through secret ballot system.

The union executive consists of fourteen students selected to various posts. The representatives in the executive elected were

College Union Chairman	: <b>Mr. JOHN THOMAS</b> , S3 B.Sc Botany & Biotechnology
Vice Chairperson	: <b>Ms. APARNA S.</b> , S3 B.Com Finance
General Secretary	: <b>Mr. ALEN P. MOHANDAS</b> , S1 BA Malayalam
College Magazine Editor	: <b>Mr. SHRAVAN KUMAR B.</b> , S3 BA English
Arts Club Secretary	: <b>Mr. ANANDHU KRISHNAN G.</b> , S3 BA English
University Union Councillors	: <b>Mr. MIDHUN M</b> , S3 BA Malayalam, <b>Ms. Sreelekshmi S.</b> , S1 B.Sc Botany
Lady Representatives	: <b>Ms. AKHILA ANIL</b> , S3 BCom Finance, <b>Ms. JAIN MARIAM DANY KOSHY</b> , S1 BCom CA

The class representatives elected were Mr. Yedukrishnan C.S., S1 BA English (1st year Degree), Mr. Narayan Babu, S3 BCom CA (2nd year Degree), Mr. Aslam N.N., S5 BA English (3rd year Degree), Mr. Arjun V, S1 MSc Chemistry (1st year PG) and Ms. Abhirami S. Prakash, S3 MA English (2nd year PG).

### **College Union Activities (2016-17)**

- *The inauguration of the College Union 2016-17 and Arts Club* was held on 6 January 2017 in the College auditorium at 10.30 am. Shri. K. Raghavan inaugurated the College Union and renowned poet Shri. KureppuzhaSreekumar inaugurated the Arts Club in the meeting presided over by Mr. John Thomas, the Union Chairman.
- *The Annual cultural competition Arts Day*, the venue for students to showcase their literary and artistic talents was conducted during 20-22 February 2017. House Wise

Competitions for literary events, performance and dance events and music were organized.

- *Conducted Kerala University Drama Festival during 27-28 January 2017*
- *Conducted Film Festival Thira-2017 on 18 February 2017*

**d) A brief note on the details of training given to officials**

The college regularly organizes seminars, conferences, talks and lectures to empower the teachers and students in teaching-learning. Following are the programmes organized for staff during the academic year 2016-17.

- **A Refresher Course on Quantum Mechanics** (jointly sponsored by the three Science Academies' of India) was conducted during 1-14 May 2017.
- **A workshop on Basic Quantum Mechanics and Field Theory** (jointly sponsored by the three Science Academies' of India) was conducted during 29 November-01 December 2016.

**e) Furnish information in important conferences, publications**

Paper presentations in Conferences:

<b>1</b>	<b>Jerin Susan John, D. Sajan</b> <i>SERS and non-linear optical properties of an organic material</i> , 4 <sup>th</sup> International Conference on 'Frontiers in Nano Science and Technology', 20-23 February 2016
<b>2</b>	<b>Dr. Sherely Annie Paul</b> , <i>Characterization of coconut shell powder</i> in the proceedings of Coir Kerala 2016
<b>3</b>	<b>Deepa Thomas</b> presented a poster in the UGC sponsored National Seminar on "Emerging Trends in nanomaterials" held at SreeSankaraVidyapeetom College, Valayanchirangara on 9 <sup>th</sup> and 10 <sup>th</sup> July 2015.
<b>4</b>	<b>Deepa Thomas</b> presented a poster in Bioradiance'15 conducted by Pushpagiri Institute of Medical Science and Research Centre, Thiruvalla on 24 <sup>th</sup> July 2015.
<b>5</b>	<b>Deepa Thomas</b> , <i>Cationic Polymer coated Alginate Beads for the Oral Delivery of Rifampicin: In Vitro Studies</i> National Seminar held at SN College, Chengannur on 4 <sup>th</sup> to 6 <sup>th</sup> August 2015.

6	<b>Deepa Thomas</b> , <i>Effect of concentration of Sodium alginate on the surface morphology of Calcium alginate microspheres- SEM investigation</i> International seminar STICA-2016 on 20 <sup>th</sup> July 2016 at Christian College, Kattakada.
7	<b>Linda E Jacob</b> presented a paper in the UGC and KSCSTE sponsored National Seminar on “Smart Materials” organized by PG Dept. of Chemistry, SN College, Varkala in association with The Society for Polymer Science, Trivandrum Chapter on 8 <sup>th</sup> and 9 <sup>th</sup> Mar 2016.
8	<b>BessyMaryPhilip</b> , presented a poster in ICMST-2016 at ST. Thomas College, Pala held on 5-8 <sup>th</sup> June 2016.
9	<b>Abha K.</b> presented a poster in National Conference on “Material Science & Technology” organized by Department of Physics, Bishop Moore College, Mavelikara from 4 <sup>th</sup> -6 <sup>th</sup> February 2015.
10	<b>Abha K.</b> presented a paper in the UGC sponsored National Seminar on “New Horizons in Advanced Materials” organized by University College, Thiruvananthapuram from 17 <sup>th</sup> -18 <sup>th</sup> September 2015.
11	<b>Abha K.</b> presented a poster in UGC sponsored National Seminar on “Advanced Analytical Techniques” organized by Mar Ivanios College, Thiruvananthapuram from 9 <sup>th</sup> -11 <sup>th</sup> March 2016.
12	<b>Abha K.</b> poster presentation in the International National seminar on “State of the Art of Instrumental Techniques in Compound Analysis” organized by Christian College, Thiruvananthapuram from 19 <sup>th</sup> -20 <sup>th</sup> July 2016.
13	Dr. Reeja Jose Presented a paper in the National Seminar on "Recent Trends in Wetland Pollution Studies using Bio-Monitoring Protocol" organized by Post Graduate and Research Dept. of Zoology, N. S. S. College, Pandalam on February 22-24, 2016

National Conferences/seminars & workshops organized by the college:

1. **BIOMEET-2017**, National Seminar on “Recent Trends in Biomaterials” organized by the Department of Chemistry, during 15-17 Feb 2017
2. **RICTBS-2017, Recent Innovations and Current Trends in Biological Sciences**

National Seminar on “Recent Innovations and Current Trends in Biological Sciences” organized by the Department of Botany & Biotechnology, during 7-10 Feb 2017

## Endowment Lectures/Quiz Programmes Conducted

### 1. **Rev. Prof. K C Mathew Endowment Lecture (2017)**

The Department of Chemistry organized the Rev. Prof. K. C. Mathew Endowment Lecture on Computational Chemistry. The programme was inaugurated by Dr. M. R. Anantharaman (CUSAT) on 13 March 2017. MSc students from different colleges attended the lecture.

### 2. **Prof. P.U. Jacob Memorial Endowment Lecture** was held on **6 September 2016**. **Dr. ChandrikaBalan**, noted writer and former Professor, All Saints College, Thiruvananthapuram delivered a talk on *Resisting Reader: Reading Strategies of Feminism*

### 3. **Bishop M M John Memorial Lecture 2016**

Bishop M M John Memorial Lecture 2016 was inaugurated on 27 October 2016 by Dr. K.N. Harilal who is an eminent Economist, Professor at CDS Trivandrum and Planning Board Member. He delivered an informative lecture on “Agrarian Question in Kerala”.

## Invited Talks

1. Dr. S. Nirmala Kumari, Principal, SNGM Arts and Science college Thuravoor (former HOD of Mathematics) on 6 October 2016 delivered lectures on a one day seminar on Domination in Graph Theory.
2. Dr. Isaac Paul, S B College, Changancherry delivered a lecture on “A few equations that changed the world” on 22 August 2016 for the students of the department of Physics.
3. Dr. Athira O, Assistant Professor of Biotechnology, Amrita Institute, inaugurated SHIELD 2016 and delivered an invited lecture on “Save Ozone, Our Planet’s Safe Zone” on 23 September 2016.
4. Dr. Thomas Kuruvilla delivered a lecture on “Enhancing Scientific Attitude” by 28 February 2017 as part of National Science Day Celebrations for the Science students.
5. The Chemistry Association (CHEMA-2016) was inaugurated by Dr. Suju C. Joseph, Assistant Professor, Mar Ivanios College, Thiruvananthapuram. The inaugural meeting was presided over by Dr. Sabu George, Principal, Bishop Moore College. The key note speech was delivered by Dr. Suju C. Joseph on “Medicinal Chemistry.”
6. One day Workshop on Vermicomposting: The Zoology Association inauguration for the academic year 2016-17 was done by Sri C. K. Venugopal, Asst. Director of Agriculture, SAGL, Kalarcode, Alappuzha on 30 September 2016. A workshop on Vermicomposting was also organized on the same day. The earthworm, *Eudrillus Eugenia*, is being cultured under controlled conditions for promoting composting activities in our college.

7. Dr. Suresh V Vettoor, Associate Professor (Rtd.), St. Dominics College, Kanjirappally delivered a lecture on “Climate Change and Ozone layer depletion” on 29 September 2016. The programme was conducted by the Department of Physics and students from all the departments attended.
8. Prof. P.J Oommen on 26 August 2016 presented a seminar on personality development and motivation for the students.

#### Other Enrichment Activities/Extension Activities

1. STARS OF MOORE 2017 Contest:

Selection of three best outgoing students of the college was done based on screening test, quantitative analysis of certificates acquired during their course of study, Interview and a Final Stage Performance. The Final Round Performance was held on 13 March 2017. Based on all the three rounds the students selected were Varsha V (BSc Zoology), AnushaUnni (BSc Botany & Biotechnology), and Surya Suresh (MSc Physics)

2. Padheyam-2017, farewell meeting for outgoing students was organized on 22 March 2017 in the college auditorium. The prizes for best outgoing students and university rank holders were distributed by The most Rev. Thomas K. Oommen and Shri. PerumbadavomShreedharan. Outgoing students took an oath during the function.
3. Script Writing Competition was conducted under the auspices of the Folklore and Performing Arts Club on 16 March 2017
4. ELOQUENZA SIGNIFICATO, Seminar conducted by students of Department of English was held on 16 March 2017.
5. Cultural Evening was organized on 22 March 2017 at 5.30 pm in the college Auditorium. The variety programs performed by students included Drama-“Susheelayudesheelakkedukal” which won first prize in the Kerala University Drama Festival, Musical Fusion, Margam kali, Thiruvathira, etc. Audience comprised of alumni, retired teachers, parents and friends of the college.
6. Oil Conservation Pledge and competitions: Environment club members conducted variety programmes including oil conservation pledge and quiz programme on 8 March 2017
7. Laurel Literaria-2017, the Annual literary fest of the Department of English was conducted during 6-7 March, 2017. Prof. Indulal R. (Associate Professor, Dept. of English, S.D. College, Alappuzha) delivered the inaugural talk on "Reading Against the Grain". Spell-bee, reading and fancy dress competitions were conducted for the students of the Department.

The days events came to a close with the musical extravaganza conducted by the students of the Department. Inter-Collegiate Literary Quiz was conducted by Dr. Nair AnupChandrasekharan on 7 March 2017. Team from St. Thomas College, Pala emerged winners and second and third

place winners were teams from NSS College, Pandalam and Mar Ivanios College, Kallumala. An inter-department debate competition in the afternoon kept the audience engaged. Theatrical representation of Basheer's Premalekhanam was the final event of the two day literary fest.

8. Financial literacy survey conducted by students of Dept. of Commerce
9. Workshop on 'Mindful Life Management' was conducted by Professional counsellor Ms. Lekshmi for students on 7 March 2017
10. VIDYUTRA 2K17, Best Manager Contest, Treasure Hunt, Business Quiz competitions conducted on 4 March 2017 by the Department of Commerce
11. Essay Writing Competition: Environment Club organized an essay writing competition for college students, sponsored by BPCL, Kochi on 2 February 2017
12. Independence Day and Republic Day was celebrated at the college.
13. Market Visit: Economics Department conducted Experience learning through market visit was conducted on 31<sup>st</sup> August 2016. Sixth semester students visited Kallumala market and experienced the setting of prices and the functioning of market. .
14. Financial literacy class was conducted by Economics Association on 6 October 2016 by Prof. Shibin Philip, Former Faculty of the Department and a Resource person of SEBI.
15. Chemistry Exhibition: The Department organized an exhibition "ATOMIA-2016" on 28<sup>th</sup> October 2016 as a part of the "International Mole Day" celebrations. A book on "Nobel Laureates in Chemistry (1901-2016)" and a revised "Lab Manual" were published by the Department during the inaugural function of ATOMIA 2016. The exhibition was divided into four sections-*Chem Apps, Crafts Villa, Chem Theatre and Chemiland*. More than 50 posters were exhibited. Students of the nearby schools visited the exhibition. Certificates and trophies were given for best posters, still models and working models
16. Setting up of Aquarium in the Zoology Department: On 20 January 2016 the students installed four new aquarium tanks in the Department. This programme was designed to develop their skills to work in a commercial aquarium, pet Industry, zoo, or marine conservation sector.
17. Conducted Water Quality Analysis by Zoology Dept. in the nearby wards of the College and provided awareness about user friendly water treatment methods
18. Prof. Elizabeth Mathew Memorial Awards for those students who secure the highest marks in Economics, at the College and University level were presented to the university topper Ms..Reshma Rajeev, from S.N College for Women Kollam and college topper Ms.Muralika K.S. by Dr. K.N. Harilal on 27 October 2016.
19. Christmas Celebrations of the college was held on 22 December, 2016. Department-wise Christmas tree competition and christmas carol singing competition was held. Christmas celebrations of the students of Ladies hostel was held on 16 December 2016.

#### **f) A brief note of computer lab**

The College has three separate centres enabling computer and internet access for students and staff.

##### 1. Common Computer Centre

Computer centre has 25 computers with internet connectivity, LAN, Printing and Scanning facility and is accessible to students and staff during working hours. The Centre is open during lunch break and Saturdays also. Supporting staff available during work hours to assist students and faculty

##### 2. Physics Computer & Networking Centre

An Air conditioned computer centre with 25 Desktop Computers, LAN, Internet facility, , is available for Add on Course (Web Designing & Office Automation) students. Two units of 5 KVA battery is installed to ensure steady power supply.

##### 3. Commerce Computer Lab

The Commerce Computer lab is equipped with 16 Desktop Computers, LAN, 5 KVA Battery and Ceiling Mount LCD projector. The Lab is accessible to the B. Com (Computer Applications) students.

#### **g) College Auditorium**

The college auditorium has a seating capacity of 1000 along with balcony seating. The acoustics is properly maintained and the stage is equipped with proper light and sound arrangements

#### **h) Sensitive issues during the year 2015-16 :NIL**

17. Details regarding the college working days

a) Number of working days during 2015-16 :**186**

b) Number of working days lost due to students' unrest, teachers' strike and other reasons:

**4 declared Local Holidays**

18. Any other achievements or information to be included in the Annual Administration Report 2015-16

Name  
Designation and  
Signature of the Head of the Institution