

NIRMALA COLLEGE, MUVATTUPUZHA



ANNUAL QUALITY ASSURANCE REPORT 2015-2016

Part – A

1. Details of the Institution

1.1 Name of the Institution	Nirmala College, Muvattupuzha
1.2 Address Line 1	
Address Line 2	Muvattupuzha
City/Town	Ernakulam (Dist)
State	Kerala
Pin Code	686661
Institution e-mail address	nirmalacollege@gmail.com
Contact Nos.	0485-2836300, 2832361
Name of the Head of the Institution:	Rev. Dr. Vincent Joseph
Tel. No. with STD Code:	0485-2836300, 2832361
Mobile:	9447368222
Name of the IQAC Co-ordinator	Dr. Suby Baby
Mobile:	9744076219
IQAC e-mail address:	iqac@nirmalacollege.ac.in
1.3 NAAC Track ID (For ex. MHCOGN 18879)	NAAC/AQAR ACK/F2.33/118/63-14948 57/RAR
1.4 NAAC Executive Committee No. & Date:	NAAC/AQAR ACK/F2.33/118/63-14948
<i>(For Example EC/32/A&A/143 dated 3-5-2004.</i>	
<i>This EC no. is available in the right corner- bottom</i>	
<i>of your institution's Accreditation Certificate)</i>	
1.5 Website address:	www.nirmalacollege.ac.in
Web-link of the AQAR:	http://www.nirmalacollege.ac.in/AQAR2015-16.doc

For ex. <http://www.ladykeanecollege.edu.in/AQAR2012-13.doc>

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle		3*	1999	7 th Feb 2007
2	2 nd Cycle	B ⁺⁺	82.7	2007	31 st Mar 2012
3	3 rd Cycle	B	2.85	2013	22 nd March 2018

1.7 Date of Establishment of IQAC : DD/MM/YYYY

03/03/2004

1.8 AQAR for the year (for example 2010-11)

2015-16

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC ((for example AQAR 2010-11 submitted to NAAC on 12-10-2011))

- i. AQAR 2012-13 20/12/2013 (DD/MM/YYYY)
- ii. AQAR 2013-14 23/05/2016 (DD/MM/YYYY)
- iii. AQAR 2014-15 22/10/2016 (DD/MM/YYYY)

1.10 Institutional Status

University State Central Deemed Private

Affiliated College Yes No

Constituent College Yes No

Autonomous college of UGC Yes No

Regulatory Agency approved Institution Yes No

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution Co-education Men Women

Urban Rural Tribal

Financial Status

Grant-in-aid

UGC 2(f)

UGC 12B

Grant-in-aid + Self Financing

Totally Self-financing

1.11 Type of Faculty/Programme

Arts

Science

Commerce

Law

PEI (Phys Edu)

TEI (Edu)

Engineering

Health Science

Management

Others (Specify)

IGNOU Study Centre(Distance Mode)

1.12 Name of the Affiliating University (*for the Colleges*)

Mahatma Gandhi University, Kottayam

1.13 Special status conferred by Central/ State Government--
UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University

University with Potential for Excellence

UGC-CPE

DST Star Scheme

UGC-CE

UGC-Special Assistance Programme

DST-FIST

UGC-Innovative PG programmes

Any other (*Specify*)

UGC-COP Programmes

2. IQAC Composition and Activities

2.1 No. of Teachers

20

2.2 No. of Administrative/Technical staff

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2.3 No. of students

2.4 No. of Management representatives

2.5 No. of Alumni

2.6 No. of any other stakeholder and Community representatives

2.7 No. of Employers/ Industrialists

2.8 No. of other External Experts

2.9 Total No. of members

2.10 No. of IQAC meetings held

2.11 No. of meetings with various stakeholders: No. Faculty

Non-Teaching Staff Students Alumni Others

2.12 Has IQAC received any funding from UGC during the year? Yes No

If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos. International National State Institution Level

(ii) Themes

- Nuclear Energy Myth and Reality
- Manufacturing of soaps and Detergents and DRC testing of Rubber Latex
- Mathematical Concepts in Chemistry
- The enchanting world of organic chemistry and organic synthesis demystified
- Advances in Spectroscopic Identifications

- Political Economy of Sustainable Development of Kerala In The Context of Gadgil –Kasthuri Rangan Report
- Sustainable Economic Development
- New Trends in Postmodern Hindi Literature
- Divergent Indian Voices: New Contours in Postcoloniality
- New Trends in Applied Statistical Methodology with special emphasis on Time Series Analysis
- Ayurveda Seminar in collaboration with DSS
- Ayurveda Seminar in collaboration with The Pathanjaly Centre for Indigenous Studies on Ayurvijnaiyam
- Queuing theory
- Application of Physics in current day Medicine
- A Day With Scientist
- Gravitational Waves-The New Waves in Physics, Technology and Astronomy”
- Exploring nanostructures using scattering of electromagnetic radiation
- Resource recovery and Management
- Vegetative Propagation and organic farming
- Role of secondary metabolites in the development of new formulations
- A Dry and Fresh Flower arrangement Programme
- Apiculture and uses of Honeybee products
- PompilaiOrumaiyum Munnar Prakshobhavum
- The Indian Economy Series
- REturN, Alumni Returns program was organized
- NGO Plan@Earth on the topic “Climate Change
- Interactive sessions from experts have also been arranged as a part of getting excellence in academics, Mr. HazhimBassher CEO of LazzaIce-Cream and Mr. Shaji, Director of Academy Business Management, Tourism and Research Bangalore
- Current trends & Job opportunities in Tourism’.
- Cyber Ecosystem: Trends And Challenge

- Innovative trends in Changing Indian Corporate Scenario
- Bhasantharam
- Arthantharam

2.14 Significant Activities and contributions made by IQAC

- **JNNSMEE-2015**

The prestigious National Science Exhibition of the country “Jawaharlal Nehru National Science, Mathematics and Environment exhibition - 2015” was organized at Nirmala College, Muvattupuzha. The event was jointly organized with the help of NCERT, New Delhi and Directorate of Public Instruction, Govt. of Kerala. The event showcased the scientific and mathematical talents of children all over the country and their innovative ideas. Over 20000 people visited the event over a period of 6 days. The “IDEAS” session held during the exhibition gave a platform for the students to present their innovative ideas. Many exhibits were selected by different funding agencies for development. For instance, the Low cost Robotic arm for Amputees were selected by Govt. of Kerala for further development. The successful completion of the event shows the ability of Nirmala College, Muvattupuzha to host and organize events of National interest. The event also carved the name of the college and Muvattupuzha on the educational map of the country.

- Started IAS Coaching in collaboration ETEN IAS, New Delhi
- Strengthened Career guidance and placement cell. 185 students were placed.
- Enhancement in teaching-learning process and research work
- Enhanced employability by introducing additional interdisciplinary programmes.
- Started DCA course in collaboration with CCEK, Thiruvananthapuram
- Implemented personality development programmes(BCA), soft skill development programmes(Botany), value added certificate courses (Botany) for the students
- More avenues for students to engage in community services
- Sensitizing students to ecological and environmental issues
- Seminars, conferences and invited talks arranged
- Internship for students (BTS, MTA)

- Conducted annual internal audit.

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

Plan of Action	Achievements
Emphasis on short-term additional certificate courses	<ul style="list-style-type: none"> ➤ DCA course ➤ Certificate Course in Vedic Mathematics ➤ Certificate Course in Tally
To promote Research, consultancy and extension	<ol style="list-style-type: none"> 1. PhD. Awarded faculty: Santhosh J. 2. Organised National seminars 3. Three faculty members relieved for completion of research under FDP program 4. Eleven Minor research projects sanctioned during the year and 6. Eight Ph.Ds produced from research centres of the college <ul style="list-style-type: none"> ➤ Chithra Mohanan (Malayalam) ➤ Deepthi V.S. (Malayalam) ➤ Bennichan Skaria (Malayalam) ➤ Cintil Jose Chirayil (Chemistry) ➤ Dr. Biju Thomas (Statistics) ➤ Roy Mathew Veetoor (Commerce) ➤ Sujatha.M (Commerce) ➤ Aravind. J (Commerce)
Industrial and Educational Visits as a part of the academic curriculum	<p>Conducted Industrial visit, nature camps, media visit.</p> <ul style="list-style-type: none"> • Industry Interactions with <ul style="list-style-type: none"> ➤ Mr. Shaji, Director Of Business Management Tourism And Research Bangalore ➤ Mr. Hazhim Bassher CEO of Lazza Ice-Cream • Industry visit <ul style="list-style-type: none"> ➤ Hindustan Coir .Ltd Kalavur, Alapuzha ➤ PDDP, Mattor. • Media visit <p>Asianet News and Club FM 94.3</p> • Institution Visit <p>Kerala Forest Research Institute, Peechi, Thrissur</p>
To arrange student support programmes	<p>Conducted :-</p> <ul style="list-style-type: none"> ➤ Life guidance programmes ➤ Spiritual animation programmes ➤ Individual counseling ➤ Tutorial system

	<ul style="list-style-type: none"> ➤ Recruitment drives by esteemed organizations ➤ Reading week ➤ Anti- ragging awareness talks ➤ Invited talks ➤ Inter departmental and inter collegiate competitions ➤ Endowment lectures ➤ Driving classes for female students
<p>Outreach programmes</p>	<ul style="list-style-type: none"> ➤ Jawaharlal Nehru National Science, Mathematics and Environment exhibition -2015 was jointly organized with the help of NCERT, New Delhi and Directorate of Public Instruction, Govt. of Kerala. ➤ Organ donation campaign ➤ Blood group identification and blood donation ➤ Camps, Mushroom Cultivation programme ➤ A Fund collection was conducted by the NSS Palliative club to help Ambily Fathima of CMS College, who is affected by heart and lungs disorder, on 10th June 2015. A total of Rs. 41223/- (Forty one thousand two hundred and twenty three only) was raised through the programme. The teachers, non-teaching staff and students contributed to the fund collection ➤ As a protest against the laxity of authorities to take measures to control the attack of stray dogs a rally was organized in Muvattupuzha on 17th June 2015 ➤ As part of Chingam 1st celebrations, the NSS unit of Nirmala College celebrated farmer's day in the adopted village, Avoly. It was a joint effort of Avoly Gramapanchayat and the NSS Unit of Nirmala College. The farmers were honoured during the programme. ➤ On October 2nd 2015, the NSS Unit of Nirmala College celebrated swachatha divas. On this day a

	<p>campus cleaning programme and an organic farming programme were conducted. As part of the celebration the volunteers took the swachatha divas oath to keep their campus clean. To popularize organic farming among the public, the volunteers visited several houses in Avoly Panchayat and planted curry leaves saplings.</p> <ul style="list-style-type: none"> ➤ The special NSS camp conducted from 18th to 24th December 2015 at Govt. HS Mamalakandom. encompassed many socially committed community programmes like health survey, Cancer identification camp, Bio-cultivation, E- governance classes, library construction and setting up of Science lab. The major programme was the preparation of 40 cents worth vegetable garden around the school. The unit also set up a library with 300 books and a science lab in the school. The volunteers conducted E-Governance class for Kudumbasree members during the camp. A Manuscript Magazine, “Thaliru” is another attraction of the camp. ➤ As part of the road safety week celebrations, on 13th and 14th January the unit conducted a road safety awareness programme in Muvattupuzha town in association with Janamythri police, Muvattupuzha. The programme was also conducted in the college campus. The volunteers asked questions on traffic rules to bus drivers, lorry drivers, auto, taxi drivers, private vehicle drivers and students and teachers of the college and distributed prizes to those who answered the questions. ➤ An intercollegiate camp on “Women’s Security: Practical Measures” was conducted in association
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	<p>with Janamythri police from 29th to 31st January. The three day camp intercollegiate camp included practical sessions on self defense for girls and parallel sessions for boys regarding the role of men in women's security. About 80 students attended the camp hailing from different colleges.</p> <ul style="list-style-type: none"> ➤ As part of Home for homeless programme the unit undertook the construction of three houses in Nadukani, by providing them financial and physical help. Volunteers conducted a fund raising programme by raising fund from the students and teachers of Nirmala College. The volunteers also helped the construction work by engaging in house construction activities. ➤ As part of managing the E-wastes in Muvattupuzha an E-waste awareness class was held o 26th February. The unit plans to collect E-wastes and dispose them scientifically in association with Clean Kerala Company, a government undertaking in this regard. Joseph Vazhakkan, MLA, Muvattupuzha inaugurated the project. Kudumbasree members, Asha workers, CDS members, Municipal Counsellors, Panchayath ward Members , volunteers and NSS programme officers from various schools and colleges, Merchant association and resident association members attended the programme.
<p>Career Guidance and Placement Cell to be strengthened</p>	<ul style="list-style-type: none"> ➤ Conducted Pre-Placement Training to students ➤ Conducted several Recruitment Drives ➤ 185 students were placed through campus recruitment
<p>Promotion of sports and games</p>	<ul style="list-style-type: none"> ➤ MG University football championship was held at Nirmala College, Muvattupuzha, and the college team won the competition and six players

	<p>represented south zone inter-university football championship held at Amritha University Coimbatore.</p> <ul style="list-style-type: none">➤ In the Inter zone Handball tournament held at Mar Thoma college Thiruvalla, our team secured 1st position in the competition and seven players of our institution represented M G University team in the south zone Inter University handball championship held at Alagapa University Karikudy.➤ In the MG University Best physique Championship held at St. Thomas College, Pala, our student secured 2nd position in the 80 kg category .➤ In the MG University north zone basket ball championship held at St Peters College, Kolancherry the college team won the competition and also participated in the M G University inter zone basket ball championship held at S B college Changanasarry.➤ One of our Basketball players represented M G University Basketball team, for participating south zone Inter University Basket ball championship held at S R M university Chennai.➤ Our student was selected as M G University Captain, for participating All India inter university netball championship held at Panjabi university Patiala.➤ Five players from our institution were selected for the senior national netball championship held at Uttar Pradesh.
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	<ul style="list-style-type: none"> ➤ In the MG University Taekwondo championship held at BPC College Piravom our students secured 1st 2nd and 3rd position in various weight category. ➤ Our team secured overall Runner up in MG university Taekwondo championship.
Publications	<ul style="list-style-type: none"> ➤ International- 8 ➤ National-11 ➤ Books -7
To provide infrastructure facilities to various stakeholders	<ul style="list-style-type: none"> ➤ Venue for Jawaharlal Nehru National Science, Mathematics and Environment exhibition -2015. It was jointly organized with the help of NCERT, New Delhi and Directorate of Public Instruction, Govt. of Kerala. ➤ Venue for National Green Corps- workshop organized for Higher Secondary School Teachers ➤ Venue for conducting PSC Examination ➤ Providing the Playground to Nirmala Sadan Training college for organising Sports and Games for mentally and physically challenged Students. ➤ Providing the Playground to Assissi School for Deaf and Dump for organising Sports and Games for deaf and dump Students ➤ Venue for NSS Intercollegiate Camp ➤ Venue for Awareness programme for ladies by Police Force ➤ For arranging polling booths to conduct election to the local bodies by the election commission. ➤ Venue for receiving the application for Voters ID card by the Election Commission ➤ Venue for issuing new ID cards for the voters ➤ To conduct Alumni Meetings ➤ Provision of Football stadium to organise Mahatma Gandhi University South Zone intercollegiate

	<p>football competitions.</p> <ul style="list-style-type: none"> ➤ Multi-purpose syntactic court was provided All Kerala Intercollegiate Volleyball Tournament was conducted from 25th and 26 February 2016.
To enhance alumni interaction and support	<ul style="list-style-type: none"> ➤ Meet a Prominent Alumni Programme ➤ rEturN Series
Continuing Education Programs Imparted	<ul style="list-style-type: none"> ➤ Internship at Hotels and Resorts (MTA) ➤ UGC sponsored Add on course in IT(Physics Dept) ➤ Yoga (Malayalam Dept) ➤ Orientation Program (MCA Dept) ➤ Pre-placement Training (MCA Dept) ➤ DCA course ➤ Vedic mathematics class
To strengthen PTA Interactions	<ul style="list-style-type: none"> ➤ Conducted periodical meetings

** Attach the Academic Calendar of the year as Annexure.*

2.15 Whether the AQAR was placed in statutory body Yes No

Management Syndicate Any other body

Provide the details of the action taken

The AQAR placed in the IQAC steering committee after active discussions and incorporated valid suggestions. IQAC have approved the final report and gave sanction to forward the AQAR to NAAC.

Criterion – I
Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	5			
PG	12		5	
UG	16		6	
PG Diploma				
Advanced Diploma				
Diploma				
Certificate	3			
Others	(Add-on)			
Total				

Interdisciplinary				
Innovative				

1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	30
Trimester	
Annual	

1.3 Feedback from stakeholders* Alumni Parents Employers
Students

(On all aspects)

Mode of feedback : Online Manual Co-operating schools
(for PEI)

***Please provide an analysis of the feedback in the Annexure**

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects. Yes

1.5 Any new Department/Centre introduced during the year. If yes, give details. No

Criterion – II
Teaching, Learning and Evaluation

Total	Asst. Professors	Associate Professors	Professors	Others
152	39	40		73

2.1 Total No. of permanent faculty

79

Teaching and nonteaching staff

	male	%	female	%	Total
Teaching staff	56	36.8	96	63.2	152
Non Teaching staff	14	63.6	8	36.4	22

2.2 No. of permanent faculty with Ph.D.

38

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
4	4							4	4

2.4 No. of Guest and Visiting faculty and Temporary faculty

8

4

61

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/	5	25	20
Presented papers	2	9	4
Resource Persons		2	4

Attended

Name of faculty	Seminar/workshop	Department	University/college	State Level/National/international	Date
Prof. Sr. EmyTomy	Seminar on Advances in spectroscopic Techniques- Chemical and Biological Perspective	Chemistry	Newman college Thodupuzha	National	14-15 th September 2016
Dr. MarthaKutty Joseph	Two day UGC sponsored National seminar <i>Advances in Spectroscopic Identifications</i>	Chemistry	Nirmala college Muvattupuzha	National	4-5 th December 2015
Mr. Jose Karikunnel	Two day UGC sponsored National seminar Advances in Spectroscopic Identifications	Chemistry			
Mr. Philip Augustine	Two day UGC sponsored National seminar Advances in Spectroscopic Identifications	Chemistry	Nirmala college Muvattupuzha	National	4-5 th December 2015
Ms. Mercyamma Jacob	Two day UGC sponsored National seminar Advances in Spectroscopic Identifications	Chemistry			
Mr. Biju Peter	Two day UGC sponsored National seminar Advances in Spectroscopic Identifications	Chemistry	Nirmala college Muvattupuzha	National	4-5 th December 2015
Sr. Emy Joseph	Two day UGC sponsored National seminar Advances in Spectroscopic Identifications	Chemistry			
Dr. Bibitha Joseph	Two day UGC sponsored National seminar Advances in Spectroscopic Identifications	Chemistry	Nirmala college Muvattupuzha	National	4-5 th December 2015
Mr. Roji.J.Kunnath	Two day UGC sponsored National	Chemistry	Nirmala college Muvattupuzha	National	4-5 th December

	seminar Advances in Spectroscopic Identifications				2015
Prof. Sr. Emy Tomy	Seminar on Negishi Coupling Reactions	Chemistry	S.H.College. Thevara	International	16/2/2016
Prof. Anns Maria Thomas	Seminar on Negishi Coupling Reactions	Chemistry	S.H.College. Thevara	International	16/2/2016
Prof.Mathews Manayani	Symposium on Concurrent Methodologies in Organic synthesis		Institute for Intensive Research in Basic Sciences(IIRBS) M.G. Uty Kottayam	International	13/2/2016
Prof.Mathews Manayani	UG Curriculum Restructuring workshop of M.G. University		Baselios College Kottayam	University	3-4 March 2016
Sophy Thomas	five core committee meetings organized to frame and scrutinize the programme structure and scheme under choice based credit system 2016		Nirmala College, Muvattupuzha	University	Sophy Thomas
Sophy Thomas	five core committee meetings organized to frame and scrutinize the programme structure and scheme under choice based credit system 2016	Statistics	Nirmala College, Muvattupuzha	University	
Sophy Thomas	Attended Regional Meet 2015 organized by Xavier Board of Higher Education in India, Kerala North Region	Statistics	Sahrdaya College of Engineering & Technology at Kodakara	State level	1st August 2015
Sophy Thomas	Faculty Development programme (HVDP) of AIACHE,	Statistics	Nirmala college Muvattupuzha		11th August 2015.

Sophy Thomas	Two day National Seminar in Association with Kerala Statistical Association	Statistics	Nirmala college Muvattupuzha		12-13 February
Jessy John	Attended Regional Meet 2015 organized by Xavier Board of Higher Education in India, Kerala North Region	Statistics	Sahrdaya College of Engineering & Technology at Kodakara	State level	1st August 2015
Jessy John	Faculty Development programme (HVDP) of AIACHE,	Statistics	Nirmala college Muvattupuzha		11th August 2015.
Jessy John	Two day National Seminar in Association with Kerala Statistical Association	Statistics	Nirmala college Muvattupuzha		12-13 February
Jessy John	MGU-PG-CBCS-2016 workshop for curriculum restructuring	Statistics	University Level	Nirmala college Muvattupuzha	24.2.2016.
Dr. Mathachan Pathiyil	Faculty Development programme (HVDP) of AIACHE,	Statistics	Nirmala college Muvattupuzha		11th August 2015.
Dr. Mathachan Pathiyil	Two day National Seminar in Association with Kerala Statistical Association	Statistics	Nirmala college Muvattupuzha		12-13 February
Dr. Mathachan Pathiyil	MGU-PG-CBCS-2016 workshop for curriculum restructuring	Statistics	University Level	Nirmala college Muvattupuzha	24.2.2016.

Dr. Mathachan Pathiyil	three Board of Studies meeting	Statistics	University Level		
Dr. Johnny Scaria	two day workshop on restructuring curricula	Statistics	University Level	Maharajas College, Ernakulam	
Dr. Johnny Scaria	MGU-PG-CBCS-2016 workshop for curriculum restructuring	Statistics	University Level	Nirmala college Muvattupuzha	24.2.2016.
Dr. Johnny Scaria	Faculty Development programme (HVDP) of AIACHE,	Statistics		Nirmala college Muvattupuzha	11th August 2015.
Dr. Johnny Scaria	Two day National Seminar in Association with Kerala Statistical Association	Statistics		Nirmala college Muvattupuzha	12-13 February
Dr. Johnny Scaria	Board of studies meeting (P.G)	Statistics	University Level	Mahatma Gandhi	
Dr. Seethalekshmi V	MGU-PG-CBCS-2016 workshop for curriculum restructuring	Statistics	University Level	Nirmala college Muvattupuzha	24.2.2016.
Dr. Seethalekshmi V	Board of studies meeting (P.G)	Statistics	University Level	Mahatma Gandhi	
Dr. Seethalekshmi V	Two day National Seminar in Association with Kerala Statistical Association	Statistics		Nirmala college Muvattupuzha	12-13 February
Dr.T.M.Jacob	MGU-PG-CBCS-2016 workshop for curriculum restructuring	Statistics	University Level	Nirmala college Muvattupuzha	24.2.2016.

Dr.T.M.Jacob	Board of studies meeting (P.G)	Statistics	University Level	Mahatma Gandhi	
Dr.T.M.Jacob	Two day National Seminar in Association with Kerala Statistical Association	Statistics		Nirmala college Muvattupuzha	12-13 February
Dr.Suja.C		Hindi	National	SreeSankara College,Kalady	25 th & 26 th September 2014.
Dr.Juliya Emmanuel		Hindi	National	K.E College Mannanam M.E.S College Nedumkandam Maharajas College ,Ernakulam	10 th & 11 th November 2014 13 th & 14 th November 2014. 22 nd & 23 rd September 2014
Dr.Sreeja G.R		Hindi	National	K.E College Mannanam M.E.S College Nedumkandam academic staff college	10 th & 11 th November 2014 13 th & 14 th November 2014. 30-04-2014 to 27-05-2014 and obtained A Grade.
.Dr.Neerada Maria Kurian		Hindi	National	M.E.S College Nedumkandam St.Thomas College,Pala Nirmala College Muvattupuzha	13 th & 14 th November 2014. 28, 29& 30 th January 2015. 20 th &21 st November 2014
Dr.Vinod K.V	National Seminar on "Taxonomy and DNA barcoding"	Zoology	National	Dept. of Zoology, St. Xavier's College for Women, Aluva	10 th & 11 th September 2015

Dr. Ani Kurian	National Seminar on “Taxonomy and DNA barcoding”	Zoology	National	Dept. of Zoology, St. Xavier’s College for Women, Aluva	10th & 11th September 2015
Dr. Gigi K. Joseph	‘Interuniversity Water Resources Management regional level workshop’	Zoology	TERI University	TERI University, New Delhi held at Hotel Gokulam Park, Ernakulam	16 and 17/09/2015
Dr. Vinod K.V	‘Interuniversity Water Resources Management regional level workshop’	Zoology	TERI University	TERI University, New Delhi held at Hotel Gokulam Park, Ernakulam	16 and 17/09/2015
Ambily Elizabeth George	‘Interuniversity Water Resources Management regional level workshop’	Zoology	TERI University	TERI University, New Delhi held at Hotel Gokulam Park, Ernakulam	16 and 17/09/2015
Dr. Gigi K. Joseph	National Biodiversity Fest	Zoology	Kerala State Biodiversity Board	Kottayam	18/02/2015
Dr. Sr. Tessy Joseph	National Seminar	Zoology	National Seminar		
Dr. Johnson Varghese	UG Restructuring	Commerce	University Level	Nirmala College, Muvattupuzha	25 th February and 1 st March 2016
Mr. Emmanuel A.J	UG Restructuring	Commerce	University Level	Nirmala College, Muvattupuzha	25 th February and 1 st March 2016

Dr. Suby Baby	UG Restructuring	Commerce	University Level	Nirmala College, Muvattupuzha	25th February and 1st March 2016
Soni Sebastian	UG Restructuring	Mathematics	University Level	Nirmala College, Muvattupuzha	29th February
Saji Joseph	UG Restructuring	Mathematics	University Level	Nirmala College, Muvattupuzha	29th February
Nirmala George	UG Restructuring	Mathematics	University Level	Nirmala College, Muvattupuzha	29th February
Sophy thomas	One day workshop on curriculum Restructuring of postgraduate programme	Staitistics	Univeristy level	Nirmala college , Muvattupuzha	24/2/2016.
Jessy John	One day workshop on curriculum Restructuring of postgraduate programme	Staitistics	Univeristy level	Nirmala college , Muvattupuzha	24/2/2016.
Dr. Mathachan Pathiyil	One day workshop on curriculum Restructuring of postgraduate programme	Staitistics	Univeristy level	Nirmala college , Muvattupuzha	24/2/2016.
Dr. T.M. Jacob	One day workshop on curriculum Restructuring of postgraduate programme	Staitistics	Univeristy level	Nirmala college , Muvattupuzha	24/2/2016.
Dr. Johny Scaria	One day workshop on curriculum Restructuring of	Staitistics	Univeristy level	Nirmala college , Muvattupuz	24/2/2016.

	postgraduate programme			ha	
Mr. Aby Thomas		Commerce	International	St. Pauls College, Kalamessery	
Mr. Aby Thomas		Commerce	International	C.M.S College, Kottayam	
Dr. Rani Mathew	Two Day National Seminar on “Divergent Indian Voices: New Contours in Post Coloniality”	English	National Seminar	Nirmala College, Muvattupuzha	22.02.2016 -23.02.2016
Dr. Amstron Sebastian	Two Day National Seminar on “Divergent Indian Voices: New Contours in Post Coloniality”	English	National Seminar	Nirmala College, Muvattupuzha	22.02.2016 -23.02.2016
Dr. Jerome K Jose	Two day workshop on curriculum Restructuring of postgraduate programme	English	University level	MG University	
Dr. Jerome K Jose	Two Day National Seminar on “Divergent Indian Voices: New Contours in Post Coloniality”	English	National Seminar	Nirmala College, Muvattupuzha	22.02.2016 -23.02.2016
Ajomy Maria Joseph	Two Day National Seminar on “Divergent Indian Voices: New Contours in Post Coloniality”	English	National Seminar	Nirmala College, Muvattupuzha	22.02.2016 -23.02.2016
Ajomy Maria	Two Day National	English	National	Nirmala	14. 01.

Joseph	Seminar on Epistemic Strata in the National Ideals of Swami Vivekananda		Seminar	College, Muvattupuzha	2015-16.01.2015
Bindu Joseph	Two Day National Seminar on “Divergent Indian Voices: New Contours in Post Coloniality”	English	National Seminar	Nirmala College, Muvattupuzha	22.02.2016-23.02.2016

Presented

(a)State Level

Paper Presentations

1. Dr. Sr.Biji M P presented a Paper on *Punya Charithangalude Rachana Rashtreeyam* in the seminar conducted by St. Thomas Autonomous College , Thrissur

2. Dr. Juliya Emmanuel Presented a paper on *Viveki Rai ki kahamiyon mein krishek jeevan* in the conducted at St. Xaviers College for Women , Aluva on 6th & 7th August 2015

3.Dr. Sanish P B Presented a paper on *A literary analysis of Aurobindos SAVITRI* in the National Seminar on Maharshi Aurobindo and his contribution to the Vedanta philosophy. organized by Govt. Sanskrit college Thripunithura on 20th October 2015 and Sponsored by Directorate of Collegiate Education Govt. Of Kerala.

4. Dr. Sanish P B Presented a paper in the Workshop on Sanskrit and higher education in Kerala orgainzed by IQAC Govt. Sanskrit college Thripurithara conducted on 26th to 28th of November 2015 and Sponsored by Directorate of collegiate education Govt. of Kerala

Mr.Aby Thomas, Lecturer, Nirmala College, Muvattupuzha has presented a paper titled “Gold monetisation scheme - A theoretical frame work”, in the UGC sponsored National Seminar on E-Commerce with focus on E-Business and E-Banking organized by ST.Paul's College on 4th and 5th February 2016.

Mr.Aby Thomas, Lecturer, Nirmala College, Muvattupuzha has presented a paper titled “A Comparitive Study on the GDP Growt of Indian and Chinese Economy”, in the ICAI,ICMA,Gulati Institute of Finance and Taxation sponsored National Seminar on Emerging

Market's Turmoil and Chances of Global Meltdown: Impacts on Indian Economy organized by Marian College Kuttikkanam on 8th and 8th March 2016.

Mr.Aby Thomas, Lecturer, Nirmala College, Muvattupuzha has presented a paper titled “Customer Adoption of Mobile Banking in Kerala-A Comparative Study of Public and Private Sector Banks”, in the UGC sponsored National Seminar on E-Commerce with Focus on E-Business and E- Banking organized by St.Paul's College Kalamassery on 4th and 5th February 2016.

Mr.Aby Thomas, Lecturer, Nirmala College, Muvattupuzha has presented a paper titled “CORPORATE SOCIAL RESPONSIBILITY SPENDING PATTERN AMONG INDIAN INDUSTRIAL TOPPERS ”, in the UGC sponsored National Seminar on CSR:PRACTICES, STRATEGIES& IMPACT organized by CMS COLLEGE KOTTAYAM on 12th and 13th February 2016.

Mr.Aby Thomas, Lecturer, Nirmala College, Muvattupuzha has presented a paper titled “ANALYSIS OF CSR SPENDING OF MAHARATNA COMPANIES WITH RESPECT TO CSR MANDATE”, in the UGC sponsored National Seminar on CSR:PRACTICES,STRATEGIES& IMPACT organized by CMS COLLEGE KOTTAYAM on 12th and 13th February 2016.

Mr.Aby Thomas, Lecturer, Nirmala College, Muvattupuzha has presented a paper titled “Industrial Growth in India- A State Wide Analysis”, in the Kerala University sponsored International Seminar on Emerging Business Opportunities- Global Markets and the Indian Potential organized by Dept. of Commerce School of Business Management and Legal Studies, University of Kerala,TVM,Kerala on 24th and 25th February 2016.

Mr.Aby Thomas, Lecturer, Nirmala College, Muvattupuzha has presented a paper titled “An Analysis of the Pattern of GDP Growth Rate Of BRICS Nations ”, in the Kerala University sponsored International Seminar on Emerging Business Opportunities- Global Markets and Indian Potential organized by Dept. of Commerce School of Business Management and Legal Studies, University of Kerala,TVM,Kerala on 24th and 25th February 2016.

Mr.Aby Thomas, Lecturer, Nirmala College, Muvattupuzha has presented a paper titled “An Innovative Taxation System in India: An Exploration into the Prospects and Problems”, in the

UGC sponsored National Seminar on Innovative Trends in the Changing Indian Corporate Scenario organized by Nirmala College Muvattupuzha on 10th and 11th September 2015.

Dr. Suja C., Lecturer, Nirmala College, Muvattupuzha has presented a paper titled “Samkaleen Kavita mein Manavadhikar ke Pramey”, in the UGC sponsored National Seminar on Human Rights in the Post Independent Hindi Poetry organized by Govt. Brennen College Thalassery on 18th and 20th November 2015.

Dr. Anish Cyriac, Lecturer, Nirmala College, Muvattupuzha has presented a paper titled “Utharadhunik Hindi Kavitha Mein Upabhokthavadhi Samaj Ka Chithran”, in the UGC sponsored National Seminar on Uthradhunik Hindi Sahitya Meim Samajik Chethana organized by NSS Hindu College Changanasherry on 11th and 12th August 2015.

Dr. Thomas Varghese, Lecturer, Nirmala College, Muvattupuzha has presented a paper titled “Dielectric studies of nanocrystalline calcium tungstate”, in the sponsored International Seminar on NANO 15 organized by KSR COLLEGE, TN on 7th and 10th December 2015.

Dr. Thomas Varghese, Lecturer, Nirmala College, Muvattupuzha has presented a paper titled “CeO₂/CoPc-A novel nanocomposite for potential applications”, in the sponsored International Seminar on NANO 15 organized by KSR COLLEGE, TN on 7th and 10th December 2015.

b. National Level

1. .Dr. Juliya Emmanuel Presented a paper on Narendrakohli ke vyangya sahitya mein manavadhiker ki parikalpana in the UGC sponsored National Seminar conducted at S S V College Valayanchirangara perubavoor on 19th & 20th august 2015
2. . Dr. Neerada Maria Kurian Presented a paper on Regionalism in Hindi Novels with special reference to phaniswarnath Renu in the UGC sponsored National Seminar conducted at St. Thomas Pala on 28th to 30th January 2015
3. Dr. Anish Cyriac Presented a paper on Regionalism in Hindi Novels in the UGC sponsored National Seminar conducted at St. Thomas college Pala on 28th to 30th January 2015
4. . Dr. Anish Cyriac Presented a paper on Utharadhunic Hindi sahitya mein samajik chethana in the UGC sponsored National Seminar conducted at N S S Hindu College Changanacherry on 11th & 12th August 2015

5. Dr. Suja C Presented a paper on Manavadikar ke pramey and samkaleen Hindi Kavita in the UGC sponsored National Seminar conducted at Govt. Brennen College Thalasserry on 18th to 20th November 2015

6. Dr. Sanish P B Presented a paper on “The role of Amarakosha in Elaborating Indian Aesthetics in the National Seminar on strategies of knowledge classification in Amarakosha-organised by Government. Brennen College, Thalasserry on 8th Jan.2015 and Sponsored by Directorate of collegiate Education, Govt. of Kerala.

7. Dr. Sanish P B Presented a paper on Vivekanandas Interpretation of Indian Metaphysics for secular thought” in the UGC Sponsored National seminar on Epistemic Strate in the National ideals of Swami Vivekananda for making a secular India conducted on 14th to 16th Jan.2015 in Nirmala College Muvattupuzha.

8. Dr. Gigi K Joseph presented a paper on Role of lower plants in the food and feeding behaviour of the endemic lion tailed macaque (MACACA SILENUS) in the southern western Ghats in the UGC sponsored National seminar on role of lower plants in the forest ecosystem : diversity conservation and utilisation potential . Conducted on 09th & 10th Dec.2015 in Dept. of Botany Govt. College Chittur , Palakad.

9. Dr. Gigi K Joseph presented a paper on Ecology and survival issues of lion tailed macaque (MACACA SILENUS) in the southern western Ghats in the UGC Sponsored two day National seminar on Animal Species diversity on 09th & 10th Dec.2015 in Dept. of Botany Govt. College Chittur , Palakad.

Resource person

Name of faculty	Seminar/workshop	Department	State Level/National/international	University/college	Date
Sophy Thomas	Chaired Seven PG BOS meetings	Statistics	University Level		
Sophy Thomas	Chairperson in the Viva- Voce for MSc Programme	Statistics	University Level	St.Thomas College Pala, Maharajas College Ernakulam, K.E. College Mannanam and Nirmala College Muvattupuzha	

Sophy Thomas	Chaired MGU-PG-CBCS-2016 workshop for curriculum restructuring	Statistics	University Level	Nirmala college Muvattupuzha	24.2.2016.
Dr. Johny Scaria	External examiner of Viva-Voice	Statistics	University Level	Calicut University	
Dr. Johny Scaria	Resource person at Catholicate College Pathanamthitta	Statistics			
Dr. Gigi K. Joseph,	Mentors of 'Interuniversity Water Resources Management regional level workshop'	Zoology	TERI University	TERI University, New Delhi held at Hotel Gokulam Park, Ernakulam	16 and 17/09/2015
Dr. Vinod	Mentors of 'Interuniversity Water Resources Management regional level workshop'	Zoology	University	TERI University, New Delhi held at Hotel Gokulam Park, Ernakulam	16 and 17/09/2015
Dr James George	as resource person in the Association Inauguration	Hindi		SS V College Airapuram	
Ms. Ajomy Maria Joseph	As resource person in Research Methodology	English		St.Thomas College, Pala	26. 05. 2015

2.6 Innovative processes adopted by the institution in Teaching and Learning:

Equipped P.G classrooms with either smart boards or television to make teaching and learning process more interactive.

2.7 Total No. of actual teaching days during this academic year

194

2.8 Examination/ Evaluation Reforms initiated by

the Institution (for example: Open Book Examination,

Centralised internal examinations

Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

2.9 No. of faculty members involved in curriculum restructuring/ revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop

9	7	16
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Sl.No	Name of faculty	Department	Designation
1.	Prof. Mathews Manayani	Chemistry	Faculty
2.	Prof. Sophy Thomas	Statistics	P.G Board Chairman
3.	Prof. Jessie John	Statistics	Faculty
4.	Dr. Mathachan Pathiyil	Statistics	P.G. Board member
5	Dr. Johnny Scaria	Statistics	P.G. Board member
6.	Dr. Seethalekshmi V	Statistics	U.G Board member
7.	Dr.T.M.Jacob	Statistics	P.G Board member
8.	Dr. V.C James	Hindi	U.G Board member
9.	Dr. Suja.C	Hindi	U.G Board member
10.	Dr. Johnson Varghese	Commerce	U.G Board member
11.	Mr. Emmanuel A.J	Commerce	Faculty
12.	Dr. Raju. V.P	Commerce	Faculty
13.	Dr. Suby Baby	Commerce	Faculty
14.	Mr. Soni Sebastian	Mathematics	U.G Board member
15.	Mr. Saji Joseph	Mathematics	Faculty
16	Ms.Nirmala George	Mathematics	Faculty
17	Dr. Jerome K Jose	English	Faculty

2.10 Average percentage of attendance of students

93.73

Post graduate Courses 2015 pass out batch (2016 Result Awaiting)

Subject	Appeared	A+	A	B+	B	C+	C	D	% of pass	Rank
M.Sc. Statistics	19	1	3	9	1	3			89.47	
M.Sc. Zoology	13			5	4				70	
M.Sc. Chemistrv	13			8	2				76.9	
M.A. Economics	19			7	6				76.47	
M.Com.	19		1	14	2				89.47	
M.A. Hindi	18			2	3				28	
M.A English	15			3	1	1			33.33	
M.A. Malayalam	19			4	7				57.89	

Post Graduate Programmes (Self Financing)

Subject		Appeared				% of pass			
MCA		60				76.66			
MHRM		8				77.78			
M.com Finance	15		1	4	4			60	

U.G Programmes (Aided) 2013-16 Batch

Subject	A+	A	B+	B	C+	C	D	%
B A Economics	51	21	41.17	1	4	-	13	-
B A Malayalam	27	7	26	-	2	-	3	-
B A Hindi	29	11	38	-	2	-	7	-
B.Sc Mathematics	64	46	71.88	15	25	-	4	-
B.Sc Physics Model	43	21	48.8	8	9	-	4	-
B.Sc Physics Model	30	6	20	-	1	-	5	-
B.Sc Chemistry	39	22	56.4	2	13	-	7	-
B.Sc Botany	42	11	26	2	2	-	5	-
B.Sc Zoology	34	22	64.7	5	8	-	8	-
B.Com Model I	59	43	73	5	25	-	7	-
U.G Programmes (Self Financing)								
B A English Model	35	17	49	-	2	-	7	-
III Literature & Computer	39	28	71.79	-	9	-	14	-
B.Com Model III Taxation	50	23	46	1	7	-	8	-
B.Com model III Office Management & Secretarial	46	13	28.26	-	-	-	11	-
B C A	61	31	50.81	-	9	-	15	-

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :

IQAC has given suggestions and recommendations to improve the tutorial and remedial coaching practices. The cell collects feedback responses from

students and conducts academic audit periodically. The cell looks into and evaluates the teaching learning process and endeavours to modernise its supporting system by upgrading P.G classes with interactive boards and Television. The cell always promotes the faculty members to participate and conduct seminars, conferences, workshops, symposia for faculty development. The cell takes keen interest to adopt add on courses, pre-placement training programmes, recruitment drives for magnifying employability among students.

IQAC monitor and evaluates the teaching and learning process through periodical meetings of the Cell attended by representatives from each department. The meeting discusses and evaluates the targets to be achieved and the plan of action.

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	2
UGC – Faculty Improvement Programme	3
HRD programmes	Nil
Orientation programmes	1
Faculty exchange programme	Nil
Staff training conducted by the university	Nil
Staff training conducted by other institutions	Nil
Summer / Winter schools, Workshops, etc.	Nil
Others	Nil

Orientation Course

Dr Sr. Biji M.P

Refresher

Dr. Juliya Emmanuel

Dr. Sreeja G. R

FDP

Ms. Anu Jossy Joy

Mr. Aloysious Sabu

Ms. Meera R

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	8			
Technical Staff	14			
Total	22			

Criterion – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

Initiatives to promote extension activities of the college

- This year IQAC timely informed the teachers about the submission of Minor Research Projects as well as gave instructions to conduct departmental seminars.
- Implemented Research Schemes and projects for the smooth progress and effective implementation of research projects. It is decided to adopt the following policies to promote research in the campus;
 - i. Autonomy to Investigator
 - ii. Timely availability or release of resources
 - iii. Adequate infrastructure and human resources
 - iv. Support in terms of technology and information needs

This year we had 8 minor projects sanctioned and 6 on going minor projects from UGC amounting Rs. 20,78,000.

- We had publications in 6 international peer review journals and 10 national peer review journals and 2 were published in international conference proceedings and 1 in national.
- We had 7 publications in ISBN indexed edited book chapters. 7 faculties of our college presented papers in national and international seminars.
- There were 5 UGC sponsored national seminars, one state level seminar in collaboration with Pathanjali, one University level seminar in collaboration with DSS, Mahatma Gandhi University Kottayam, 22 College level department initiated seminars and 3 endowment lectures.
- We had 4 collaborations, one with KSCSTE, the Govt. of Kerala for the establishment of Butterfly Gardens, with ETEN (IAS Coaching), New Delhi BPCL and Spices Board, Ernakulam.

- We got two international and one national best paper awards.
- Thirteen faculties from this institution are Ph.D guides and there are 60 research scholars registered under the research centres of this institution and 5 of them are JRF holders.
- Dr. Santosh. J, Head of the Department of Physical Education was awarded Ph.D in March 2016.
- 8 Ph.Ds were produced from the research centres during this academic year.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	0	0	0	0
Outlay in Rs. Lakhs				

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number		8		
Outlay in Rs. Lakhs		1. 150000 2. 40000 3. 95000 4. 119000 5. 89000 6. 100000 7. 435000 8. 405000 9. 270000 10. 200000 11. 175000		
Total		Rs. 20,78,000		

3.4 Details of research publications

	International	National	Others
Peer Review Journals	6	10	

Non-Peer Review Journals			
e-Journals			
Conference proceedings	2	1	

3.5 Details on Impact factor of publications:

Range Average h-index Nos. in SCOPUS

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Nature of the Project	Name of the Principal Investigator	Duration Year	Name of the funding Agency	Total grant sanctioned
Minor Research Project	Dr. Gigi K. Joseph	2	UGC	150000
Minor Research Project	Jisha Jacob	1	KSCTSCE	10000
Minor Research Project	Dilmol Varghese	1	KSCTSCE	10000
Minor Research Project	Ambily Elizebathe George	1	KSCTSCE	10000
Minor Research Project	Dr. Gigi K. Joseph	1	KSCTSCE	10000
Minor Research Project	Meera R.	2	UGC	95000
Minor Research Project	Shaimon Joseph	2	UGC	119000
Minor Research Project	Alphonsa K. Joy	2	UGC	89000
Minor Research Project	Deepa Abraham	2	UGC	100000
Minor Research Project	Sherin Mathew G.	2	UGC	435000
Minor Research Project	Deepa Liz Alex	2	UGC	405000
Minor Research Project	Dr. Johny Scaria	2	UGC	270000
Minor Research Project	Dr. Juliya Emmanuel	2	UGC	200000
Minor Research Project	Dr. Sreeja G.R.	2	UGC	175000
Interdisciplinary Projects				

Industry sponsored				
Projects sponsored by the University/ College				
Students research projects (other than compulsory by the University)	4	KSCSTE	40000	40000
Any other(Specify)	1	Dr. Gigi K. Joseph Science Popularisation Programme of KSCSTE, the Govt. of Kerala for the establishment of Butterfly Gardens.	150000	150000
Total				

3.7 No. of books published i) With ISBN No. iii) Chapters in Edited Books
ii) Without ISBN No.

3.8 College receiving funds from
UGC-SAP CAS DST-FIST
DPE DBT Scheme/funds

3.9 For colleges Scheme
Autonomy CPE DBT Star
INSP CE Any Other

(specify)
3.10 Revenue generated through consultancy

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number		5	1	1	25
Sponsoring		UGC		DSS	

agencies		Pathanjali	Departments
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III. Seminar/ Workshops/Lectures Organized by the Department.

Sl.No	Seminar/ Workshops/Lectures	Resource person	Dates
1.	Seminar on <i>Nuclear Energy Myth and Reality</i>	Prof. Dr. AlokSrivastava (Punjab University)	23/06/2015
2.	One day workshop on <i>Manufacturing of soaps and Detergents and DRC testing of Rubber Latex</i>	Prof. Mercyamma Jacob, Associate professor, NCM	4/07/2015
3.	Seminar on <i>Mathematical Concepts in Chemistry</i>	Dr. Dominic Jacob E (Former faculty member)	12/8/2015
4.	Endowment lecture <i>The enchanting world of organic chemistry and organic synthesis demystified</i>	Dr. Vijay Nair (Honorary Scientist, NIIST, Thiruvananthapuram)	14/11/2015
5	Two day UGC sponsored National seminar <i>Advances in Spectroscopic Identifications</i>		4-5 th December 2015
6	Two-Day National Seminar on 'Political Economy of Sustainable Development of Kerala In The Context of Gadgil –Kasthuri Rangan Report'	Adv. Joice George MP, Idukki	29-10-2015 to 30-10-2015
7	a valuable talk was given on the topic 'Sustainable Economic Development'	Dr.Murali Vallabhan,former Principal, NSS College Vazhur.	
8	2 day national seminar on 'New Trends in Postmodern Hindi Literature'.	Dr Sanjay Madhar (Dhkshin Bharat	25&26th February 2016
9	UGC sponsored National Seminar on "Divergent Indian Voices: New Contours in Postcoloniality"	20/08/2015	22 and 23 February 2016
10	a two day National Seminar on New Trends in Applied Statistical Methodology with special emphasis on Time Series Analysis	Dr. A M Mathai, Emeritus Professor, MCGILLUniversity, Canada	12-13 February 2016
11	One Day Ayurveda Seminar in collaboration with DSS., M.G. University, Kottayam.	Dr K.Murali	
12	One Day Ayurveda Seminar in collaboration with The Pathanjaly Centre for Indigenous Studies On Ayurvijnaiyam		

13	a seminar on Queuing theory	Dr. K P Jose St. Peters College Kolencherry	1st July 2016
14	A seminar titled “Application of Physics in current day Medicine”	Dr. Thomas Joseph (MS, FRCS), Cumberland Infirmary, NorthCumbria University Hospitals, UK	3rd August 2015
15	The Department of Physics, Nirmala College Muvattupuzha in association with IUCAA Resource Centre, CUSAT, Cochin and IUCAA Pune, organized an interactive session ‘A DAY WITH SCIENTIST’	cosmologist and astrophysicist Padmabhooshan, Padmavibhooshan Prof. Jayant Vishnu Narlikar along with his better half Dr. Mangala J. Narlikar, the eminent mathematician	9th February 2016
16	Gravitational Waves-The New Waves in Physics, Technology and Astronomy”	. Dr. C.S. Unnikrishnan , Tata Institute of Fundamental Research (TIFR), Mumbai	30th December 2015
17	Professor Sunny Joseph Memorial Endowment Lecture on “Exploring nanostructures using scattering of electromagnetic radiation”	Dr. P.A. Hassan, Head of the Thermal & Interfacial Chemistry Section, Chemistry Division, Bhabha Atomic Research Centre (BARC), Mumbai	25th February 2016
18	“Resource recovery and Management” .	Mr Sooraj Abraham	13 th august
19	Vegetative Propagation and organic farming	Mr. George	14 November
20	A one Day seminar on” Role of secondary metabolites in the development of new formulations	Dr Molly Mathew, Principal Malik Dinar College, Kazarkode	
21	A Dry and Fresh Flower arrangement Programme	Ms Sonia	20 February
22	A seminar on " Apiculture and uses of Honeybee products”	Mr Sugadhan , Mr Ravi and Mr Raju, representatives of KODS (Kerala organic developmental society) , Udumbannoor	20 February
23	Department of Economics in collaboration with Department of Political Science, organized, a discourse on the Topic ‘PompilaiOrumaiyumMunnarPrakshobhavam’.	Smt. Lissy Sunny, President, PompilaiOrumai, Smt. Kousallya, Vice President, Smt. Rajeswary, Secretary, Sri. Bastin were led the session.	30th November 2015
24	The Indian Economy Series was	Dr. Martin Patric and Dr	04-03-

	organized by the Department of Economics	Muraleedharan S.	2016,
25	REturN, Alumni Returns program was organized on 09/03/2016 which gave an excellent opportunity to the students to interact with selected prominent Alumni of the Department of Economics	Mr. Thomas Mathew ,Parackal Alumni	09/03/2016
26	co hosting an international seminar in association with NGO Plan@Earth on the topic “Climate Change		
27	Interactive sessions from experts have also been arranged as a part of getting excellence in academics,	Mr. HazhimBassher CEO of LazzaIce-Cream and Mr. Shaji, Director of Academy Business Management, Tourism and Research Bangalore	
28	Lecture on ‘Current trends & Job opportunities in Tourism’.	by Dr. Shaji, former HOD, Dept. of Tourism Studies, Christ College, Bangalore	☐ 11/09/15
29	“CYBER ECOSYSTEM: TRENDS AND CHALLENGES”	Ms. Mini Ulanat (Systems Manager, CUSAT Kochi)	21stJuly
30	2 day national level Seminar “Innovative trends in Changing Indian Corporate Scenario”		10 th & 11 th Sept 2015
31	Bhasantharam	Dr. Pious Malekandathil And Dr. Mujinadu Padmakumar	
32	Arthantharam	Mr. Sajay K.V and Dr. Aju Narayanan	

3.12 No. of faculty served as experts, chairpersons or resource persons: 5

2	1	2
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Ms. Sophy Thomas – Chairperson P.G Board of studies

Dr. Suja C- resource person for seminar

Dr. Johny Scaria- Subject expert

Dr. Gireesh Kumar- Director – Continuing Education

Dr. Biji M.P –Resource person

3.13 No. of collaborations International National
 Any other 3

1. Zoology – As part of the Science Popularisation Programme of KSCSTE, the Govt. of Kerala sanctioned a project to Dr. Gigi K. Joseph for the establishment of Butterfly Gardens. Total cost of the project is Rs. 1,50,000/-

2. Career Guidance Cell – Collaboration with ETEN (IAS Coaching), New Delhi

3. Botany – Spices Board, Ernakulam

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs:

From funding agency From Management of University/College

Total

- * 1. Net Facility 25,000/- (BSNL)
- 2. Asianet Broadband – 40,000/-
- 3. BSNL EVDO – 10080/-
- 4. Over Head Expenses – 1,00,000/-

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	Nil
	Granted	Nil
International	Applied	Nil
	Granted	Nil
Commercialised	Applied	Nil
	Granted	Nil

3.17 No. of research awards/ recognitions received by faculty and research fellows
 Of the institute in the year

Total	International	National	State	University	Dist	College
	1	2				

3.18 No. of faculty from the Institution
 who are Ph. D. Guides
 and students registered under them

3.19 No. of Ph.D. awarded by faculty from the Institution Dr. Santhosh J.

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF SRF Project Fellows Any other

JRF

- i. Parvathy P. Chandran
- ii. Shafeer T.K.
- iii. Ponnumol A.V.
- iv. Arun Ajith
- v. Anila A.S.

3.21 No. of students Participated in NSS events:

University level State level National level International level

3.22 No. of students participated in NCC events:

University level State level
National level International level

3.23 No. of Awards won in NSS: Nil

University level State level
National level International level

3.24 No. of Awards won in NCC: Nil

University level State level
National level International level

3.25 No. of Extension activities organized

University forum College forum
NCC NSS Any other

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

- Organ donation campaign

- Blood group identification and blood donation
- Mushroom Cultivation programme
- Fund collection of Rs. 41223/- by *the NSS Palliative club to help Ambily Fathima* of CMS College, who is affected by heart and lungs disorder.
- The NSS special camp encompassed many *socially committed community programmes* like
 - a. Cancer identification camp
 - b. Health survey
 - c. Bio-cultivation
 - d. E- governance classes
 - e. library construction with 300 books
 - f. setting up of Science lab in Govt. HS Mamalakandom
 - g. preparation of 40 cents worth vegetable garden around the school.
 - h. A Manuscript Magazine. “Thaliru” is another attraction of the camp.
- An intercollegiate camp on “*Women’s Security: Practical Measures*” was conducted in association with Janamythri police from 29th to 31st January delivering practical sessions on self defense for girls and parallel sessions for boys regarding the role of men in women’s security.
- Home for homeless programme the NSS unit undertook the *construction of three houses in Nadukani*, by providing them financial and physical help.
- *Udyog - 2015 was a mega job fair* that was organized across Kerala by the National Service Scheme in the month of May by putting a counter in Nirmala College to help the aspiring candidates providing brochures and application forms.
- “*Seven billion dreams, one planet, consume with care.*” initiated by NSS unit for the observance of environmental day distributed 150 plant saplings to the students and some saplings were planted in the college campus.

- As a protest against the laxity of authorities to take measures to control *the attack of stray dogs* **a rally** was, a signature collection was conducted in the college on 25th June 2015 in association with All India Red Cross Society to submit a complaint to the president of India to take necessary steps to control the stray dogs that are a threat to the public.
- The NSS Unit conducted a *blood donation Camp* in association with Regional Blood Transfusion Centre, Aluva at Nirmala College Muvattupuzha on 27th July 2015. Forty donors including students and teachers donated blood in the camp.
- The orientation for newly enrolled volunteers of NSS unit was conducted on 15th August 2015 followed by *campus cleaning programme and planting of bamboo saplings* in and around the campus.
- As part of Chingam 1st celebrations, the NSS unit of Nirmala College celebrated farmer's day in the adopted village, Avoly. The *farmers were honoured* during the programme. The volunteers performed various cultural events during the occasion.
- The NSS Unit of Nirmala College celebrated *Onam with the inmates of Providence Home Karakunnam, Muvattupuzha* on 22nd August 2015. The volunteers shared payasam with the inmates and entertained them with cultural programmes.
- The NSS minicamp of the year was conducted from 4th – 6th September 2015 with *personality development* as the main theme. *A soap making workshop* was also arranged during the camp.
- In the month of September the unit organized *a herbal gardening programme*. in association with HDFC Bank. The unit planted about 300 plants inside the campus.
- On 10th September 2015, a *blood group identification camp* was organized to add the names of the first year students to the blood donation register.
- NSS Volunteers participated in the *world Heart Day Celebrations* held at Muvattupuzha on 29th September 2015 and participated in the mass run which was flagged off by the Indian Cricketer Sreesanth.

- On October 2nd 2015, the NSS Unit of Nirmala College celebrated *Swachatha divas*. On this day a campus cleaning programme and an organic farming programme were conducted. As part of the celebration the volunteers took the swachatha divas oath to keep their campus clean. To popularize organic farming among the public, the volunteers visited several houses in Avoly Panchayat and planted curry leaves saplings.
- The *second blood donation camp* of the year was conducted on 9th December 2015 in association with Kottayam Medical College and HDFC Bank. Several students and teachers donated blood during the camp.
- The NSS Volunteers of Nirmala College actively served as volunteers during the 42nd *Jawaharlal Nehru National Science Mathematics and Environmental Exhibition* for Children 2015.
- The NSS Unit in association with Rajagiri outreach conducted a *Padayathra* on 8th January 2016 to enlighten the public regarding the necessity of cleanliness.
- An *introductory session on E-governance* was conducted for the first year degree students of the college on February 3rd 2016 so as to enable them to use government services online.
- NCC unit of our college initiated '*Blood for the Poor*' programme and 50 cadets donated their blood for the project.
- On 14th August 2015 all undergraduate students and faculty of Zoology Department visited *Divyarakshalam, Pynkulam*, a charity centre and shelter for orphans and differently abled. Students handed over Rs 15400 and clothes to them and interacted with inmates.

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	53 acres		Own	53 acres
Class rooms	76			76
Laboratories	4			4
Seminar Halls	5			5
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	8	1	FIST, KSCTSE,	9
Value of the equipment purchased during the year (Rs. in Lakhs)	1125836	4,00,000		1525836
Others				

4.2 Computerization of administration and library

A fully automated library with international specifications having 68529 books, 312 journals and internet facility.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books: Main Library	60176	658366	67	9475	60243	667841
MCA Library	6130	196752	1485	404775	8285 (582 MRP)	601527
Reference Books						

e-Books						
Journals Main Library	150	154612	91	126741	241	281353
MCA Library			71	214300	71	214300
e-Journals		5000				5000
Digital Database						
CD & Video			41			
Others (specify)						

.4 Technology up gradation (overall)

	Total Computer s	Compute r Labs	Interne t	Browsi ng Centres	Compute r Centres	Offic e	Depar t- ments	Othe rs
Existin g	430	4	2	1				1
Added								
Total	430	4	2	1				1

Computer lab

1. MCA
2. BCA
3. Commerce
4. Language lab

Internet Lab

1. Statistics
2. MCA

Browsing Centre

1. Media centre

4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

4.6 Amount spent on maintenance in lakhs :

i) ICT

1.25

ii) Campus Infrastructure and facilities

3.5

iii) Equipments

1.5

iv) Others

1

Total :

7.25

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

1. Open House Programme -The Department of Physics of the college in association with Physics association conducted a lab visit to Sophisticated Test and Instrumentation Centre (STIC), CUSAT, Cochin on 26.02.2016 as part of the OPEN HOUSE programme organized by STIC. 46 students and 3 teachers participated in the programme. The organizers demonstrated research instruments and their characterization techniques. The instruments include FT-IR Spectrometer, Gas Chromatograph – Mass Spectrometer, ICP Atomic Emission Spectrometer, thermal Analysis DTA/TGA, Scanning Electron Microscope, FT NMR Spectrometer, X-Ray Powder Diffractometer, Single-Crystal X-Ray Diffractometer and High Resolution Transmission Electron Microscope.

2. Planting tree saplings in Santhisthall-Biodiversity Club members of the college regularly maintains the Santhisthall, a place allotted for the conservation of rare, endangered and threatened plants with the support of the Kerala State Biodiversity Board, Thiruvananthapuram. This year also the biodiversity club members cleaned the area, planted more number of RET species. Many RET species like *Canarium strictum*, *Cinnamomum* sp. are surviving well in Santhisthall. Faculty, members from Botany and Zoology departments also participated in the tree planting programme

3. Wildlife Photography Exhibition-In collaboration with 'THE LEAPS', Kottayam, a nongovernmental organization for nature awareness and conservation, Nirmala Nature Club and Biodiversity Club jointly organized a wildlife photography exhibition in the campus. Principal, Rev. Dr. Vincent Joseph inaugurated the function.

4. Nature Sensitisation camp at Idukki Wildlife Sanctuary by nature club of the college was conducted in Idukki Wildlife Sanctuary from 9th to 11 March 2016 for the members of Nirmala nature club and Biodiversity Club members. Kerala Forest department is bearing all the logistical expenses and offer classes, field trips through forests, Idukki lake and visit to Idukki dam top.

5. The NSS Unit of Nirmala College in association with DATRI and Santhigiri College, Vazhithala organized Stem cell Donation awareness and Donor Registration camp at Nirmala College on 26th November 2015. To educate the students about Stem Cell donation a pre-awareness campaign was conducted on 25th November 2015. 800 students registered as stem cell donors during the campaign.

6. As part of the road safety week celebrations, on 13th and 14th January the unit conducted a road safety awareness programme in Muvattupuzha town in association with Janamythri police, Muvattupuzha. The programme was also conducted in the college campus. The volunteers asked questions on traffic rules to bus drivers, lorry drivers, auto, taxi drivers, private vehicle drivers and students and teachers of the college and distributed prizes to those who answered the questions.

7. An introductory session on E-governance was conducted for the first year degree students of the college on February 3rd 2016 so as to enable them to use government services online. The session was handled by Shyn P Vincent of II physics and Akhila KR of II Maths.

8. As part of managing the E-wastes in Muvattupuzha an E waste awareness class was held on 26th February. The unit plans to collect E-wastes and dispose them scientifically in association with Clean Kerala Company, a government undertaking in this regard. 9. Walk With a Scholar Programme -Research and Learning Institutions selected for the Motivational visit as a part of Walk With a Scholar Programme (WWS)

i Kerala Science and Technology Museum

ii Trivandrum Observatory

iii Trivandrum Weather forecast

iv IAS Academy Trivandrum

v The Indian Space Research Organization (ISRO)

vi The Vikram Sarabhai Space Centre (VSSC)

vii Indian Institute of Science Education and Research, Thiruvananthapuram (IISER-TVM)

10. The campus radio was relaunched on 15 July 2015. The campus radio is named 'Campus Beats'.

11. ENCON club in association with BPCL-KR conducted painting and essay competitions. ENCON club planted in the college premises in association with Nagarjuna, Kerala, for establishing STAR forest.

12. Scholar Support Programme -For each subject in each semester, 10 students of comparatively low performance were selected of which reaches a total of 100 and trained as per the Kerala Higher Education guidelines under Scholar Support Programme (SSP)

5.2 Efforts made by the institution for tracking the progression

- The Induction programme (College and Department level) – A college-level two day induction programme is organized every year. Objectives of the College is communicated to the freshers through multimedia presentations, sharing by Principal and faculty and interactive activities like preparing Collage/Tableau etc.
- Calendar – The College calendar printed and distributed every year which states the Vision, Mission and Objectives of the College. The calendar reaches the students, teachers, staff and other stakeholders.
- Display Boards – The boards which display the Vision and Mission of the College are displayed in different parts of the campus.
- Filing of Student profile in concerned departments
- Conducting Class-wise test papers
- Evaluation of seminars and assignments in connection with curriculum
- Recoding of internal marks and comparing it with their previous marks
- Maintaining healthy teacher-student relationship during course period
- Keeping personal contacts with passed out students to understand their progression.
- Tutorial system

- For each subject in each semester, 10 students of comparatively low performance were selected of which reaches a total of 100 and trained as per the Kerala Higher Education guidelines under Scholar Support Programme (SSP)
- Arranging formal or informal get-together/alumni meets

5.3 (a) Total Number of students

2712

(b) No. of students outside the state

(c) No. of international students

14

No	%

Men

No	%

Women

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
366	236	65	295	18	2621	296	251	56	442	12	2712

Demand ratio 15.3 Times

Dropout % - 0.4

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

- Profession oriented coaching classes and trainings for competitive examinations are conducted to improve discipline related knowledge and it gives impetus to optimal student progression to higher studies and job placements.
- IAS coaching in collaboration with ETEN New Delhi.
- Coaching is provided for Bank PO Test, UGC-JRF/NET. As part of this, the college has initiated tie-ups with training institutes like Career Launcher, Thodupuzha. These

institutes are given training slots which are incorporated into the class schedule of various departments.

- Nirmala College provides opportunities for training and development by organizing soft skill development programmes such as Resume preparation, GD, personal interview, leadership skills and personality development. College frequently arranges orientation and current socio-economic trend analysis sessions to students.

- Career guidance and placements cell created a lot of opportunities for the final year students in 2015-2016. Training programmes, Personality development Classes, Soft skill development classes were conducted.

- Personality development classes were conducted for the final year UG students

- Various seminars were conducted for the students on group discussion, interview skills and industrial awareness to gain success in their careers

- Conducted coaching classes for bank clerical examinations.

- Conducted motivation classes for the final year UG students.

- Conducted higher education seminar for the final year UG students.

- The college provides other infrastructural and resource support to help students who prepare for competitive exams:

- o The career guidance cell has a special notice board to display career news and information about competitive exams.

- o The College Library has a Career Centre where reference books and question bank for competitive exams are available.

- o All P.G classes are supplied with interactive boards/Television

No. of students beneficiaries

5.5 No. of students qualified in these examinations

NET	<input type="text" value="6"/>	SET/SLET	<input type="text"/>	GATE	<input type="text"/>	CAT	<input type="text"/>
IAS/IPS etc	<input type="text"/>	State PSC	<input type="text"/>	UPSC	<input type="text"/>	Others	<input type="text"/>

5.6 Details of student counselling and career guidance

Career guidance and placements cell created a lot of opportunities for the final year students in 2015-2016.

Training programmes

- 1) Personality development classes were conducted for the final year UG students
- 2) Various seminars were conducted for the students on group discussion, interview skills and industrial awareness to gain success in their careers
- 3) Conducted coaching classes for bank clerical examinations.
- 4) Conducted motivation classes for the final year UG students.
- 5) Conducted higher education seminar for the final year UG students.

This academic year 185 students were placed in following reputed institutions through campus placement cell

Sl.No	Company	Secured placement
1	Wipro technologies	66
2	Zifo technologies	1
3	Episource India	5
4	Envestnet inc	5
5	Syntel inc	3
6	HCL Ltd	3
7	Sutherland global	26
8	KPMG	3
9	RRDonnelley	1
10	Eurotech	1

11	UST Global	1
12	TCS	9
13	ABASOFT	1
14	KPM ENGINEERING	1
15	Muthoot fincorp	1
16	Accenture	9
17	IBPS-PO(awaiting result)	2
18	IBPS-Clerical(awaiting result)	9
19	Tech Mahindra	4
20	EXL-tech	5
21	IBPS_RRB	1
22	Infosys	6
23	Cognizant	5
24	Royal bank of Scotland	4
25	Manappuram Finance	1
26	Syntel	6
27	ICICI Prudential	4
28	Inoltro	2
	Total	185

No. of students benefitted

185

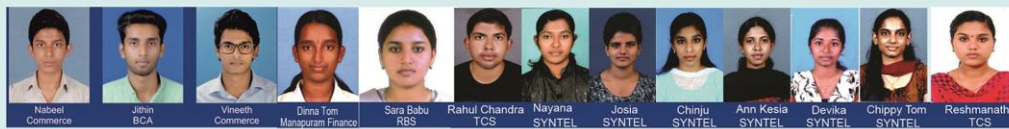
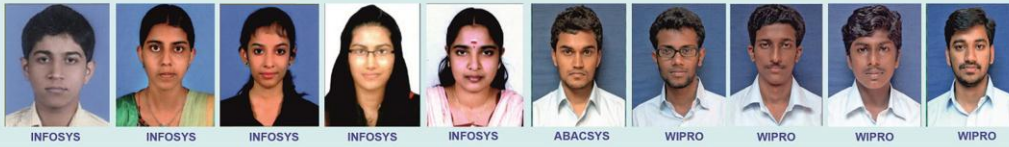
5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
1	200	26	174

Secured placement in various companies during 2015 -16

 Jeffin xavier Maths	 Jesbin Jacob Maths	 Ajeesh K.C. Maths	 Anoop Jose Maths	 Nandu Sasi Maths	 Jilsa Jose Maths	 Neethu Joseph Maths			
 Dona Mathew Physics	 Mukesh M BCA	 Jimmy Paul BCA	 Gopika Dinesh BCA	 Salumol Mathew BCA	 Jeenu Jose Nelloor BCA	 Ashna Yousuf BCA			 Sruthi S. B.Sc. Maths
 Sreelekshmi V.S. Physics	 Sona George Physics	 Ananya Raj Physics	 Amuliya Jose Physics	 Rosu Emmanuel Physics	 Anit Joseph Physics	 Neenu C.N. Physics	 Alphense John B.Sc. Chemistry	 Swetha George BCA	
 Litty Jose Chemistry	 Annu Thomas Chemistry	 Sobin Babu B.Com	 Venkitesh M.J. B.Com	 Tomin George B.Com	 Jermy Jose B.Com	 Anjaly Prakash Chemistry			
 Nayana John B.Com	 Ashique K.S. B.Com	 Anandhu Thankachan B.Com	 Rekha Devaraj B.Com	 Sambath Vijayan B.Com	 Vishnu S. Maths	 Jobin Jacob Maths			 Amal (M.Com)
 Monse Michael Maths	 Amalu Balan Maths	 Haritha Hari Maths	 Ann Treesa Babu Maths	 Gayathry D. Maths	 Arya Vidyadharan Maths	 Archana Kumar Maths	 Meera (M.Com)	 Neethu (M.Com)	
 Ninu Sebastian Maths	 Preetha Jose Maths	 Sruthi S. Maths	 Treesa Jose Maths	 Ashley Mathews Maths	 Reshmanath R. Maths	 Jilumol Josephi BCA			
 Haris Salim BCA	 Rahul Chandra BCA	 Vimal S. Kumar BCA	 Anie Roy Physics	 Roshan Sifo Maths	 Nithin MCA	 Jeffrey MCA			 Jintu MCA
 EBIN JOSEPH (MCA)	 MANSOOR (MCA)	 NITHIN (MCA)	 ANANDU (MCA)	 DEEPU (MCA)	 ALBIN (MCA)	 ANEESH (MCA)	 ARITH (MCA)	 SREELAKSHMI (MCA)	 PRIYA (MCA)

Secured placement in various companies during 2015 -16





**Akhila
BCA**



**Souparnika
Maths**



**Mukesh
BCA**



**Vishnu
BCA**



**Maria
B.Com**



**Akhila
B.Com**



**Jikky Anna
B.Com**



**Thanveer
B.Com**

5.8 Details of gender sensitization programmes

- The women cell initiated its gender sensitization activities for the year 2015-2016 on 18th January 2016 at 1.30 pm by Dr. Lissy Jose, Member of Kerala Women's Commission. The inaugural session was followed by seminar on Cyber Law.
- Women's Cell of Nirmala College decided to conducted a driving class [Four Wheel and Two Wheel] for the women staff members and female students in the academic year 2015-2016. The class started from First week of February 2016. Fifteen students attended the class and all of them got Licence.
- Women's cell conducted Women's Day Celebration on 8th march 2016 followed by a seminar on "Emotional Management for youngsters." The resource person of

the function was Dr. Sr. Shalu Koikara, Chief Clinical Psychologist, Holy Family Hospital Muthalakodam

5.9 Students Activities

5.9.1 No. of students participated in Sports, Games and other events

State/ University level National level International level

No. of students participated in cultural events

State/ University level National level International level

5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports : State/ University level National level International level

Cultural: State/ University level National level International level

Outstanding achievements in Sports

- *M G University South Zone football championship* was held at Nirmala College, Muvattupuzha
- Our football team won the *championship* in the *south zone inter university football championship* held at Amritha University Coimbatore.
- Our handball team secured *1st position* in *M G University Inter zone Handball tournament* held at Mar Thoma college Thiruvalla.
- Branton jojo of IIIB A communicative English secured *2nd position* in the 80 kg category in the M G University Best physique Championship was held at St Thomas College Pala.
- Our basketball team won the *M G University north zone basketball championship* was held at St Peters College, Kolenchery.

- One of our Basketball player Robin Joseph Varghese of 1st Bcom OMSP represented ***M G University Basketball team***, for participating ***south zone Inter University Basket ball championship*** held at S R M university Chennai.
- Tony joseph of 1M A Economics and Muhammed Bilal of III PV was selected as ***M G University Captain***, for participating All India inter university netball championship held at Panjabi university Patiala.
- ***Five players*** from our institution selected for the ***senior national netball championship*** held at ultra pradesh .
- M G University Taekwondo championship was held at B P C College Piravom on 9/1/2016 Fredin Baiju of 2nd Mathematics secured ***1st position*** in over weight category
 - a. Eldho P. Aby of 1st Bsc Zoology secured ***2nd position***
 - b. Arjun Unni of Bsc Mathematics secured ***2nd position***
 - c. Mahin Abubaker of 1BA Economics secured ***3rd position***
 - d. Manjima Goerge of 1 Bsc Mathematics secured ***3rd position***
 - e. Ammu Varghese of M C A secured ***3rd position***
 - f. ***over all Runner up in M G university taekwondo championship.***
 - g. ***Fredin Baiju*** of 2nd Bsc Mathematics selected for the ***M G university team***, for participating ***All India inter university taekwondo championship*** held at Gurunanak University Amirser Panjab on 21 & 22 March 2016.
- ***M G University Judo championship*** held at M G University Kottayam , Mani Jose of II Bcom secured ***2nd position*** in 90 kg category, Ajansha of III Physics (Voc) secured 3rd position in below 60 kg category.
- Special meeting was arranged by the college authorities in the auditorium to honor the ***outstanding sportsmen*** in various events. 16 outstanding sports persons were awarded medals and certificates in the talent day programme on 18-02-2016. ***Best player award***

was given to Eldho sunny of 1 M T A, in connection with **GOAL 2016 football tournament held at malappuram**. The prize was T VS sponsored Appachai Bike of worth Rs 80000/- (eighty Thousand).

Outstanding Achievements in Cultural Activities

Mahatma Gandhi University Youth Festival for the academic year 2015-16 was conducted at AL Azhar College, Thodupuzha and students of our college participated in several events and secured prizes.

- **2nd position** in Margamkali
- **3rd position** in Duffumuttu
- **3rd position** in Thiruvathirakali.
- **1st position** in poetry writing English
- Aveena Abee Varghese won **A grade** in in poetry writing English
- Lidhya Theresa Pius won **A Grade** in Poetry Recitation English.

5.10 Scholarships and Financial Support

	Number of Students	Amount
Financial support from institution	286	47550
Financial support from government	1003	48,08,160
Financial support from other sources	7	8650
Number of students who received International/ National recognitions		

Scholarship Received by the students from Government and other Agencies

5.11 Student organised / initiatives

Fairs : State/ University level National level International level

Exhibition: State/ University level National level International level

5.12 No. of social initiatives undertaken by the students

5.13 Major grievances of students (if any) redressed:

Criterion – VI

5. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

‘Academic Excellence with integrity of character’ of the teachers and the taught is the vision of the Institution. The coat of arms of the college bears the inscription – ‘Fear of God is the beginning of wisdom’.

The Mission of the college is to mould educated citizens who love God, serve humanity and to help the youth grow up as competent, responsible and mature individuals with strength of character, moral uprightness and courage of conviction, imbued with qualities of head and heart.

The goals of the institution and the programmes to realize them are explicitly and categorically stated in the college Handbook cum Calendar, which is distributed at the beginning of every academic year to all members who are directly associated with the institution. Address by the Principal and the class teachers to the student community, the PTA meetings, the alumni forums are the means to make the stakeholders aware of the vision and mission of the institution. The vision and mission are also given in the College website- *www.nirmalacollege.ac.in*

The college aims at giving a dynamic and resilient education, intended to effect a transformation in attitudes, abilities and skills of the students leading to self development and consequently resulting in community and National Development

6.2 Does the Institution has a management Information System –Yes

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

1. Incorporation of Add on Course on Rural Eco-managaement
2. Introduction of the certificate course in DCA
3. Introduction of the certificate course in Vedic Mathematics
4. Establishment of the course plan for every subject well before the commencement of each semester.
5. Teacher's study materials [Soft copy-PPT slides/PDF presentation] are shared with students in some of the departments.

6.3.2 Teaching and Learning

Use of ICT

1. Establishment of the course plan for every subject well before the commencement of each semester.
2. Teacher's study materials [Soft copy-PPT slides/PDF presentation] are shared with students in some of the departments

6.3.3 Examination and Evaluation

Dissemination of Evaluation Procedures

The Principal and HOD provides information regarding the processes of evaluation to the students during the Induction programme and Class teacher's opening address to the class. The Course Plan presented to the students precisely communicates the detailed schemes of course evaluation. Student Handbook. Presentations and Interaction in Parent Teachers Association Meetings provide sufficient opportunities for students and parents to get clear idea about evaluation process.

Implementation

For the effective implementation of the evaluation reforms the institution has adopted the following mechanisms:

- External and Internal coordinator of examinations are appointed both for internal and external exam.
- Two internal exams, seminars and assignments are provided.
- Timely publication of internal marks and it is communicated to the parents.
- Benchmarking is done by IQAC in scheduling and in the conduct and timely evaluation of the examinations.
- Monitoring the conduct of examination, valuation of papers in time and dissemination of the assessment outcomes to students and parents.

6.3.4 Research and Development

The Research Committee looks into the research enhancement of the institution. It includes constituting conducting workshop and seminars on Research Methodology and SPSS, recommending for FIP (M Phil and PhD).

6.3.5 Library, ICT and physical infrastructure / instrumentation

The institution has a Library Advisory committee which comprises of a representative from the Management, Principal, and representatives from all departments, student representatives, and the Librarian. Principal presides over the meeting. The Librarian serves as the secretary to the Committee. The following are some of the initiatives introduced in the library on the basis of recommendations made by the Committee.

- Purchase of 13 newspapers
- Reading week ('Vayana Varam') is commemorated.
- New titles were added during the year

Strategies for Deploying and Upgrading the IT Infrastructure

The ICT policy states the commitment of the institution to envisioning new avenues of technology integration, and to the effective deployment and maintenance of ICT in Academic and Administrative functions. The policy promotes the indigenous

development of ICT systems utilizing the resources of the students and faculty. Efforts are also being taken to promote open source systems.

6.3.6 Human Resource Management

HRM is done as per government norms and UGC norms

6.3.7 Faculty and Staff recruitment

Well qualified Faculty and staff recruited as per UGC norms

6.3.8 Industry Interaction / Collaboration

Industry Interaction

- . Interactive sessions from experts have also been arranged as a part of getting excellence in academics, Mr. Hazhim Bassher CEO of LazzaIce-Cream and Mr. Shaji, Director of Academy Business Management, Tourism and Research Bangalore
- Current trends & Job opportunities in Tourism'

Collaborations.

6.3.9 Admission of Students

Admission of students are made as per University norms

6.4 Welfare schemes

For the aided staff UGC scale and other associated benefits are available. For the self-financing staff, the Management has made provisions for Gratuity, primary medical care, free bachelor/spinster accommodation for gents and ladies staff, subsidized food, fitness facilities, staff get-together and interest free loan for purchasing lap top. Maternity leave, Paternity leave, festival allowance, recreation facility like badminton, table tennis, basketball, multi-gym, staff family get-together and picnics are also among the welfare measures. The college has the following welfare schemes for the students also;

1. Endowments, scholarships and freships.
2. Counseling Centre
3. Wellness Centre/ Fitness centre

4. Gymnasium
5. Group/Personal Accident Insurance cover constituted by the Mahatma Gandhi University to all students.
6. Reprographic facility with printer, scanner, photocopiers, etc. (Networked facility available in media centre).
7. Insinator-Sanitary Napkin Vending Machine
8. Cafeteria
9. Clean drinking water facility - Watercooler

6.5 Total corpus fund generated

6.6 Whether annual financial audit has been done Yes No

6.7 Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic			Yes	IQAC
Administrative			Yes	

6.8 Does the University/ Autonomous College declares results within 30 days?

For UG Programmes Yes No

For PG Programmes Yes No

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

Not applicable

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

When College apply for Autonomy, the University screens the applications and forward it to the Higher Education Department.

6.11 Activities and support from the Alumni Association

- Alumni meet is conducted on second Saturday of January every year
- Meet a prominent alumni programme
- Batch wise alumni meetings

6.12 Activities and support from the Parent – Teacher Association

- PTM - conducted every semester
- Parent - Teacher association feedback is taken on all aspects

6.13 Development programmes for support staff

IT skill development, Annual retreat, team building tour programmes, etc.

6.14 Initiatives taken by the institution to make the campus eco-friendly

The college has initiated the following energy conservation activities:

- Efforts for Carbon neutrality: Tree Saplings are planted on the campus .
- The college campus is maintained by a Gardener and ecologically planning the flora distribution.
- Landscaping of the campus has done with minimum disturbance to nature and maintaining natural contours as far as possible.
- Soil erosion is prevented by growing lawn and planting trees.
- A Herbal Garden also is maintained on the campus
- Planting of saplings is organized during Rural camps (Community living camps like NSS camps, NCC) and environment day celebration.

Waste Management:

- College has taken efforts to manage plastic by converting it in to plastic granules with plastic shredding machine and will be used for tarring of the campus roads.
- The computers with low configuration are not abandoned but are used in the hardware lab where hands-on training in computer assembling, installation etc. are given.
- College has organized several programmes on the e-waste management and protecting nature.
- Students have organized, anti-plastic campaigns.

Criterion – VII

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

- Online Attendance marking system for students
- Online Feedback Mechanism of the faculty by the students.
- Online GAINPF
- Online admission process
- Online issue of Transfer Certificate
- Online data updation of faculty publications, presentations, seminar participations and projects in the teachers' portal.
- Certification Courses, Add on courses and Value Added courses
- Automation of Internal mark entry

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

- | |
|---|
| <ul style="list-style-type: none">• Interim Audit |
|---|

7.3 Give two Best Practices of the institution (*please see the format in the NAAC Self-study Manuals*)

- Certification Courses, Add on courses and Value education
- Automation of attendance and internal mark entry

7.4 Contribution to environmental awareness / protection

NSS activities are focused towards environmental awareness
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7.5 Whether environmental audit was conducted? Yes No

7.6 Any other relevant information the institution wishes to add.

(SWOT Analysis based on NAAC Peer Team Report)

Strengths

- S1 Access to a large rural, tribal, backward population.
- S2. Adequate infrastructure
- S3. Proactive management and Alumni with concern for academic growth.
- S4 Calm, natural, eco-friendly ambience ensures good academic environment.
- S5. Institution offers self financed and certificate courses.

Weakness

- W1 Lack of employment oriented add on vocational courses.
- W2 Weak research collaborations.
- W3 No provision for regular health care.
- W4 Lack of campus security arrangements.

Opportunities

- O1 Potential for MOUs/ Collaborations with reputed institutions.
- O2 Potential for generating revenue through consultancy.
- O3 Patronage of members of management.
- O4 Starting Vocational UG Programmes and attract more funding through research activities
- O5 Potential for obtaining autonomy.
- O6 College has sufficient land for further expansion.

Threats

- T1 Brand building in competitive environment.
- T2 Keeping pace with the global market trends.
- T3 Introduction of more innovative and professional programmes.

T4 Further motivation of teachers for research publications

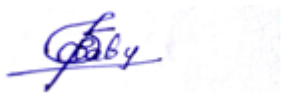
T5 Need to strengthen paid consultancy services.

T6 Extensive placement drives are to be undertaken.

8. Plans of Institution for next year

- En route all the initiatives towards Autonomous status
- To apply for CPE
- To enrich the existing programmes with add on programmes and certificate courses.
- To organize staff development programmes for the nonteaching staff and faculty development programmes for teaching faculty.
- Enhance the number of scholarships and free ships.
- More alumni interaction for supporting the weaker students
- Life- skills and human resource development training will be given to the students.
- Strengthen industry linkages and entrepreneurship development shall be a priority emphasis in line with the vision of the college
- More support and encouragement will be given for the faculty to apply for research projects and to publish their research works.
- More efforts to improve English communication skill and computer proficiency to be taken up in the Campus

Name: **Dr. Suby Baby**



Signature of the Coordinator, IQAC

Name : **Fr. Dr. Vincent Joseph**



Signature of the Chairman, IQAC