NIRMALA COLLEGE, MUVATTUPUZHA

ANNUAL QUALITY ASSURANCE REPORT
2017-2018

All NAAC accredited institutions will submit an annual self-reviewed progress report to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the institutional IQAC at the beginning of the academic year. The AQAR will detail the results of the perspective plan worked out by the IQAC. *(Note: The AQAR period would be the Academic Year. For bnexample, July 1, 2012 to June 30, 2013)*

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. T.M. Joseph

    Tel. No. with STD Code: 0485-2836300, 2832361

    Mobile: 9447851808

    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
(For Example EC/32/A&A/143 dated 3-5-2004.
This EC no. is available in the right corner- bottom
of your institution's Accreditation Certificate)

    www.nirmalacollege.ac.in

1.5 Website address:

        Web-link of the AQAR: http://www.nirmalacollege.ac.in/AQAR2014-15.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	1st Cycle		3*	1999	7th Feb 2007
2	2nd Cycle	B++	82.7	2007	31st Mar 2012
3	3rd Cycle	B	2.85	2013	22nd 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)*   2017-18

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

   i.   AQAR 2012-13   20/12/2013 (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)
- Courses offered by Centre for Continuing Education of kerala
- Foundation and Intermediate ICAI
- Certificate Courses
- Vocational Education Training

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 [ ]

DBT Star Scheme [✓]   UGC-CE [ ]

UGC-Special Assistance Programme [ ]   DST-FIST [✓]

UGC-Innovative PG programmes [ ]   Any other (*Specify*) [91st Rank]

NIRF 2017

UGC-COP Programmes [ ]

2. IQAC Composition and Activities

2.1 No. of Teachers   11

2.2 No. of Administrative/Technical staff   01

2.3 No. of students   01

2.4 No. of Management representatives

02

2.5 No. of Alumni

01

2. 6 No. of any other stakeholder and

Community representatives

02

2.7 No. of Employers/ Industrialists

01

2.8 No. of other External Experts

01

2.9 Total No. of members

20

2.10 No. of IQAC meetings held

31

2.11 No. of meetings with various stakeholders: No. [ ]   Faculty [4]

Non-Teaching Staff Students [1]   Alumni [1]   Others [ ]

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

If yes, mention the amount   Rs. 3,00,000

2.13 Seminars and Conferences (only quality related)

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

Total Nos. [86]   International [5]   National [6]   State [10]   Institution Level [65]

(ii) Themes : Academic, Environment and various relevant issues

2.14 Significant Activities and contributions made by IQAC

- Initiated a three days inter collegiate nature sensitization camp in collaboration with DSS, Mahatma Gandhi University.
- Initiated one day sacred grove conservation workshop
- Initiation of biodiversity documentation survey
- One day Nature camp with the support of Kerala Forest Department

- Enhancement of interdepartmental programmes

- Elevation of the activities of Encon club in the college along with BPCL-KRL

- Promotion of handloom exhibition

- Promotion of online/ hardbound department magazine

- Faculty exchange programme under FLAIR

- Efficacious comportment of Walk With a Scholar programme in the college

- Effectual conduct of Scholar Support Programme in the college

- Career guidance and placement cell strengthened

- Enhancement in teaching-learning process and research work

- Promotion of extra-curricular and co-curricular activities

- Enhanced employability by introducing additional interdisciplinary programmes.

- Implemented personality development programmes, soft skill development programmes, value added certificate courses & pre-placement training programmes for the students

- More avenues for students to extension and outreach activities

- Sensitizing students to ecological and environmental issues

- Seminars, conferences and invited talks arranged

- Internship at Hotels and Resorts (MTA)

- Blood group identification and donation camp in association with HDFC Bank Ltd, Muvattupuzha initiated by Red Ribbon Club of the college.

- Interdepartmental travelogue writing and photography competition.

- Distribution of food packets

- Several social outreach programmes were organized.

- Conducted Department-wise annual internal audit.

- AQAR 2016-17 was prepared and uploaded.

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
Upgradation of Post graduate departments to Research Department	➢ Zoology Research Centre

Upgradation of Science Departments	➤ The College was upgraded to DBT Star College Status
Emphasizing on students initiatives	➤ e-magazine ➤ The Resonance- Department Newsletter ➤ Instigation of Department magazine ➤ Idea club
To promote Research and extension	1. Conducted National Conferences and invited talks 2. One Faculty was awarded PhD. ➤ Mr. Aloysius Sabu 3. Research Projects ➤ One major research and student projects 4. Seven Ph.Ds were produced from research centres of the college
Industrial and Educational Visits as a part of the academic curriculum	Conducted Industrial visit, nature camps, media visit.
To arrange student support programmes	Conducted :- ➤ Certificate course in Yoga ➤ Personality development programmes and Life guidance programmes ➤ Social outreach programmes ➤ Hi-Tech farming ➤ Value added certificate courses ➤ Pre placement training programmes ➤ Soft skill training programmes ➤ Spiritual animation programmes ➤ Tutorial system ➤ Recruitment drives by esteemed organizations ➤ Reading month ➤ Anti- ragging awareness talks ➤ Health club

	➢ Bio diversity club ➢ Dialogue forum ➢ Invited talks ➢ Established more clubs ➢ Inter departmental and inter collegiate competitions ➢ Endowment lectures ➢ UGC NET coaching ➢ More programmes of IGNOU was introduced
Outreach programmes	➢ Organ donation campaign ➢ Establishment of pain and palliate care unit ➢ Blood group identification and blood donation
Career Guidance and Placement Cell to be strengthened	1. Conducted Pre Placement Training to students 2. Conducted several Recruitment Drives 3. 224 students were placed through campus recruitment drive
Promotion of arts, sports and games	1. Grabbed first position in Margamkali, third position for Elocution, A grade in Eastern and western percussion, poetry English, short story writing in English, and painting and Third position in poster designing in Mahatma Gandhi University Youth Festival 2018 2. Students participated in various inter collegiate, inter university, state and national level competitions 3. Our students excelled in M.G University Inter Zone handball tournament, Inter zone basketball tournament, University best physiques competition, M.G University

	Taekwondo championship, M.G University Netball championship, M.G University Yoga Championship
To enhance alumni interaction and support	Meet a Prominent Alumni Programme rEturN Series and also initiated departmental Mega Alumni Day
Continuing Education Programs Imparted	1. DCA (6 Months) 2. Internship at Hotels and Resorts (MTA) 3. UGC sponsored Add on course in IT(Physics Dept) 4. Yoga(Malayalam Dept) 5. Orientation Program(MCA Dept) 6. Pre-placement Training(MCA Dept)
To strengthen PTA Interactions	Conducted periodical meetings
Consultancy	Strengthened consultancy

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.

1. 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	6			
PG	14			
UG	16			
PG Diploma				

Advanced Diploma				
Diploma				
Certificate	10			
Others	1 (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.   No

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

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
142	44	88		10

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
9	9							11	11

2.4 No. of Guest and Visiting faculty and Temporary faculty

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	2	8	10
Presented papers	4	14	2
Resource Persons	1	1	7

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

MOOC, ICT enabled teaching methods

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

120

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

Centralised internal examinations

2**.9 No. of faculty members involved in curriculum restructuring/ revision/syllabus development as member of Board of Study/ Faculty/Curriculum Development workshop**

| 21 | 21 | |

2.10 Average percentage of attendance of students

94

2.11 Course/Programme wise distribution of pass percentage :

The detailed results of the University examinations are given in the following table.
UG Results -2017

Course	No. of Students appeared	No. of students passed	% of pass	Grade awarded					
				A+	A	B	C	D	Failed
B A Economics	58	33	57	1	3	15	8	6	25
B A Malayalam	30	9	30	-	3	5	1	-	21
B A Hindi	35	13	40	2	5	4	2	-	22
B A English Model III Literature & Comm. Studies	31	16	51		3	10	3	-	15
B.Sc. Maths	68	61	90	32	18	7	4	-	7
B.Sc. Physics Model I	35	26	74	2	9	15	-	-	9

Programme	Appeared	Passed	Pass %	A+	A	B	C	D	E	F
B.Sc. Physics Model II	24	10	42	1	3	6	-	-	14	
B.Sc. Chemistry	39	29	75	1	19	7	2	-	10	
B.Sc. Botany	41	27	66	1	10	14	2	-	14	
B.Sc. Zoology	37	24	65	2	6	13	2	-	13	
B.Com Model I	59	50	85	14	17	15	3	1	9	
B.Com Model III Computer Applications	35	22	63	3	9	7	3	-	13	
B.Com Model III Taxation	50	37	74	2	14	16	5	-	13	
B.Com Model III -Office Mgt.	47	21	45	1	5	8	7	-	26	
B C A	59	27	46	-	2	12	13	-	32	
BTTM	8	2	25	-	-	1	1	-	6	

UG Results - 2018

Sl. No	Programme	No. of Students appeared	No. of students passed	A+	A	B+	B	C	D	E	F	Pass %	Rank
1.	**B.A. Hindi**	32	26	3	12		9	2	-			81.3	**1,3,4,7, 8,9**
2.	**B.A. Comm. Eng.**	30	16	0	0		7	7	2	14		53.3	
3.	**BCA**	61	41	0	6		19	16	0	20		67.21	
4.	**B.A. Economics**	58	46	3	14		21	6	2	12		79	
5.	**B.Sc. Chemistry**	44	38	8	18		7	5	0	6		86.3	**7**
6.	**B.Sc. Zoology**	31	24	1	7		10	6	0	0	7	77.4	
7.	**B.Com M.III Taxation (SF)**	59	49	3	22		17	7	0	10		83.05	**3,6,7,9, 10**
8.	**B.Com M. III Comp.**	36	33		19		8	6		3		88.89	
9.	**B.Com M.III OMSP**	59	31	1	9		9	12		28		50	**3,9**
10.	**B.Com Model I**	62	61	14	33		11	3		1		98.4	
11.	**B.Sc. Botany**	39	27	1	12		11	3			12	76.92	
12.	**BTTM**	16	7				2	5				43.75	

13.	BSc Maths	63	54	26	15		12	1			9	86	**3, 7**
14.	B A Malayalam	25	13	-	4	-	8	1	-	-		52	
15.	BSc Physics Model I	43	31	8	16		7				12	72	
16.	BSc Physics Model II	30	15		8		5	2			15	50	

PG RESULTS -2017

Sl. No	Programme	No. of Students appeared	No. of students passed	A+	A	B+	B	C	D	E (failed)	Pass %	Rank
1.	M.A. Hindi	15	10			3	7			5	66.7	
2.	M.Sc. Chemistry		9		2	7					75	
3.	M.Com Aided	18	17		3	11	3			1	94	I
4.	M.Com (SF)	21	15			11	4			6	71.42	
5.	M.Sc. Zoology	13	11		2	6	3			2	84.6	I, IV, V
6.	M.Sc. Statistics	18	18	7	7	3	1				100	I, II,IV, V(3), VI
7.	M.A Economics	16	12		1	6	4	1			75	3
8.	M.A. English	16	13								81	
9.	MSc Maths	11	7		1	2	4				63.63	
10.	M.A Malayalam	16	9	-	-	4	5	-	-	-	56	
11.	MCA (3 Year)	24	18								75	
12.	MCA Direct (2 Year)	39	35								92.3	
13.	MTTM	10	10				8	2			100	
14.	MHRM	18	17								94	IV

PG RESULTS -2018

Sl. No	Programme	No. of Students appeared	No. of students passed	A+	A	B+	B	C	D	E (failed)	Pass %	Rank
1.	M.A. English	17	15		1	5	9		2		88.23	II

Sl. No.	Programme										
2.	M.A Malayalam	11	10		2	8					91	V
3.	M.Com Aided	17	15		4	11					88.2	VII
4.	M.A. Hindi	09	07			07			2		78	VI IX X
5.	M.Sc. Chemistry	12	11			10	1		1		91.6	
6.	MTTM	11	9				7	2			81.8	
7.	M.Com (SF)	21	15			11	4			6	71.42	
8.	M.Sc. Statistics	19	16	2	6	5	3			3	84.2	I, III
9.	M.Sc. Zoology	13	13			3	10				100	VI
10.	M.A. Economics	15	11			11				4	73.3	
11.	MHRM	18	15			14		1			83.33	I,III,VI
12.	M.Sc. Mathematics	12	5		4		1				41	

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 take 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

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	3
UGC – Faculty Improvement Programme	
HRD programmes	1

Orientation programmes	7
Faculty exchange programme	
Staff training conducted by the university	
Staff training conducted by other institutions	
Summer / Winter schools, Workshops, etc.	
Others	

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	10			
Technical Staff	12			

Criterion – III

3. Research, Consultancy and Extension

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

➢   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

3.2   Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	0	2		
Outlay in Rs. Lakhs		1. 29,64,000 2. 47,00,000		
		Rs. 76,64,000		

3.3   Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	3	4	8	
Outlay in Rs. Lakhs	Rs 1,00,000	Rs. 80,000	1. Rs 70,000	

	Rs 60,000	Rs. 50,000	2. Rs 89,000	
	Rs 80,000	Rs. 2,00,000	3. Rs 1,40,000	
		Rs. 1,40,000	4. Rs 1,90,000	
			5. Rs 50,000	
			6. Rs 2,00,000	
			7. Rs 1,19,000	
			8. Rs 95,000	
Total	Rs. 2,40,000	Rs 4,70,000	Rs 9,53,000	

3.4 Details on research publications

	International	National	Others
Peer Review Journals	10	13	8
Non-Peer Review Journals			
e-Journals	18	15	
Conference proceedings	4	7	

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
Major projects	3	DST & DBT	76,64,000	29,64,000
Minor Projects				
Ongoing	4	UGC	4.70,000	4.70,000
Sanctioned	8	UGC	9,53,000	9,53,000
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College				
Students research projects *(other than compulsory by the University)*	8	KSCTSCE	80000	80000
Any other(Specify)				
Total			91,67,000	44,67,000

3.7 No. of books published   i) With ISBN No. [ ]   iii) Chapters in Edited Books [18]

ii) Without ISBN No. [ ]

3.8 College receiving funds from

UGC-SAP	☐	CAS	☐	DST-FIST	✓		
DPE	☐			DBT Scheme/funds	☐		

3.9 For colleges　Autonomy ☐　CPE ☐　DBT Star Scheme ✓

INSPIRE ☐　CE ☐　Any Other (specify) ☐

3.10 Revenue generated through consultancy　　| Nil |

Sl. No	Area of Consultancy
1.	Income tax consultancy services to faculty
2.	Income tax consultation to the teaching staff and non teaching staff of the college
3	Consultancy for research data analysis
4	DRC Testing
5.	Water Analysis
6	Soil Analysis
7	Coconut yield estimation
9	Rubber yeild
10	Plant identification

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	5	6	10		65
Sponsoring agencies		KSCTSE			Dept

3.12 No. of faculty served as experts, chairpersons or resource persons: 11

Resource person for various conferences

3.13 No. of collaborations　International | 0 |　National | 2 |　Any other | 8 |

3.14 No. of linkages created during this year　　☐

3.15 Total budget for research for current year in lakhs:

From Funding agency | 96,64,000 |　From Management of University/College | 63,58,000 |

Total | 1,60,22,000 |

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

3.16 No. of patents received this year: 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
		2	5			

3.18 No. of faculty from the Institution who are Ph. D. Guides | 30 |

   and students registered under them | 62 |

3.19 No. of Ph.D. awarded by faculty from the Institution | 12 |

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

   JRF | 12 | SRF | | Project Fellows | 3 | Any other | |

3.21 No. of students Participated in NSS events:

   University level | | State level | 200 |

   National level | | International level | |

3.22 No. of students participated in NCC events:

   University level | | State level | 160 |

   National level | | International level | |

3.23 No. of Awards won in NSS:

   University level | 1 | State level | |

   National level | | International level | |

3.24 No. of Awards won in NCC:

   University level | | State level | |

National level [2]   International level [   ]

3.25 No. of Extension activities organized

University forum [   ]   College forum [5]

NCC [8]   NSS [16]   Any other [   ]

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

- Observance of service day by **collecting food packets** and handing over to **two charity homes**, Vimala Bhavan Anikadu and Snehagiri, Vazhakulam by NSS Unit of our College

- **Blood Group identification and Blood Donation campaign** by the students.

- **Solid waste management awareness programme** was conducted in Avoly Gramapanchayat.

- **Blood donation camp** in association with HDFC Bank, Muvattupuzha

- **Setting up of village library**, cleaning the premises and conducting health survey.

- **Anti- drug campaign** intercollegiate camp was organized.

- **Blood Group identification and Blood Donation campaign** by the students.

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	86			
Laboratories	8			
Seminar Halls	18			
No. of important equipments purchased (≥ 1-0 lakh) during the current year.		23		
Value of the equipment purchased during the year (Rs. in Lakhs)	70,30,000	35,69,000	OWN	

Others				

4.2 Computerization of administration and library

A fully automated library with 82000 books, 233 journals and periodicals and internet facility.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	61631	6,22,529	20369	627679	82000	1250208
Reference Books						
e-Books						
Journals	177	1,63,475	56	41317	233	2,04,792
e-Journals		5000				5000
Digital Database						
CD & Video			41			
Others (specify)						

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	389	5	2	1		2	15	1
Added	42						1	1
Total	431	5	3	1		2	16	1

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

A fully automated library with international specifications having 82000 books, 233 journals and internet facility.

4.6 Amount spent on maintenance in lakhs :

  i) ICT   13,25,000

 ii) Campus Infrastructure and facilities   3,48,52,000

iii) Equipments   3,41,966

iv) Others   9,45,120

                    Total :   3,74,64,086

Criterion – V
5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

Introduced online feedback system

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

- Conducted post admission test for the first year degree students by the zoology dept of the college.

- Organised study tours and industrial visits

- Promotion of students to participate in national seminars.

- 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.

- Arranging formal or informal get-together/alumni meets

5.3 (a) Total Number of students   2701

(b) No. of students outside the state   18

(c) No. of international students   10

Men	No	%	Women	No	%
	5	50		5	50

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
346	235	65	289	17	2539	2270	254	46	131	0	2701

Demand ratio - 14.4   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 linked to furtherance of discipline related knowledge and gives impetus to optimal student progression to higher studies and job placements.

- Coaching is provided for P O Bank Test, UGC-JRF/NET. These institutes are given training slots which are incorporated in to the class schedule of various departments.

- Nirmala has provides Training and Development which organizes soft skill development programmes such as Resume preparation, GD, personal interview, leadership skills and personality development. College frequently engages orientation and current socio-economic trend analysis sessions to students.

- The college provides other infrastructural and resource support also to help students prepare for competitive exams:
    - The career guidance cell has a special notice board to display career news and information about competitive exams.
    - The College Library has a Career Centre where reference books and question bank for competitive exams are available.

No. of students beneficiaries   135

5.5 No. of students qualified in these examinations

NET 18   SET/SLET   GATE 1   CAT 22

IAS/IPS etc   State PSC 2   UPSC 2   Others

5.6 Details of student counselling and career guidance

Placements made in 2017-2018

Sl. No.	Name	Company Name	Department
1.	**Kukku George**	**Infosys**	**Mathematics**
2.	**Anjana Shaji**	**Infosys**	**Mathematics**
3.	**Jeslin Joseph**	**Infosys**	**Mathematics**
4.	**Mariya Raju**	**Infosys**	**Mathematics**
5.	**Reshma S**	**Infosys**	**Mathematics**
6.	**Shalu Mathew**	**Infosys**	**Mathematics**
7.	**Rinu Babu**	**Infosys**	**Mathematics**
8.	**Aliga Bastin**	**Infosys**	**Mathematics**
9.	**Ann Maria Reji**	**Infosys**	**Mathematics**
10.	**Anjali P.S**	**Infosys**	**Physics**
11.	**Lakshmi S. Nair**	**Infosys**	**Physics**
12.	**Akhil Wilson**	**Infosys**	**Physics**
13.	**Aveena Abee Varghese**	**Infosys**	**Physics**
14.	**Gopika S. Kumar**	**Infosys**	**Physics**
15.	**Aparna Baby**	**Infosys**	**Physics**
16.	**Chithra Aloysius**	**Infosys**	**Physics**
17.	**Jerin M. Joy**	**Infosys**	**Physics**
18.	**Lorain Thomas**	**Infosys**	**Physics**
19.	**Sandhra Sebastian**	**Infosys**	**Physics**
20.	**Sebin John**	**Infosys**	**Physics**
21.	**Shalet Shaju**	**Infosys**	**Physics**
22.	**Sidharth Manmadhan**	**Infosys**	**Physics**
23.	**Anjaly Vijayan**	**Infosys**	**Physics**
24.	**Maneesha Mohan**	**Infosys**	**BCA**
25.	**Minu Mary Francis**	**CTS**	**Chemistry**
26.	**Aleena Bennet**	**CTS**	**Physics Voc.**
27.	**Ann Maria Reji**	**TCS- Ignite Programme**	**Mathematics**

28.	**Deepthy Augustine**	**TCS- Ignite Programme**	**Mathematics**
29.	**Raisamol K.A**	**TCS- Ignite Programme**	**Mathematics**
30.	**Aleena Shaji**	**TCS- Ignite Programme**	**Mathematics**
31.	**Ainesh Zacharias**	**TCS- Ignite Programme**	**Mathematics**
32.	**Merin Mathew**	**TCS- Ignite Programme**	**Mathematics**
33.	**Mariya Raju**	**TCS- Ignite Programme**	**Mathematics**
34.	**Jeslin Joseph**	**TCS- Ignite Programme**	**Mathematics**
35.	**Thomson Binson**	**Popular Hyundai**	**B.Com Self- tax**
36.	**Arjun A.Nair**	**Esaf Small Finance Bank**	**M.Com**
37.	**Garby Baby**	**Cool Mind Solutions, Ernalulam**	**MCA**
38.	**Ajith H**	**Bell Technolabs, Palarivattom**	**MCA**
39.	**Reshma Raj**	**Bell Technolabs, Palarivattom**	**MCA**
40.	**Avin Mathew**	**Techversant Infotech, Technopark**	**MCA**
41.	**Vishnu Raj**	**Systalent Software Pvt. Ltd. Kochi**	**MCA**
42.	**Akhil Chandran**	**In App Information Technologies**	**MCA**
43.	**Jayashankar**	**Impress Ads, Kakkanad,**	**MCA**
44.	**Anjaly Sajeev**	**Technopark, Quest**	**MCA**
45.	**Aleena Santhosh**	**Muziris Softech, Panampilly Nagar**	**MCA**
46.	**Kannan Balakrishnan**	**Muziris Softech, Panampilly Nagar**	**MCA**
47.	**Nithya Sivan**	**Wrench Solutions, Kakkanad**	**MCA**
48.	**Manu Thomas**	**Claysis Technologies Infopark, Kakkanadu**	**MCA**
49.	**Jennet A George**	**Quest, Technopark, TVM**	**MCA**
50.	**Nimmy John**	**Quest, Technopark**	**MCA**
51.	**Dency Philip**	**UST Global, Technopark, TVM**	**MCA**

52.	**Abin Thomas**	**Coolmind Solutions, Ernakulam**	**MCA**
53.	**Ameena Shukoor**	**Coolmind Solutions, Ernakulam**	**MCA**
54.	**Irine V George**	**Oges Info Tech, Technolodge, Kakkoor**	**MCA**
55.	**Eldhose George**	**Sanesquare Tech, Kozhikode**	**MCA**
56.	**Maneesha Mohan**	**Infosys**	**MCA**
57.	**Georgekutty Soby**	**SOTC, Travel Ltd. TVM**	**BTTM**
58.	**Neethumol K. Paul**	**Dream Destination, Kalady**	**MTTM**
59.	**Wincy Vincent**	**Live the Day, Thodupuzha**	**MTTM**
60.	**Nitheesh Gopi**	**QUESS Corp Ltd.**	**MTTM**
61.	**Aditha Gopi**	**ISON BPO Service**	**MHRM**
62.	**Ann Maria Jose**	**GICE**	**III B.A. English**
63.	**Stephy James**	**GICE**	**II M.A. English**
64.	**Anita Thomas**	**GICE**	**II M.A. English**
65.	**Angel Mary John**	**GICE**	**II M.A. English**
66.	**Akash M. Nair**	**GICE**	**II M.A. English**
67.	**Vijay P. Prince**	**GICE**	**II M.A. English**
68.	**Swapna Lukose**	**GICE**	**II M.A. English**
69.	**Sona John**	**GICE**	**II M.A. English**
70.	**Paul Newman Joy**	**GICE**	**III B.A. English**
71.	**Jestin George**	**GICE**	**III B.A. English**
72.	**Abhijith K. Gopi**	**GICE**	**III B.A. English**
73.	**Chinnu Rose Joseph**	**GICE**	**III B.A. English**
74.	**Bini Paul**	**GICE**	**III B.A. English**
75.	**Aslam Salim**	**GICE**	**III B.A. English**
76.	**Smruthy Sathyanath**	**GICE**	**III B.Com Office Mgt.**
77.	**Nigi James**	**UAE Exchange, Kochi**	**III B.A. English**
78.	**Febin Fathima**	**UST Global**	**BCA**

79.	**Rahul S**	**EY Global Delivery Services, Bangalore**	**III B.Com Comp. Appln.**

No. of students benefitted   79

5.7 Details of campus placement

On campus			Off Campus
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
0	104	79	182

5.8 Details of gender sensitization programmes

Women cell of the college initiates the gender sensitization programmes

5.9 Students Activities

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

State/ University level   29   National level   3   International level

No. of students participated in cultural events

State/ University level   4   National level   International level

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

Sports : State/ University level   4   National level   1   International level

Cultural: State/ University level   5   National level   International level

5.10 Scholarships and Financial Support

	Number of Students	Amount
Financial support from institution	165	28000
Financial support from government	1018	4803140
Financial support from other sources	25	28000
Number of students who received		

International/ National recognitions		

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   18

5.13 Major grievances of students (if any) redressed: _____

Criterion – VI

6. 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

> - Certificate Programmes –Introduction
> - ICAI – Foundation and Inter

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. 44 ICT enabled classrooms
>
> 3. Google Classroom, NPTEL, ePG pathshala, etc

6.3.3 Examination and Evaluation

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).

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.

> ➢   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/organization interaction happens at three levels – firstly, as a means to enhance and enrich the curriculum delivery; secondly, to gather feedback on curriculum and training, and finally, industry coming to the campus for job recruitment. The college facilitates this by formalizing the relation through MoUs and academic linkages.

6.3.9 Admission of Students

> **Admission of students are made as per University norms**

Student admissions are strictly done on the basis of University and Government rules. We cater to students from different socio-economic factions of the society. The government quota admissions are done from the university trough centralized allotment. The college also provided equal opportunity for SC/ST/OBC students and a significant number of students belonging to this community got admission this year.

6.4 Welfare schemes for

Teaching	**PF, Gratuity, Medical Insurance,**
Non teaching	**Medical Insurance, Loan facility**
Students	**Merit Scholarship**

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 freeships.
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 - Water cooler

6.5 Total corpus fund generated

| 6,45,32,820 |

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:

1. The college campus is maintained by a Gardener and ecologically planning the flora distribution. Landscaping of the campus is done with minimum disturbance to nature and maintaining natural contours as far as possible. Soil erosion is prevented by growing lawn and planting trees.

2. A vegetable garden was set in the college campus

3. A Herbal Garden also is maintained on the campus

4. Planting of saplings are organized during Rural camps (Community living camps like NSS camps, NCC) and environment day celebration.

5. College has taken efforts to manage plastic and e-waste on the campus.

6. The computers with low configuration are not abandoned. Instead, they are used in the hardware lab where hands-on training in computer assembling, installation etc. are given.

7. College has conducted several programmes on the theme of managing waste 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.

- ➢ Attendance tracking system for students
- ➢ Online Feedback Mechanism
- ➢ Online 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

- Interim Audit

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

- ➢ Certification Courses and Value Education Classes
- ➢ Automation of attendance and internal mark entry

*Provide the details in annexure (annexure need to be numbered as i, ii,iii)

7.4 Contribution to environmental awareness / protection

NSS activities are focused towards environmental awareness

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. Library and office automated.

S6. 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.

Oppurtunities

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

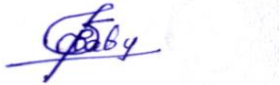T5 Need to strengthen paid consultancy services.

T6 Extensive placement drives are to be undertaken.

8. Plans of institution for next year

- 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: **Dr. T.M.Joseph**

_____

Signature of the Chairman, IQAC