



Yearly Status Report - 2016-2017

Part A

Data of the Institution

1. Name of the Institution		NESAMONY MEMORIAL CHRISTIAN COLLEGE, MARTHANDAM
Name of the head of the Institution		Dr. K PAUL RAJ
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		04651270257
Mobile no.		9443370257
Registered Email		principalnmcc2014@gmail.com
Alternate Email		iqacnmccm@gmail.com
Address		Main Road, Marthandam
City/Town		Marthandam
State/UT		Tamil Nadu
Pincode		629165

2. Institutional Status	
Affiliated / Constituent	Affiliated
Type of Institution	Co-education
Location	Semi-urban
Financial Status	Self financed and grant-in-aid
Name of the IQAC co-ordinator/Director	Dr. A. Vijayan
Phone no/Alternate Phone no.	04651270257
Mobile no.	9442556824
Registered Email	iqac@nmcc.ac.in
Alternate Email	iqacnmccm@gmail.com

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	https://nmcc.ac.in/iqac/AOAR_Report_2015_16.pdf
--	---

4. Whether Academic Calendar prepared during the year	Yes
--	-----

if yes,whether it is uploaded in the institutional website: Weblink :	https://nmcc.ac.in/iqac/AcademicCal2016_17.pdf
--	---

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
2	A	3.01	2014	06-May-2014	05-May-2019

6. Date of Establishment of IQAC	16-Jun-2004
---	-------------

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Orientation Programme for	20-Feb-2017	174

Teachers - New Initiatives in Enhancing Consultancy, Collaboration Extension and Research activities	1	
An International Conference on Nano Technology: The Fruition of Science [ICON	15-Feb-2017 2	168
Multidisciplinary National Conference on Research in Present Scenario [RESCON 2017]	27-Jan-2017 1	182
Orientation Programme for Student Representatives - Enhancing Student Learners to Produce Positive Impact	20-Dec-2016 1	138
Orientation Programme for Teachers - Teaching Strategies	17-Dec-2016 1	176
Seminar for Students - World Space Week 2016	04-Oct-2016 1	186
Orientation for Junior Teachers - Teaching Techniques	24-Sep-2016 1	42
Workshop for HoD	06-Aug-2016 1	22
Orientation Programme for Teachers - Practical Teaching Strategies	17-Jun-2016 1	172
View File		

8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Principal	Grants under the scheme Additional Assistance to colleges already under 12B during 12th plan period Reimbursement	UGC- South Eastern Regional Office	2017 365	397611
Dr. G.D. Biji	Workshop- Bioinformatics and Sequence Analysis	UGC- South Eastern Regional Office	2017 1	58400

Dr. T. F. Abbs Fen Reji	Group theory and its applications in Chemistry	UGC- South Eastern Regional Office	2017 1	85000
Dr. W. R. Sam Emmanuel	Mobile application development using Eclipse	UGC- South Eastern Regional Office	2017 1	78000
Mrs. S. Viola Roses	Minor Project-Geochemistry of Tamiraparani river in KA district of Tamil Nadu	UGC- South Eastern Regional Office	2017 730	17000
Mr. Selvin Pragalath Paul	Minor Project-Microwave assisted and nanocatalyzed syn bioactive 2 ,4-diamino-5-ke thothiazoles	UGC- South Eastern Regional Office	2017 730	14000
Dr. K. Lal Gipson	Substitute teacher Salary against FDP vacancy of Teacher Fellow Mrs. A. Pramila Inpa Rose	UGC- South Eastern Regional Office	2017 365	579648
Mrs. A.S. Jeba Malar	Substitute teacher Salary against FDP vacancy of Teacher Fellow Mr. S. C. Jeyakumar	UGC- South Eastern Regional Office	2017 365	579648
Mrs. M. Ajitha Sweetly	Substitute teacher Salary against FDP vacancy of Teacher Fellow Mrs. E. Ashlyn Kirupa	UGC- South Eastern Regional Office	2017 365	579648
View File				

9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	4

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes										
Upload the minutes of meeting and action taken report	View File										
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No										
12. Significant contributions made by IQAC during the current year(maximum five bullets)											
Conducting Orientation Programmes for Teachers and Students											
Steps undertaken for Infrastructure Augmentation											
Steps taken for the construction of a new floor in the Dennis Block											
Upgradation of the ROVAN Software for Office Automation											
Conducted several International and National Conferences and Seminars											
View File											
13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year											
<table border="1"> <thead> <tr> <th>Plan of Action</th> <th>Achivements/Outcomes</th> </tr> </thead> <tbody> <tr> <td>Purchasing new books and journals for the library</td> <td>New books were added to the library</td> </tr> <tr> <td>Upgradation of MIS</td> <td>The ROVAN Software was upgraded</td> </tr> <tr> <td>To upgrade departments as Research Centres</td> <td>Proposals were sent to the University for the establishment of Research Centre in Zoology and Management Studies</td> </tr> <tr> <td colspan="2" style="text-align: center;">View File</td> </tr> </tbody> </table>		Plan of Action	Achivements/Outcomes	Purchasing new books and journals for the library	New books were added to the library	Upgradation of MIS	The ROVAN Software was upgraded	To upgrade departments as Research Centres	Proposals were sent to the University for the establishment of Research Centre in Zoology and Management Studies	View File	
Plan of Action	Achivements/Outcomes										
Purchasing new books and journals for the library	New books were added to the library										
Upgradation of MIS	The ROVAN Software was upgraded										
To upgrade departments as Research Centres	Proposals were sent to the University for the establishment of Research Centre in Zoology and Management Studies										
View File											
14. Whether AQAR was placed before statutory body ?	No										
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No										
16. Whether institutional data submitted to AISHE:	Yes										

Year of Submission	2017
Date of Submission	06-Mar-2017
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	ROVAN is the IMS software used in the college. Student admissions, fees collections, issues of certificates were the modules which were currently operational during 201617.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

The institution follows the curriculum prepared by the affiliated university. An academic calendar is prepared by the IQAC of the college based on the guidelines given by the university. The important dates and events are clearly mentioned in the calendar. They include the commencement of internal tests, modal examination and the semester examination. At the department level an action plan is prepared for each academic year by the Head of the Department. The elective papers are selected well in advance and time table, subject allotment, class teachers, mentors, project guides etc are allotted. Course plan is prepared by all the teachers and is recorded in their course diary. It is verified by the Head of the Department followed by the Principal. Different methods such as lecture method, demonstrations, discussions, seminar presentations, use of audio-visuals etc are used in teaching. The performance of students is periodically evaluated through assignments, seminar presentations, quizzes and weekly tests and is recorded in the course file prepared by the teacher. The results of students are analysed by the staff in the department meetings and remedial classes are arranged for the slow learners. Field visits and study tours are arranged for the students as per the curriculum needs. Bridge courses are also offered to the UG students during their entry to college to help them to cope up with the shift from school to college. Coaching classes for competitive examinations, bank exam coaching classes etc are organised for the welfare of the students. Several career-oriented programmes and Certificate Courses are conducted for the benefit of the students.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employability/entrepreneurship	Skill Development
Certificate Courses In Entrepreneurship	-	16/06/2016	1	Entrepreneurship	Yes
	-	16/06/2016	1	Employability	Yes

Certificate Courses In Spoken English - Batch 1	-	16/06/2016	1	Employability	Yes
Certificate Courses In Spoken English - Batch 2-	-	16/06/2016	1	Entrepreneurship	Yes
Certificate Courses In Herbal Science	-	16/06/2016	1	Employability	Yes
Certificate Courses In Business Communication	-	16/06/2016	1	Employability	Yes
Certificate Courses In Import Export Management	-	16/06/2016	1	Employability	Yes
Certificate Courses In Computer Aided Accounting	-	16/06/2016	1	Entrepreneurship	Yes
Certificate Courses In Visual Communication - Batch 1	-	16/06/2016	1	Entrepreneurship	Yes
Certificate Courses In Visual Communication - Batch 2	-	16/06/2016	1	Entrepreneurship	Yes
Certificate Courses In Graphics For Visual Communication	-	16/06/2016	1	Employability	Yes
Certificate Courses In	-	16/06/2016	1	Employability	Yes

Car Driving	-	16/06/2016	1	Employability	Yes
Certificate Courses In Air Ticketing And Cargo Management	-	16/06/2016	1	Employability	Yes
Certificate Courses In Computational Biology	-	16/06/2016	1	Employability	Yes
Certificate Courses In Stock Marketing - Batch 1	-	16/06/2016	1	Employability	Yes
Certificate Courses In Stock Marketing -Batch 2	-	16/06/2016	1	Employability	Yes

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nil	NIL	Nil
No file uploaded.		

1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BSc	Computer Science (SF)	16/06/2016
BSc	Mathematics	16/06/2016
BSc	Botany	16/06/2016
BSc	Zoology	16/06/2016
BA	Tourism	16/06/2016
BA	Economics	16/06/2016
BA	English (Aided)	16/06/2016
BA	English (SF)	16/06/2016
BA	History (English Medium)	16/06/2016
BA	History (Tamil Medium)	16/06/2016
BA	Tamil	16/06/2016
BBA	Business Administration	16/06/2016

BCom	Commerce (Aided)	16/06/2016
BCom	Commerce (SF)	16/06/2016
BCA	Computer Application	16/06/2016
BSc	Chemistry	16/06/2016
BSc	Computer Science (Aided)	16/06/2016
BSc	Physics	16/06/2016
MA	Economics	16/06/2016
MA	English	16/06/2016
MA	History	16/06/2016
MA	Tamil	16/06/2016
MBA	Business Administration	16/06/2016
MCom	Commerce	16/06/2016
MCA	Computer Application	16/06/2016
MSc	Botany	16/06/2016
MSc	Chemistry	16/06/2016
MSc	Computer Science	16/06/2016
MSc	Mathematics	16/06/2016
MSc	Physics	16/06/2016
MSc	Zoology	16/06/2016
MTTM	Tourism	16/06/2016
MPhil	Economics	16/06/2016
MPhil	English	16/06/2016
MPhil	History	16/06/2016
MPhil	Tamil	16/06/2016
MPhil	Commerce	16/06/2016
MPhil	Botany	16/06/2016
MPhil	Computer Science	16/06/2016
MPhil	Zoology	16/06/2016
MPhil	Chemistry	16/06/2016
MPhil	Mathematics	16/06/2016
MPhil	Physics	16/06/2016
MPhil	Business Administration	16/06/2016

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	501	0

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Value based Education	16/06/2016	1402

[View File](#)

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BSc	Botany	36
MA	History	31
MSc	Mathematics	14
MSc	Botany	20
MCom	Commerce	22
MSc	Chemistry	25
MPhil	Botany	7
MPhil	History	17
MPhil	Commerce	8

[View File](#)

1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained
<p>The college assesses the feedback given by the stakeholders namely students, teachers, employers, parents and alumni. The feedback is collected from the students during each semester and from their parents during annual parents meeting. The structured feedback collected from the stakeholders is analysed by the IQAC and presented in appropriate bodies like staff council for further decisions to be taken. Based on the students feedback many new books on current trends were added to the reference section of the library by the college. The matters related to curriculum development are brought to the attention of policy makers by the staff members representing the college in the Board of Studies. The alumni feedback is collected during the graduation day organised by the college and department alumni meetings. The analysed feedback shows that they are happy with the teaching methods and the measures are undertaken for the holistic development of the students. The alumni feedback stresses the need for inviting more companies for placement drives on campus. The number of university ranks secured by the students of our college is very good feedback for the teaching learning process undertaken by the institution. The students also feel that the curriculum is useful for enriching their knowledge.</p>

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the	Programme	Number of seats	Number of	Students Enrolled
-------------	-----------	-----------------	-----------	-------------------

Programme	Specialization	available	Application received	
BA	Economics	64	83	64
BA	English (Aided)	64	735	64
BA	English (SF)	64	189	64
BA	History (English Medium)	64	106	63
BA	History (Tamil Medium)	64	107	62
BA	Tamil	64	155	57
BBA	Business Administration	64	78	53
BCom	Commerce (Aided)	64	301	48
BCom	Commerce (SF)	64	301	48
BCA	Computer Application	48	56	48

[View File](#)

2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2016	973	287	37	61	87

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
186	90	7	18	4	5

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

An effective mentor system is functioning in the college with 186 mentors. The students of a class are divided into groups and a teacher is allotted to each group from the department as mentor. The basic details of the students and their performance in the internal tests are maintained in a register by the mentor and special attention and support is given to the slow learners. Students interested in sports, games and fine arts are identified, and encouraged to take part in various competitions organised by the college and other institutions. The mentor listens to the student who shares academic and personal matters, motivates them and helps them in achieving their goals. The mentor addresses the mentee in a friendly manner, gives guidance and counselling and instils confidence to face the challenges of life. After getting the periodic feedback from the mentors separate counselling sessions are arranged for the students with the help of experts.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
3663	186	1 : 20

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
186	186	0	12	113

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
Nil	NIL	Nil	Nil
No file uploaded.			

2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BA	1107	1	19/05/2017	26/09/2017
BA	1103	3	17/05/2017	13/09/2017
BA	1103	2	20/05/2017	26/09/2017
BA	1103	1	19/05/2017	26/09/2017
BA	1103	1	10/05/2017	26/09/2017
BA	1103	2	20/05/2017	26/09/2017
BA	1103	3	17/05/2017	13/09/2017
BA	1105	1	19/05/2017	26/09/2017
BA	1105	2	20/05/2017	26/09/2017
BA	1105	3	17/05/2017	13/09/2017
View File				

2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

The continuous internal evaluation system (CIE) at the institutional level follows the guidelines prescribed by the affiliating university. Based on the curriculum, portions are completed by the teachers within the credited hours as per the lesson plan. Three internal examinations are conducted for each course and the average score of the best two performances are taken for grading. This is calculated for 20 marks for UG and 15 marks for PG. 5 marks is allotted for assignment in UG and 10 marks for assignment and seminar presentation in PG. The external examination is conducted for 75 marks. In addition to the internal examinations, weekly tests and quizzes are conducted. The students are also asked to work out the previous year's question papers which are available in

the college website. At the end of the semester, model examination is conducted and the performance of the students is evaluated before the University exam. The marks obtained by the students of a class are displayed in the department notice board and mark sheets are also sent to the parents. The performance of the wards is noted by the mentors and is discussed with the parents during the class wise parent's meeting conducted by the Departments. Based on the performance of the students, Remedial coaching classes are conducted for the slow learners. Quizzes and problem-solving sessions are conducted for the students, and advanced learners are encouraged to take class seminars. They are also motivated to appear for competitive examinations through various career guidance programmes provided by the college.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

The academic calendar prepared by the IQAC of our college is based on the academic calendar framed by the University for the year. The calendar gives the date of commencement of classes for UG, PG and MPhil programmes. It also encloses the tentative dates for Internal assessment examinations as well as university semester exams with its possible semester break. Academic calendar is designed with dates along with the day order to be followed on each day. It also accurately indicates the national as well as international occasions to be celebrated during the academic year. Public holidays are furnished with the name of the occasion. The college celebrations like Fine Arts day, Onam Celebrations, Annual day, sports day, alumni day and various other programs are mentioned in the calendar. The academic calendar is printed in the handbook prepared by the IQAC for the students. The patriotic proceedings such as the national pledge and the national anthem is also a part of the college handbook. The handbook also contains the details of the teaching and non-teaching staff members, departments and committees, programmes and courses offered by the institution with the course codes.

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

https://nmcc.ac.in/iqac/NMCC_Programme_Outcome.pdf

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
1103	BA	Economics	47	16	34
1105	BA	English	126	116	92
1107	BA	History (English Medium)	60	28	47
1108	BA	History (Tamil Medium)	53	16	30
1113	BA	Tamil	61	52	85
1201	BBA	Business Administration	52	28	54

1401	BCA	Computer Application	44	24	55
1504	BSc	Chemistry	46	41	89
1517	BSc	Mathematics	46	42	91
1522	BSc	Physics	48	36	75
View File					

2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

https://nmcc.ac.in/igac/NMCC_SSS_2016_17.pdf

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	1095	UGC	798600	510600
Minor Projects	730	UGC- South Eastern Regional Office	440000	17000
Minor Projects	730	UGC- South Eastern Regional Office	460000	14000
View File				

3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
A Two day workshop on Leadership Skills - Level 2 for HoDs	IQAC	05/08/2016
A State Level Workshop on Innovative Research Unique Publications	Nesamony Research Forum (NRF)	13/10/2016
WORKSHOP on LaTeX for Research Scholars Teachers	Mathematics	20/01/2017
Regional Level Workshop on Statistical Data Analysis using SPSS	Economics	24/02/2017
Workshop- Group theory and its applications in Chemistry	Chemistry	03/03/2017
Workshop Statistical Data Analysis using SPSS and	Economics	17/03/2017

AMOS		
National Seminar on Research in Present Scenario	Nesamony Research Forum	27/01/2017
Sthreevada Chinthakal Malayalathil	Malayalam	09/03/2017
Inter Collegiate Seminar on Career Guidance Development	Commerce	23/03/2017
National Seminar on Digital India	Commerce	24/03/2017
International conference on Nano technology the fruition of science (ICON-17)	Research Committe	15/02/2017

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
NIL	Nill	Nill	Nill	Nill
No file uploaded.				

3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Commencement
NIL	Nill	Nill	Nill	Nill	Nill
No file uploaded.					

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	0

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
Mathematics	3
Physics	1
Botany	4

3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Physics	12	Nill
International	Malayalam	3	Nill
International	Mathematics	40	Nill
International	Chemistry	6	Nill
International	Botany	16	Nill
International	English	1	Nill

International	History	1	Nil
International	Zoology	3	Nil
International	Commerce	8	Nil
International	Computer Science	4	Nil
View File			

3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
History	14
Tamil	1
Chemistry	2
English	1
Mathematics	4
Physics	1
Botany	3
Computer Science	1
Commerce	4
View File	

3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Surface Enhanced Raman Spectra and Theoretical study of an Organophosphate Malathion	Benitta, T. A. Sudhir Kapoor Christy, R. S. Raj, C. I. S. Kumaran J.T.T.	Oriental Journal of Chemistry	2017	Nil	Nil	Nil
Comparative Analysis on Structure Based Properties of Mesophilic and Thermophilic Proteins	S.C.Jeyakumar, J.Thampi Thanka Kumaran	International Journal of Latest Trends in Engineering and Technology, Special Issue - International Conference on Nanotec	2017	Nil	Nil	Nil

		Technology: The Fruition of Science -2017				
Comparative Study on Structure Based Properties in Different Structural Classes of DNA Binding Proteins.	S.C.Jeyakumar, J.Thampian Thanka Kumaran	International Journal of Advance Scientific Research and Engineering Trends. Vol.2,no.4,pp 47-55	2017	Nil	Nil	Nil
Characterization of Polycrystalline p-type transparent conducting CuFeO ₂ thin films prepared by chemical spray pyrolysis technique.	E. Ashlyn Kirupa, A. Moses Ezhil Raj	Journal of Applied Science and Engineering Methodologies, vol.2 (2016),No.3, pp.311-316.	2016	Nil	Nil	Nil
Attenuation of dilatational wave in ferromagnetic shape memory alloy polyurethane polymer composites	Chelliah Mahalakshmi, Racil Jeya Geetha, Shanmugam Vinodh Kumar, Sonai Seenithurai, Manickam Mahendran	Journal of composite materials	2016	Nil	Nil	Nil
Theoretical prediction of thermal loss coefficients	Dr. P.J.Jegan Babu, R. V. Jeyarajasekhar	Journal of Research in Science	2017	Nil	Nil	Nil
Influence of urea in the Structural, Therm	Dr.S.E. Joema	World journal of research and review	2016	Nil	Nil	Nil

al and Dielectric studies of l-Histidine Bromide(LHB) single crystals						
Synthesis, growth and characterization of pure and metal doped LHB single crystal	Dr.S.E. Joema	International journal of science and research	2016	Nil	Nil	Nil
Surface Enhanced Raman Spectra and Theoretical study of an Organophosphate Malathion	T. Asenath Benitta, Sudhir Kapoor, Sheela Christy R, Isac Sobana Raj C and Thampi Thanka Kumaran J	Oriental Journal of Chemistry Vol. 33, No. (2)	2017	Nil	Nil	Nil
Development of Surface Enhanced Raman Spectroscopy Substrates for Pesticide Detection	T. Asenath Benitta, C. Isac Sobana Raj, J. Thampi Thanka Kumaran	International Journal of Latest Trends in Engineering and Technology	2017	Nil	Nil	Nil
View File						

3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
NIL	Nil	Nil	Nil	Nil	Nil	Nil
No file uploaded.						

3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	17	79	35	41

Presented papers	28	23	6	2
Resource persons	1	10	2	33
View File				

3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Seedlings distribution	Eco Club	114	156
One day trekking to 'Marunthuval Malai' to create awareness about the importance of nature and environment,	Eco Club	5	19
Visited the Perumchilampu mentally retarded home	NSS units of NMCC	6	75
Electoral literacy drive to promote electoral participation among youth	NSS units of NMCC	6	200
Fire and safety precaution demonstration conducted to the residents of the adopted village.	NSS units of NMCC	6	90
Awareness talk on women safety	NSS units of NMCC	4	150
Heath check-up camp	NSS units of NMCC	8	20
Interaction with the residents of the adopted village at Vattaparai	NSS units of NMCC	6	25
Interaction with the school students of the adopted village, Vattaparai	NSS units of NMCC	6	30
Students rally on total sanitation to promote awareness in and around the	NSS units of NMCC	6	150

Marthandam town.

[View File](#)

3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
NIL	Nil	Nil	Nil
No file uploaded.			

3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
NIL	Nil	Nil	Nil	Nil
No file uploaded.				

3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
NIL	Nil	Nil	Nil
No file uploaded.			

3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
NIL	Nil	Nil	Nil	Nil	Nil
No file uploaded.					

3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
NIL	Nil	Nil	Nil
No file uploaded.			

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
88.5	94.64

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing
Seminar halls with ICT facilities	Existing
Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Newly Added
Campus Area	Existing
View File	

4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
LMS (Library Management Software)	Partially	1	2008

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	56129	6230672	1802	440316	57931	6670988
Reference Books	1392	224290	16	78179	1408	302469
Journals	0	0	42	95880	42	95880
CD & Video	60	25829	0	0	60	25829
Weeding (hard & soft)	1034	8501	0	0	1034	8501
Others(s pecify)	1298	0	11	0	1309	0
Others(s pecify)	419	0	0	0	419	0
Others(s pecify)	275	0	0	0	275	0
Others(s pecify)	220	0	0	0	220	0
View File						

4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under

Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
NIL	Nil	Nil	Nil
No file uploaded.			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	343	241	0	7	23	14	13	0	45
Added	11	9	0	0	0	0	0	5	2
Total	354	250	0	7	23	14	13	5	47

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

0 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
NIL	Nil

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
83	99.71	11	16.83

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

Library The library is managed by the librarian and five other staff members. Every student studying in the college is eligible to become a member of the library. Users are not permitted to take personal belongings inside the library. At the beginning of every academic year, first-year graduate students are given an orientation on library resources. All the users are asked to sign the gate register before entering the library. The library provides open access to its users. The users are asked to show their identity card at the issue counter, while borrowing books. Each borrower is responsible for the books borrowed from the library. Reference books, theses, periodicals and previous years question papers are available only for reference in the library. However, back issues of periodicals will be issued to the needy. Newspapers and popular magazines are available in the reading hall. The students, who belong to the socially, economically backward and differently-abled can avail book bank facilities. Library management software (LMS) is the ILMS software, used for library automation. A computer is installed in the library for OPAC. The library is connected with Wi-Fi facility. Eight computers are installed in the

library for the use of students. The college is a member of the INFLIBNET NLIST programme. The users have a separate username and password to access e-resources through NLIST. External users will be allowed in the library with the permission of the principal. Laboratory The college offers separate spacious laboratories for the UG, PG Research centres of Science Departments. All the laboratories have sophisticated equipments to conduct the practical and to perform experiments in connection with the research work. The students have to make entry in the log book during entry and exit to the lab. The students are expected to occupy the seat / system allocated for them. The requirements necessary for doing the practical will be provided by the department with the support of the lab technicians. The practical demonstration will be given by the teacher in charge of the respective practical. The clarifications if any will be rectified by the staff on the spot. The result obtained in the practical shall be recorded by the student in the practical observation note only after it is confirmed by the teacher. The practical record notes will be submitted periodically for correction. The lab assistant should place order for specimen. The research laboratories of our college contain delicate and advanced instruments and equipment. It is accessible for the scholars of our college for internal purposes within the campus. The students from other institution will also be allowed to use the laboratory facilities upon request by respective student and principal

https://nmcc.ac.in/iqac/NMCC_Procedures_and_Policies_2016_2017.pdf

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	0	0	0
Financial Support from Other Sources			
a) National	BC/MBC Scholarship/SC/ST Scholarship	1298	2081614
b) International	0	0	0
View File			

5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Language lab	05/07/2016	973	Institutional Level
Bridge courses	05/07/2016	973	Institutional Level
Yoga	16/06/2016	883	Institutional Level
Mentoring	16/06/2016	3663	Institutional Level
View File			

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the

institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
Nil	00	0	0	0	0
View File					

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
0	0	0

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
NIL	Nil	Nil	Nil	Nil	Nil
No file uploaded.					

5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2016	8	BBA	Management Studies	NMCC	MBA
2016	7	BA	Tamil	NMCC	MA
2016	10	BSc	Zoology	NMCC	MSc
2016	4	BSc	Physics	NMCC	MSc
2016	3	MA	Economics	NMCC	MPhil
2016	6	MA	Tamil	NMCC	MPhil
2016	4	MPhil	Tamil	NMCC	PhD
2016	2	MPhil	Physics	NMCC	PhD
2016	9	BSc.	Botany	NMCC	MSc
2016	5	BA	Economics	NMCC	MA
View File					

5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
NET	1
View File	

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Badminton Men	Institutional Level	1
Badminton Men	Institutional Level	1
Sports (Athletic)	Institutional Level	1
Indian Red Cross Society Participated in one day District level study camp for YRC	Institutional Level	1
Essay writing	Institutional Level	1
Youth Red Cross Elocution (Tamil)	Institutional Level	1
11 th Inter collegiate cultural fest, Group song	Institutional Level	1
State level cultural Competition, Folk song	Institutional Level	1
Intercollegiate Quiz Competition	Institutional Level	2
Intercollegiate Quiz Competition	Institutional Level	2
View File		

5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2016	Second Prize	National	1	Nil	UAHY160637	N. Prabhajini
View File						

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Based on the regulations of Manonmaniam Sundaranar University, members are elected for the students' council from each class every year and they elect the chairperson, vice chairperson, secretary and executive committee members to the students' council. Apart from this each class has two student representatives, one boy and a girl. The student's council works for the welfare of the students and guides them in various academic, co-curricular and extension activities.

Each department has an association for UG and PG and the student representatives lead the Associations. The teacher advisors guide the student council for organizing various activities and competitions. The students feel motivated and comfortable to take part in various academic and co-curricular activities under the council. The students' council organizes various programmes such as Inauguration Day, food festivals, sports programmes, celebrations of days, Fine arts programmes, and various other programmes. The clubs and associations have their own student secretary and joint secretary to guide them. The Executive committees of IQAC, NSS, NCC, Eco club, womens cell etc have their student representatives added to execute all the activities effectively. Through all these student committees and clubs, the participation

and cooperation of students is confirmed.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Yes (approved by the Governing Body)

5.4.2 – No. of enrolled Alumni:

860

5.4.3 – Alumni contribution during the year (in Rupees) :

86000

5.4.4 – Meetings/activities organized by Alumni Association :

The Alumni Association conducts meetings regularly. The departments also conducts separate alumni meetings every year. The final year UG and PG students enroll in the Alumni association every year. There are 75 life members apart from the students who register every year. Annual meetings and batch wise meetings are organised by the Alumni Association. Every year Alumni merit scholarships are given to the University rank holders from the college. The Alumni also contribute for the development of the college and the respective departments by mobilising funds. They also serve as resource persons in Seminars and Conferences. During the academic year 2016-17 a magic show was conducted to raise funds for the construction of an arch in the entrance of the college. Magician Muthukad from Trivandrum gave the performance. 4000 people consisting of staff members, students and parents attended the magic show. Subsequently form the funds raised an Alumni Arch was constructed in the main entrance.

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

The Institute supports a trend of decentralized governance system with proper well defined inter-relationships. The management of the institution has two main basic committees, Governing Board (GB) and Staff Council under the supervision of the chairman and the Principal. Regular meetings of these committees are held for the effective and smooth functioning of the institution. The activities of the institution are carried out of two levels. All the main decisions related to the institute are taken by the principal in discussion with the Head of departments in the Staff council. Principal is the academic and administrative head of the Institute and the Ex-officio member of the Governing Body. The Department Heads are responsible for the day-to-day administration of the department and report to the principal. In addition, any staff member can give suggestions and idea for improvement. The institution always promotes the culture of participative management by involving staff and students in various activities. Management governs all decisions of the institution. The students and faculty members are allowed to express themselves and give suggestions to improve the quality of education. The Departments and faculty function independently and also decide on the student specific activities/lectures/workshops and other programmes to be implemented. Six Centres of Excellence have been set up to promote research activity and each of them has a faculty member as the co-ordinator. Student-Faculty meetings are convened regularly. Department wise meeting between the faculty and Principal also take place regularly. A Staff Council meeting is convened every

semesterThe admission process to college is completely online. The students are selected based on Class XII marks, performance in the aptitude test and performance in the Interview. The faculty members of each department are involved in the framing of the aptitude test and are members of the Interview panel for selection of students

6.1.2 – Does the institution have a Management Information System (MIS)?

Partial

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Admission of Students	The admission process is completely manual. The applicant must satisfy the eligibility conditions of Manonmaniam Sundaranar University. Admission is given on the basis of the candidate's academic record and performance in the interview. The admission procedures are conducted by the admission committee i.e. a team of faculty members supported by the administrative staff. Orientation programme is conducted followed by a bridge course to bridge the gap between school and college.
Industry Interaction / Collaboration	The departments of the college have MOU with industry for Internship and Industrial visit. Departments are encouraged to make their courses of study relevant to industry. Industrial visits and lectures by industrial experts are conducted regularly. The students also do project work in the industry.
Human Resource Management	Faculty members were newly appointed during the academic year. Appointments are done as per govt. rules. The recruitment of faculty and non-teaching staff is done as per UGC and University guidelines. Quality enhancement programmes were conducted for the faculty members. The college ensures the participation of all the staff, students and other stakeholders in all the day to day affairs of the institution.
Library, ICT and Physical Infrastructure / Instrumentation	The college has an updated and automated library with Wi-Fi facility. Every year the latest books and reference materials are purchased. The library subscribes to e-resources (INFLIBNET N-LIST). New equipments are added to all the laboratories. An Indoor Stadium was opened for students and staff.

<p>Research and Development</p>	<p>The college provides and promotes research ambience to the maximum extent possible through adequate infrastructure support and providing a conducive atmosphere. The college has eight Research departments which holds six UGC funded minor research projects. It also has a Research Committee and Nesamony Research Forum for promoting research activities in the campus. The Research Committee organized an international conference funded by Ministry of Earth Sciences, Govt. of India and SERD - Dept. of Science and Technology, Govt. of India and also four National Seminars and Workshops. Nesamony Research Forum of the college conducted a State Level workshop on Innovative Research and Unique Publications and a Multidisciplinary National Conference on Research in present Scenario. To update their knowledge in recent trends in research, the staff are provided duty leave for participating in seminars, conferences and workshops. Teachers are also prompted regularly for submitting research project proposals.</p>
<p>Examination and Evaluation</p>	<p>The institution has an examination committee which prepares an exam calendar for the smooth conduct of internal examinations. The University conducts the theory and practical examinations during each semester. The faculty members are involved in question paper setting and evaluation process. The knowledge/understanding level of the students are continuously assessed through tests, assignments, seminars and viva voce.</p>
<p>Teaching and Learning</p>	<p>Teaching and learning process is strengthened with modern e-tools for better understanding. The College has effective feedback mechanisms in different forms through various forums to tap the expectations of student community. Brain storming sessions, Field studies, Group discussions, Case studies, demonstrations, quizzes are used to explain concepts to students and create interest in the subject. Guest talks, field trips and Project works are also given for the students. The College also offers a few certificate courses under UGC sponsored Career oriented programmes. It inculcates and cherishes special and</p>

	additional talents in students.
Curriculum Development	The CBCS curriculum approved by the Manonmaniam Sundaranar University is followed by the college. Faculty members of our college are Chairpersons/members of UG/PG Board of Studies or in both and are directly involved in the curriculum development process. The Feedback of the students and parents are taken into consideration while the curriculum is developed. The curriculum is also enriched by organizing lectures/workshops/ conferences for the benefit of the students. E-resources/ ICT infrastructure is used for teaching and additional information sharing. The college library is updated regularly to make the teachers aware of the recent developments in their subject area.

6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
Planning and Development	The various committees of the college plan for the actions to be undertaken during each academic year. They prepare a plan of action and a budget. The plan is executed after discussion with the members of the committee. Various development measures are undertaken by improving the infrastructure, purchase of equipments and computers in the lab, purchase of books and journals and so on. New software is developed for use in the library and upgradation is done in office automation.
Administration	The Administrative Management Portal ROVAN is used to record the details of the students and the admission process. Notifications of the events taking place in the college are published on the website.
Finance and Accounts	The software ROVAN is used in Finance and accounts related matters for the proper maintenance of financial records. Computerized billing system is used for the fees collection.
Student Admission and Support	The student's admission related notifications are advertised online and offline. Based on the counselling programme admissions are made.
Examination	The examination process is conducted by the University. The process such as submission of internal marks and the submission of attendance to the

University is done through the examination portal. Results are published by the university after the semester examinations.

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2016	Dr. Paul Raj K	General body meeting - Association of Management of Private colleges, Chennai	Nil	3200
2016	Dr. G. Gnana Elpinston	Capacity Building Programme, ST. Christopher's College of Education	Nil	2200
2016	Dr. Paul Raj K	International Conference at Christ Institute of Management, Pune.	Nil	11623

[View File](#)

6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2016	Orientat ion for teachers - Practical Teaching Strategies	-	17/06/2016	17/06/2016	173	Nil
2016	Workshop for HoD's - Leadership Skill Level -2	-	05/08/2016	06/08/2016	15	Nil

2016	Orientalion for Junior teachers - teaching Techniques	-	24/09/2016	24/09/2016	22	Nil
2016	Orientalion for teachers- Teaching Strategies	-	17/12/2016	17/12/2016	179	Nil
Nil	Orientalion for teachers- New Initiatives in enhancing consultancy Collaboration, extension and research activities	-	20/02/2017	20/02/2017	162	Nil

[View File](#)

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Training- Two days National Level Workshop on Cloud Computing and Networking, JPE Business Solutions and Marthandam College of Engineering and Technology at Scott Christian College, Nagercoil	1	09/09/2016	10/09/2016	2
Refresher Course- UGC Sponsored Refresher Course in Commerce Management Studies, UGC- HRDC,	1	10/11/2016	30/11/2016	21

University of Kerala, Kariavattom, Trivandrum				
Refresher Course- Environmental Sciences (Inter disciplinary), UGC-Human Resource Development Centre, Bharathiar University	1	10/05/2017	30/05/2017	21
Refresher Course- 150th Refresher Course in Multi Discipline University of Kerala, Kariavattom, Trivandrum	2	04/01/2017	31/01/2017	21
Refresher Course- 149th Refresher Course in Multi Discipline by UGC-HRDC, University of Kerala, Kariavattom, Trivandrum	1	04/11/2016	01/12/2016	21
Refresher Course in Materials Science, UGC-HRDC, University of Kerala, Kariavattom, Trivandrum	1	29/11/2016	19/12/2016	21
Refresher Course in Environmental Sciences (Inter discipline), UGC-HRDC, University of Kerala, Kariavattom, Trivandrum	1	02/02/2017	22/02/2017	21
UGC-Sponsored Orientation Programme, UGC-	3	04/11/2016	01/12/2016	28

HRDC, University of Kerala, Kariavattom, Trivandrum				
Orientation Programme, UGC- HRDC, Madurai Kamaraj University	4	26/05/2016	22/06/2016	28
Orientation Programme, UGC- HRDC, University of Kerala, Kariavattom, Trivandrum	1	04/01/2017	31/01/2017	28
View File				

6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
10	10	0	0

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<p>Admission is given to the wards of the teaching staff members of the college. Various Scholarships are also provided to their wards. During medical emergencies fund is collected and given for treatment. Festival advance is given to staff. Prompt facilitation of Provident Fund loans. Help with facilitation of bank loans. Christmas Gift is given to the staff members. Maternity leave and Gratuity is provided for staff. Hostel facility is provided for the female staff members in the college campus.</p>	<p>Admission is given to the wards of the non-teaching staff members of the college. Various Scholarships are also provided to their wards. During medical emergencies fund is collected and given for treatment. Membership for Group Insurance. Financial contribution by college to the Non-Teaching Staff Association Fund. Festival advance. Prompt facilitation of Provident Fund loans. Help with facilitation of bank loans. Christmas Gift is given to the staff members. Maternity leave, Gratuity and ESA are provided for staff.</p>	<p>Medical Support during emergencies, Financial aid to their parents Merit Scholarship (PTA, Endowments, Alumni) Sports facilities are provided. An indoor stadium and practice of games under the supervisor of the Physical Director and a gymnasium. Language lab facilities, seminar halls, students centre and bookstore for students. Alumni association - not registered Free mid-day meals is offered to the economically challenged Students. Hostel facility is provided for the female students in the college campus. Apart from the various scholarships, the institution takes necessary steps to support the financially</p>

backward students even by initiating financial collections. Students Waiting area for the girl students, Canteen and Complaint box is available.

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

In accordance with the ordinance of the University and the Constitution of the College, the day-to-day financial accounts is managed by the Bursar of the College in consultation with the Principal. The overall supervision of the finance of the College is done by the Bursar and the Correspondent on a periodical basis. There is an external financial audit of all the activities of the college done at the end of each academic year.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Endowments	560700	Prizes for toppers
View File		

6.4.3 – Total corpus fund generated

3000000

6.5 – Internal Quality Assurance System

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

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

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

1. PTA joins hand in hand with the management and Principal during the times of any crisis in the day today affairs of the college. 2. PTA provides financial assistance to the management for infrastructure augmentation and maintenance of the existing infrastructure. The executive body of PTA meets occasionally. This year, PTA has invested over Rs. 31 lakh for the new construction project with an area of 8000 square feet. 3. Various departments of the college conducts PTA meeting once in a semester to discuss the performance of the students. The feedback of the parents will be collected for the welfare of the students.

6.5.3 – Development programmes for support staff (at least three)

1. Training to operate Lab equipments. 2. Computer training to office staff 3. Orientation Programmes for the support staff members

6.5.4 – Post Accreditation initiative(s) (mention at least three)

Participation in NIRF, ARIIA Ranking processes yearly. Implementation of the RUSA scheme. Upgradation of the ICT, Networking, computer, Wi-Fi facilities. Upgradation and augmentation of the campus infrastructure. Maintenance and upgradation of classrooms and laboratories.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	No
c) ISO certification	No
d) NBA or any other quality audit	No

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2016	Seminar for Students - World Space Week 2016	04/10/2016	04/10/2016	04/10/2016	245
2016	State Level Workshop on Innovative research and Unique Publications [RESPUB 2016]	13/10/2016	13/10/2016	13/10/2016	40
2016	Training Programme for Unemployed Youth - Soft Skill Training Programme	01/11/2016	01/11/2016	31/12/2016	30
2016	Orientation Programme for Student Representatives - Enhancing Student Learners to Produce Positive Impact	20/12/2016	20/12/2016	20/12/2016	84
2017	Multidisciplinary National Conference on Research in Present Scenario [RESCON 2017]	27/01/2017	27/01/2017	27/01/2017	196
2017	An Interna	15/02/2017	15/02/2017	16/02/2017	211

tional
Conference
on Nano
Technology:
The Fruition
of Science
[ICON'17]

[View File](#)

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Awareness on women's Safety	06/02/2017	06/02/2017	98	47
International Women's Day	08/03/2017	08/03/2017	486	51

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
2MV/11MV 18.18

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	13
Provision for lift	No	0
Ramp/Rails	Yes	13
Braille Software/facilities	Yes	3
Rest Rooms	Yes	13
Scribes for examination	Yes	3
Special skill development for differently abled students	Yes	13
Any other similar facility	No	0

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
------	--	--	------	----------	--------------------	------------------	--

2016	1	1	02/09/2016	1	Pongal celebration	Tamil festival	352
2016	1	2	02/10/2016	1	Blood donation camp	Blood donation	39
2017	1	3	19/01/2017	1	Road safety Awareness Rally	Safety	57
2017	1	4	10/03/2017	1	Awareness on total sanitation	Sanitation	275

[View File](#)

7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Hand Book	16/06/2016	Student's code of conduct and students' responsibilities
UGC Guidelines	30/06/2010	Code of Conduct for teachers https://www.dei.ac.in/dei/files/NAAC/Criterion7/7.1.1620Code20of20Professional20Ethics-UGC20Regulations-2010.pdf

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Independence Day	15/08/2016	15/08/2016	148
Republic day	26/01/2017	26/01/2017	192

[View File](#)

7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

? Ban on use of plastic inside the campus ? Water management ? Collecting e-waste and sending them for recycling ? Restricted entry of vehicles ? Eco-friendly gardens in different blocks, trees and medicinal garden and herbal garden ? Eco-friendly pond with fishes ? Use of solar panels as green energy source

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Title of the Practice GREEN AND CLEAN INITIATIVES Objectives of the Practice 1. To make the campus pollution free. 2. To save the human being from the effect of environmental pollution. 3. Planting more trees and protecting the existing trees. 4. To make cool clean campus environment by conservation of energy The Context Today there is a great need for conservation because we are facing severe environmental problems. The main cause behind these problems is that human beings are consuming natural resources at a much quicker pace than they can be replenished. Pollution is becoming very serious day by day due to

deforestation and urbanisation. There is efficient use of available water and other resources. A clean and healthy environment aids effective learning and provides a conducive learning environment. The Practice The time bound strategies are developed to implement green campus initiatives. At the outset, an 'Environmental consciousness sustainability committee' comprising faculty and students from the various departments are constituted. This helps in strengthening the eco campus. Following are the initiatives for making an eco-friendly campus. 1. Plantation: The different varieties of plants are planted in the campus. Our college has planted hundreds of plants and trees. Present green campus is the outcome of the sincere efforts. 2. Solar power generating system is provided on the roof top of the academic building (Main Block). 3. Rain water harvesting system is in place to collect roof top water into the underground recharge in form of harvesting pits 4. Plants in the campus are watered without wasting the water (Using RO waste water also). Evidence of Success 1. The green campus developed by college helps not only to protect the environment, but also adds to the beauty of the campus. 2. During hot days or power cuts the students occupy the shade provided by the trees for their beyond working hours. 3. The environment provides good health without any health complication for all the students. 4. As the campus is closer to the main road the plantation of the trees helps us to reduce sound pollution 5. As the campus is about 13 acres, the students and staff enjoy a free space to walk, play games and for sports, and have an enjoyable pleasant atmosphere. Problems Encountered and Resources Required During summer season the plants need to be watered 3 times a day and more man power is needed. Notes (Optional) Title of the Practice MORALY EMPOWERING THE STUDENTS Objectives of the Practice To make the students a good citizen and improve their overall performance by helping the students to cope with stress through personal counselling and mentoring. The Context Through moral education, we help students discover themselves and their potential, show them how to apply their skills and special aptitudes, and guide them in defining and pursuing their own career goals. In turn, mentoring helps the mentors discover new things about themselves. They will learn just how valuable their knowledge, experience, and expertise. The transition from Intermediate education to higher education can be a stressful experience for many adolescents. This may include fear of bullies, a feeling of being lost, peer relationship worries, and anxiety over coping with increased workload. These concerns can directly impact their academic performance. The Moral instruction is a time bound course with time limitations to create awareness, especially during the first-year of college life when the students undergo various problems coping up with the curriculum and the demands of education. Sometimes, the financial and educational background of students can result in the development of several complexes in them due to inhibitions which may impact their performance. Considering the student teacher ratio in class, it is not possible at times, to give personal attention to students in the class to address some of the sensitive issues that bother them. One solution therefore is 'Counselling' where the teacher can form a bond with students in the true sense. Moral counselling is required for students to achieve emotional stability and to promote clarity in thinking and decision making for overall progress. The moral instructors can also give career guidance and play a major role in helping students to achieve their professional goals. The Practice The practice is that of creating an efficient citizen. Each faculty is assigned around 50 students. Students meet to discuss, clarify and primarily to share various problems which may be personal, domestic, academic, etc. Students are trained morally, physically, psychologically. The students are equipped with all the necessary information whenever necessary for any advice or help. Evidence of Success Evidence of success of the practice includes improvement in personality development, mingling with co-students and staff, better communication and social responsibility towards society and parents, more regularity, less dropouts, better discipline on campus and a respectful

relationship between teachers and students. The students and the parents have a healthy relationship with the faculty members. Problems Encountered and Resources Required Though there is uniformity the staff members have different approaches. Constant up-gradation of counseling practices through training is needed. Notes (Optional)

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

https://nmcc.ac.in/igac/NMCC_InstitutionalBestPractices2016_2017.pdf

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

The students and staff of our college are highly motivated to help the poor and downtrodden. They help the people of mentally retarded home, blind school, deaf and dumb school, orphanage and cancer centre. Food packets are served to the beggars and street vendors. Relief works are undertaken. During the time of natural calamities our students join hands with the relief workers. They donate blood to the needy people admitted in government and private hospitals. Several awareness programmes are conducted in the villages by the various clubs of our institution. Free Mid day meals is given to students who come from economically poor background. The students welfare committee of the college identifies the needy students and helps them by motivating them and providing necessary help. Free Wi-Fi internet facility is provided to the students and staff of the institution. Several computers are provided for the students for e-access in the library. The language lab helps the students to improve the pronunciation and communication skills. Everyday classes begin with a common prayer to increase the mental and physical health of the students. Our college offers Value education course to the students which help to develop good character and are trained to face the outer world with the right attitude. The students would confirm for the fact that there is an adequate mix of rules with fun, freedom with limitation and attitude with control. Students are well prepared to improve their knowledge, skills and attitude. The Counselling Cell, the Placement Cell and a host of club activities with a healthy Mentor-Mentee ratio, Study Circles, Certificate Programmes, Cultural Events and International Day Celebrations, all together make our institution an ideal place to pursue their undergraduate, post graduate, M.Phil and Ph.D studies. The nature care and environmental awareness is being promoted by Eco-Club and its members. The faculty and students are encouraged to participate in seminars and conferences and promote a holistic teaching-learning environment. Academic facilities include twelve research centres, fully functional computer labs, well-stocked computerized library and an indoor stadium equipped with a gymnasium. In order to improve IT infrastructure and teaching methodology, the College has also installed 19 LCD projectors in the class rooms and computer labs. Our college provides ICT enabled teaching to the students. In addition, the College facilitates regular interactions through seminars, workshops, special lectures etc. helps to gain additional skill and knowledge to our students. Our college is situated in a semi-urban area. The students are from villages and many of them are first graduates. They mostly come from Vilavancode, Killyoor and Padmanabapuram Taluk regions. Our college is situated in the border of Tamilnadu and Kerala and the students come from these two states. Most of the Students know both Tamil and Malayalam languages. Our College provides of 12 UG aided programme , 8 UG self financed programme 3 PG aided programme, 12 PG self financed programme only one aided M.Phil, 11 S.F. M.Phil programmes. 11 certificate courses and two training programmes. Our college is the only college

Provide the weblink of the institution

https://nmcc.ac.in/igac/NMCC_InstitutionalDistinctiveness2016_2017.pdf

8.Future Plans of Actions for Next Academic Year

Expose students to English language, improve the language lab facilities by adding more computers and space. Strengthen the activities of the clubs and forums. To help students find a suitable career- campus placement, increase employability skills , bring more companies for on campus placement drives. Motivate students to acquire more skills by enrolling in COP courses. To strengthen alumni association. Increase usage of library and bring more space to the reference section. Give more facilities for e -access in the library. Conduct seminars, conferences and workshops on current trends in arts science and commerce. Undertake new programs under campus community partnership promoting holistic development of children of the rural villages. Conduct more programs to help the children of government schools by making collaboration with schools.