



## Yearly Status Report - 2018-2019

### Part A

#### Data of the Institution

<b>1. Name of the Institution</b>	
Name of the head of the Institution	Dr. P M PALANISAMY
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	04259234870
Mobile no.	9943832223
Registered Email	ngm@ngmc.org
Alternate Email	ngmiqac@gmail.com
Address	90 Palghat Road, Pollachi, Coimbatore
City/Town	POLLACHI
State/UT	Tamil Nadu
Pincode	642001
<b>2. Institutional Status</b>	

Autonomous Status (Provide date of Conformant of Autonomous Status)	08-Jul-1987
Type of Institution	Co-education
Location	Semi-urban
Financial Status	Self financed and grant-in-aid
Name of the IQAC co-ordinator/Director	Dr. R. MANICKA CHEZIAN
Phone no/Alternate Phone no.	+919942906687
Mobile no.	9443851386
Registered Email	chezianrm@gmail.com
Alternate Email	chezian_r@yahoo.co.in

### 3. Website Address

Web-link of the AQAR: (Previous Academic Year)	<a href="http://www.ngmc.org/wp-content/uploads/2018/10/AQAR-2017-18.pdf">http://www.ngmc.org/wp-content/uploads/2018/10/AQAR-2017-18.pdf</a>
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### 4. Whether Academic Calendar prepared during the year

Yes

if yes, whether it is uploaded in the institutional website:  
Weblink :

<http://www.ngmc.org/academic/college-calendar/>

### 5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity	
				Period From	Period To
1	A	8.70	2007	31-Mar-2007	30-Mar-2012
2	A	3.33	2013	23-Mar-2013	22-Mar-2018
3	B	2.45	2019	15-Jul-2019	14-Jul-2024

### 6. Date of Establishment of IQAC

05-Aug-2008

### 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

IQAC Regular Meeting	08-Oct-2018 1	8
Participation in NIRF	01-Oct-2018 1	259
IQAC Regular Meeting	25-Jul-2018 1	2
IQAC Regular Meeting	18-Jul-2018 1	7
MOOCs Courses Enrollment Odd Semester	01-Jul-2018 1	565
<a href="#">View File</a>		

**8. Provide the list of Special Status conferred 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
Nallamuthu Gounder Mahalingam College	NIL	NIL	2019 0	0
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**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 :**

9

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)**

Faculty Development Programmes were conducted to train the Teachers for various Teaching Methodologies and Techniques.

Academic Quality Audit was conducted during 9th and 10th January ,2018

Induction Programme was conducted for First Year(2018 to 2021) Batch Students during 25th June to 27th June, 2018.

Participated in NIRF 2019 and placed in the (100 to 150) Rank Band.

Participated in ARIIA and also participated in India Today Magazine Best Colleges Ranking and placed India's No 1 College for Lowest Tuition Fees and India's No 3 College for Colleges with Best Value for Money Category.

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**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**

Plan of Action	Achivements/Outcomes
Networks	New Server Machine installed for College Office
Faculty Empowerment Programme	Organized Faculty Development Programme entitled "Creating a Perception on operating Governance at Work Place" for Newly joined Faculty Members on 24.08.2018.
Faculty Empowerment Programme	Organized Faculty Development Programme entitled "Mentoring the Mentors" on 21.07.2018.
Faculty Empowerment Programme	Teaching Staff Members undergone UGC- Refresher Programme organized by Bharathiar University, Coimbatore.
Infrastructure Facilities	Diamond Jubilee Block (Area Size:33,057.56 Sq.Feet) with the value of Rs. 4,05,03,570/ was inaugurated
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**14. Whether AQAR was placed before statutory body ?**

Yes

Name of Statutory Body	Meeting Date
College Council and IQAC Committee	08-Oct-2018

**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

2019

Date of Submission	08-Feb-2019
<b>17. Does the Institution have Management Information System ?</b>	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	<p>Yes, The ERP system named Campus Management System (CAMU) at Nallamuthu Gounder Mahalingam College is a totally integrated cloud based application that handles various Academic and Non Academic Activities of our Institution and delivers output as required format with greater accuracy. The modules in the CAMU are Online Admission Processing, Online Calendar, Attendance Management, Time Table Generation, Feedback Collections from Students, Online Transfer Certificate, Fee Payment Processing, Hostel Admission, Online Quiz, Online Assignment, Online Grievances for Students, Notifications to Parents and Students and Online Activities of Staff. Library is fully automated with AUTOLIB software. It is a complete web based support, accessible by internet and intranet using static IP. It consists of Circulation Module which is used to maintain the details of issuing Books, Cataloguing module for entering and searching the documents and Administration and Report module for Document Maintenance and Report Generation. The Examination Automation System is a unique Software Solution for the management of Continuous Internal Assessment and EndofSemester Examinations. It includes a range of services that allows the solution to our college and also provides the framework for all the examination functionalities for the effective conduct of Examinations. As a part of the Examination Automation System, there is an Examination Management Process that encompasses the management of examinations. It has an automation of Hall Ticket Generation, Time Table Generation and Mark Sheets.</p>

## Part B

### **CRITERION I – CURRICULAR ASPECTS**

#### **1.1 – Curriculum Design and Development**

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
BA	ECA	Economics	24/02/2018
BSc	MAA	Mathematics	24/02/2018
BSc	MAS	Mathematics	24/02/2018
BSc	PHA	Physics	24/02/2018
BSc	CHA	Chemistry	24/02/2018
BCom	CMA	Commerce	24/02/2018
BCom	CMS	Commerce	24/02/2018
BA	ELA	English Literature	24/02/2018
BA	ELS	English Literature	24/02/2018
BA	HTA	History	24/02/2018
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1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
BCom	Commerce	18/06/2018	Commercial Law -18UCO204	24/02/2018
BCA	Computer Applications	18/06/2018	Grid Computing -18UBC521	24/02/2018
BCom	Finance	18/06/2018	Financial Service -18UCF102	24/02/2018
BCom	Banking and Insurance	18/06/2018	Income Tax -18UBI18	24/02/2018
BCom	e-Commerce	18/06/2018	e-Commerce Strategy and its application - 18UEC623	24/02/2018
BCom	Business Process Services	18/06/2018	Finance and Accounting for BPS -18UBP308	24/02/2018
MSc	Chemistry	18/06/2018	Inorganic Chemistry -I - 18PCY101	24/02/2018
MCA	Computer Applications	18/06/2018	Java Programming - 18PMC318	24/02/2018
MSW	Social Work	18/06/2018	Working with Communities-18P SW205	24/02/2018
MCom	International Business	18/06/2018	Product Launch Practical -	24/02/2018

[View File](#)**1.2 – Academic Flexibility**

## 1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
<b>No Data Entered/Not Applicable !!!</b>		
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## 1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the College level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BA	Economics	24/02/2018
BSc	Mathematics	24/02/2018
BSc	Mathematics SF	24/02/2018
BSc	Physics	24/02/2018
BSc	Chemistry	24/02/2018
BCom	Commerce	24/02/2018
BCom	Commerce SF	24/02/2018
BA	English Literature	24/02/2018
BA	English Literature SF	24/02/2018
BA	History	24/02/2018
BSc	Botany	24/02/2018
BSc	Zoology	24/02/2018
BSc	Computer Science	24/02/2018
BSc	Computer Science SF	24/02/2018
BCA	Computer Applications	24/02/2018
BBA	Administration	24/02/2018
BCom	Computer Applications	24/02/2018
BA	Tamil Literature	24/02/2018
BSc	Information Technology	24/02/2018
BCom	e-Commerce	24/02/2018
BCom	Finance	24/02/2018
BSc	Computer Technology	24/02/2018
BCom	Professional Accounting	24/02/2018
BCom	Banking and Insurance	24/02/2018
BCom	Business Process Services	24/02/2018
BCom	International Business	24/02/2018
MSc	Mathematic	24/02/2018
MSc	Physics	24/02/2018
MCom	Commerce	24/02/2018

MSc	Chemistry	24/02/2018
MA	English Literature	24/02/2018
MA	Tamil Literature	24/02/2018
MSc	Botany	24/02/2018
MSc	Computer Science	24/02/2018
MSW	Social Work	24/02/2018
MCom	International Business	24/02/2018
MCA	Computer Applications	24/02/2018
MCom	Computer Applications	24/02/2018

### 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
Tally ERP9	18/06/2018	53
Finance Accounting for BPS	18/06/2018	43
Certificate Course on DTP	18/06/2018	23
Fluency in English	18/06/2018	1487
Certificate Course on Hindi	18/06/2018	25
Psychiatric and Social Work	18/06/2018	17
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#### 1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BCom	Commerce	111
BCom	Finance	56
BCom	Banking and Insurance	40
BA	English Literature SF	34
BCom	Business Process Services	44
MCom	INTERNATIONAL BUSINESS	16
MA	ENGLISH LITERATURE	16
MSc	CHEMISTRY	27
MSc	BOTANY	23
BSc	COMPUTER SCIENCE	99
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### 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

NGM College has a Structured Feedback Mechanism collected from various Stakeholders to ensure the Quality of Education and Infrastructure Facilities. The feedback is collected from the Students at the end of each Semester through Paper Mode. The Questionnaire contains the Objectives of each Course, Quality of Content, Availability of the Facilities, Activity-Based Learning is satisfactory or not. It also ensures the Quality of the Infrastructure Facilities, Library Resources, Sports Facilities, Hostel, and Campus Cleanliness. Feedback collected from the students is evaluated by the Head of the Department. Suggestions are recorded and analyzed and necessary actions are taken immediately. Teacher's Performance is evaluated based on the Students Feedback. The Alumni Feedback is collected from the Alumni at the time of Alumni meets and Alumni get-to-gather. It contains the Questions about the Overall Quality of their experiences in the campus and Suggestions for bridging the gap between Industry and students by improving their syllabus and other facilities. The Faculty Feedback is also collected from the Teachers about Curriculum Design and Development, Teaching, Learning and Evaluation, Research, Infrastructure, and Governance. Parents Feedback is collected at Parent teachers meet in each semester. The suggestions from faculty and Parents are collected and analyzed by the Head of the Departments and the analysis reports are submitted to the Principal for the necessary actions.

## CRITERION II – TEACHING- LEARNING AND EVALUATION

### 2.1 – Student Enrolment and Profile

#### 2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BCom	Commerce	60	949	61
BSc	Computer Science	60	654	57
BSc	Mathematics	60	456	60
BSc	Botany	48	462	52
BSc	Zoology	40	155	40
BSc	Chemistry	48	261	49
BSc	Physics	50	322	48
BA	Economics	60	168	64
BA	History	60	184	64
BA	English Literature	60	282	59

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### 2.2 – Catering to Student Diversity

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

Year	Number of students enrolled	Number of students enrolled	Number of fulltime teachers	Number of fulltime teachers	Number of teachers
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	in the institution (UG)	in the institution (PG)	available in the institution teaching only UG courses	available in the institution teaching only PG courses	teaching both UG and PG courses
2018	4904	701	159	25	75

## 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
259	259	31	31	20	20

[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)

Mentoring of students is an essential feature to render equitable service to all our students having a varied background. Student Mentoring System is followed to enhance teacher-student Contact Hours, Enhance students Academic Performance and Attendance, to Minimize Student drop-out rates, to identify and understand the status of Slow Learners and encourage advanced learners, and to render equitable service to students. Students are categorized based on the streams of studies and also according to their core subjects. They are divided into groups of 10-15 depending on the number of students. Each group is assigned to a teacher (mentor) who would perform mentoring duties. The mentees are encouraged to meet their mentors both for academic and personal issues. Mentors maintain a proctorial card of each student that provides personal details and academic performance. Weak students are identified and special attention is given to enrich their academic performance through the Exercise, Assignments, Tests and Extra-Curricular Activities. College renders Counselling to the students through a Counsellor. At the end of each semester exam, the achievement of the students is discussed and the same is also shared with their parents. Students who have health issues are referred to doctors within Campus. Counselling for Higher Education and Research Programme are offered by experts of our College.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
5605	259	1:21

## 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
259	248	11	11	114

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
2019	G.Ramanathan	Assistant Professor	National Fellowship - UGC
2019	Dr. S. Kaleeswari	Assistant Professor	SET - Mother Therasa University
2019	Dr. R. Nandhakumar	Assistant Professor	Best Assistant

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## 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
BSc	CSA	EVEN	13/05/2019	31/05/2019
BSc	CSA	ODD	28/11/2018	11/12/2018
BSc	BTA	EVEN	20/05/2019	31/05/2019
BSc	BTA	ODD	30/11/2018	11/12/2018
BSc	CHA	EVEN	20/05/2019	31/05/2019
BSc	CHA	ODD	30/11/2018	11/12/2018
BSc	PHA	EVEN	16/05/2019	31/05/2019
BSc	PHA	ODD	28/11/2018	11/12/2018
BSc	MAA	EVEN	20/05/2019	31/05/2019
BSc	MAA	ODD	30/11/2018	11/12/2018

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2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
12	10822	0.11

## 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)

<http://www.ngmc.org/wp-content/uploads/2020/09/2.6.1.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
MAA	BSc	MATHEMATICS	58	56	96.55
PHA	BSc	PHYSICS	45	36	80
CHA	BSc	CHEMISTRY	40	30	75
BTA	BSc	BOTANY	37	21	56.76
ZLA	BSc	ZOOLOGY	33	30	90.91
CSA	BSc	COMPUTER SCIENCE	54	51	94.44

HTA	BA	HISTORY	50	25	50
ECA	BA	ECONOMICS	57	45	78.95
ELA	BA	ENGLISH LITERATURE	49	47	95.92
CMA	BCom	COMMERCE	58	56	96.55
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## 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)

<http://www.ngmc.org/igac/aqar-2018-2019/>

## CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 – Promotion of Research and Facilities

3.1.1 – The institution provides seed money to its teachers for research

<b>Yes</b>
Name of the teacher getting seed money
Dr Antony selvadoss thanamani
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3.1.2 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
National	G.Ramanathan	National Fellowship	17/09/2019	UGC
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### 3.2 – Resource Mobilization for Research

3.2.1 – 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
Minor Projects	730	UGC	110000	12000
Students Research Projects (Other than compulsory by the University)	182	TNSCST	7500	7500
Minor Projects	730	UGC	135000	128000
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3.2.2 – Number of ongoing research projects per teacher funded by government and non-government agencies during the years

### 3.3 – Innovation Ecosystem

3.3.1 – 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
An Overview on Health Insurance	B.Com Banking and Insurance	14/09/2018
Software Testing	B.Sc Information Technology	10/10/2018
Tally with GST	B.Com	12/03/2019
Generic Conundrum of Callow Youth	B.A English Literature SF	19/02/2019

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3.3.2 – 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
NPTEL Online Certification	S. Ayesha Siddiqa	Swayam	19/04/2019	Elite, Certification Course
Flicks19 - Rangoli	SHEK MOHAMMAD.B (18-BI-21)	Rathinam College of Arts and Science, Coimbatore.	28/02/2019	3rd Place
GENO 2019 - PUBG	SUGUMANGURU. E (17-BI-22)	Sakthi Institute of Information and Management Studies, Pollachi	26/02/2019	1st Place
Deeppan Bizquiz - 2019	ARCHANA. K (17-BI-24)	Deeppan Academy CA/CMA/CS at , Pollachi	03/02/2019	3rd Place

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

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
1	Dr Mahalingam Center for research and development	College Management	Co Jag Candy	To Launch and Market the Chocolate made up of Coconut and Jaggery.	14/09/2018

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### 3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
------------------------	-------------------------

PG and Research Department of Mathematics	2
UG and Research Department of Computer Science	4
UG and Research Department of English	1
Research Department of Tamil	6
PG and Research Department of Commerce	10

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

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Commerce - Professional Accounting	3	5.71
International	UG Computer Applications	3	7.46
National	Commerce- e-Commerce	11	4.76
International	PG Botany	8	3.23

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

Department	Number of Publication
Commerce with Computer Applications	10
English Literature SF	6
UG Computer Applications	5
Commerce - Business Process Services	4
PG English Literature	5

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#### 3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
NIL	Filed	0	01/01/2018

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#### 3.4.5 – 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
Decompositions of nano ? - I-open sets	Dr. V. Inthumathi M.Parveen Banu R.Abiprakash	Journal of Physics : Conference Series	2018	67	Nallamuthu Gounder Mahalingam College	0
Study of Biopolymer	Ms.S.Shanmugapriya	Ionics	2018	10	Nallamuthu Gounder	0

I-Carragenan with magnesium perchlorate					Mahalingam College	
An improved multicontext trajectory embedding model using parameter tuning optimization for human trajectory data analysis	Dr. E. Rama Devi	International Journal of Applied Engineering Research	2018	1	Nallamuthu Gounder Mahalingam College	0
Antimicrobial activity of methanolic tuber extract of Cyperus rotundus L.	R. Rakkimuthu, M. Muthukumar, S. Aarthi and S. Nishana	World Journal of Pharmaceutical Research (Indian citation Index (ICI))	2018	0	Nallamuthu Gounder Mahalingam College	0
Multivariate Logistic Regression based Gradient Descent Firefly Optimized Round Robin Scheduling with Big Data	C.R. Durga devi	Journal of Advanced Research in Dynamical Control Systems	2019	0.19	Nallamuthu Gounder Mahalingam College	7

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3.4.6 – 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
Multivariate Logistic Regression based	C.R. Durga devi	Journal of Advanced Research in Dynamical	2019	1	7	Nallamuthu Gounder Mahalingam College

Gradient Descent Firefly Optimized Round Robin Scheduling with Big Data		Control Systems				
Comparative Analysis Of Image Segmentation Techniques and its Algorithm	Dr.S.Hemalatha	International Journal of Scientific Technology Research	2019	2	13	Nallamuthu Gounder Mahalingam College
A survey of Wireless Sensor Network in Precision Agriculture with different Cloud based IoT Schemes	Dr.R.Malathi Ravindran	International Journal of Communication Network Systems	2019	3	19	Nallamuthu Gounder Mahalingam College
Decompositions of nano ? - I-open sets	Dr. V. Inthumathi M.Parveen Banu R.Abinprakash	Journal of Physics : Conference Series	2018	4	0	Nallamuthu Gounder Mahalingam College
An efficient privacy preservation framework for Big data Processing using IRSA	Dr.Antony Selvadoss Thanamani	International journal of engineering Research	2018	15	0	Nallamuthu Gounder Mahalingam College
Resource optimized Ensemble Gradient Boosting classifier for traffic aware big data analytics	Dr.Manicka Chezian	Journal of advanced research in dynamical and control system	2018	11	0	Nallamuthu Gounder Mahalingam College

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### 3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	137	172	56	82
Presented papers	108	59	7	5
Resource persons	2	7	6	6
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### 3.5 – Consultancy

#### 3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Business Administration	PAN Card Registration	Dream Soft Tech	905
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#### 3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
Human Excellence	Art of self management	Sakthi insititute of information and management studies, Pollachi	18750	231
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### 3.6 – Extension Activities

#### 3.6.1 – 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
World Tiger Day Celebrations	Tamilnadu forest department	5	150
Voters Awareness Rally	History Department and Pollachi Sub Collector Office	5	150
Health Awareness Programme to Parents and Teachers	History Department and YRC	5	255
World Suicide Prevention Day	Government Hospital, Pollachi	4	350
Food Adulteration and Health hygiene - Eco Friendly	Panchayat Union School Sirukalanthai	2	50

Practice for Sustainable life

Pollachi Taluk Coimbatore-29

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3.6.2 – 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
Classroom Vs. E-Learning	Certificate	Government school	50
Digital Learning	Certificate	Government school	60
National Disaster Day Rally	Appreciation Letter	Pollachi Sub Collector Office	300
Voters Awareness Rally	Appreciation Letter	Pollachi Sub Collector Office	150

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3.6.3 – 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
Rural Awareness program	The Bridge Charitable Trust	Awaeness program on summer diseases	1	36
Awareness Program	Math - Wizard	Awareness on Zoonotic Diseases	4	212
World AIDS/HIV Day	Integrated Counselling and Testing Center, Erode	Awareness	4	137
World Suicide Prevention Day	Government Hospital, Pollachi	Awareness	4	324
Swachht Hi Sewa	Jointly by Pollachi Train Passengers Welfare Association and NGM NCC Unit	Cleanliness and Planting Trees	1	44
Swatchh Pakhwada	NGM NCC Unit	Cleanliness	1	52
Swatchh Pakhwada	Jointly by Pollachi Government Hospital and NGM NCC Unit	Cleanliness	1	41
Helmet Awareness Programme through Bike	Jointly by Pollachi West Police Station, NGM NCC Unit,	Creating Awareness among public	3	64

Rally

MCET and NPT

[View File](#)**3.7 – Collaborations**

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

Nature of activity	Participant	Source of financial support	Duration
Sathyam Coaching Company	Final year Students	From Students	365

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3.7.2 – 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
Project Work	Internship programme	Integrated Seed Development Farm, Eruthe npathy, Kerala	16/05/2018	15/06/2018	11
Project Training	Project Training	Profenaa Technologies	02/12/2018	30/03/2019	10
Student Research enrichment	Physics Training and Talent Search	Manipal Institute of Technology, Manipal Academy of higher education	22/05/2019	12/06/2019	1
Industry - institution partnership	Field Work	Harshini Textile	01/06/2018	31/05/2019	2
Project work	Studies on the effect of foliar application of PPFM and Poshanon growth and biochemical attributes of mulberry (Morus indica L.) and silkworm rearing	Regional Sericultural Research Station, Central Silk Board, Ministry of Textiles, Govt of India, Salem	01/12/2018	31/03/2019	1

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3.7.3 – MoUs signed with institutions of national, international importance, other institutions, industries, corporate

houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Integrated enterprises India Ltd, Pollachi	12/07/2018	consultancy	40
celebrus commodities limited	08/03/2018	Online share trading	155
Chezhiyan Academy	12/12/2018	Awareness about professional activities	210
Department of Palm - Leaf Manuscripts, The Tamil University, Thanjavur	11/03/2019	To collect and Reprint the Palm - Leaf Manuscript all over the world	100
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## 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
605	505.34

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Seminar halls with ICT facilities	Newly Added
Classrooms with Wi-Fi OR LAN	Newly Added
Laboratories	Existing
Class rooms	Newly Added
Campus Area	Existing
<a href="#">View File</a>	

### 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
AUTOLIB	Fully	2015	2010

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	65753	5907965	1170	360284	66923	6268249
Reference Books	476	126170	141	32562	617	158732
e-Books	500	0	118	0	618	0

Journals	70	323903	35	82265	105	406168
e-Journals	1	84750	1	13570	2	98320
Digital Database	0	0	1	5900	1	5900
CD & Video	251	11000	50	4570	301	15570
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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	01/01/2018
<a href="#">View File</a>			

#### 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	585	480	24	0	0	23	46	50	12
Added	33	0	0	0	0	0	33	0	0
Total	618	480	24	0	0	23	79	50	12

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

50 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
e-Content Development Studio	<a href="http://www.ngmc.org/my-campus/infostructure/e-content-studio/">http://www.ngmc.org/my-campus/infostructure/e-content-studio/</a>

#### 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
59	59.17	546	446.16

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)

NGM college has established a well-planned System for up-keeping the physical, academic, and other support facilities on the campus. All Laboratories in the college are well furnished as per the academic requirements and statutory rules. Each Department maintains a separate stock register. Regular maintenance of equipment is done by laboratory attendants. Annual stock verification is

done by the Heads of the Department concerned. Qualified Technicians and Electricians are appointed to ensure the smooth running of the laboratories. A team headed by a qualified librarian makes the college library an epitome of academic belligerence. Fully automated Integrated Library Management System (ILMS) and Online Public Access Catalogue (OPAC) facilitate the easy location of books that are categorized and cascaded according to subjects and titles. The book stock is continuously updated with regular budget allocation from the college and is well maintained and protected with herbal insecticides. The library uses barcode technology for easy transactions. A 100 Digitalized Attendance Register is maintained in the Digital and Virtual Library. The Centre for Audio Visual Learning and Reprography facility is run and maintained by the Library Staff. The Department Library is maintained by the respective staff. All the matters related to sports like organizing, planning, and conduct of competitions are done by the Physical Education Department of the college. Required sports articles are purchased and maintained regularly through competent suppliers. The equipment in the fitness center is maintained and serviced by authorized dealers. Pre and Post-class hours are used for regular practice in Sports. Each Department has a Smart Classroom equipped with LCD projectors and interactive boards which are maintained by the service providers and the college technicians. Management makes sure that the ambient environment for Academic Performance is ensured to students. The maintenance of Buildings and Classrooms is done under the governance of the college-appointed qualified engineer. Classrooms and Premises are cleaned regularly by the team of cleaning staff headed by a supervisor. College premises are frequently used by social service groups for the conduct of social awareness programs in coordination with various Departments of the College. Classes are conducted for School Students every year to make them aware of the options in higher education. Yoga and Meditation classes are conducted by different social service groups. The College premises are used for various Central and State conducted exams, Bank Exams, and Exams of Distance Education Programs of different Universities. International clubs like Rotary and Lion's use the college infrastructure to conduct functions and meetings. Maintenance of several gadgets including the Generators, Reprography Machinery, Computers, Printers, CCTV Cameras, Audio Systems, and Fire Seize Equipment, Air Conditioners, and Water Purifiers are done regularly by the college appointed technicians and by the personnel of service providers when required. Incinerators are effectively used and cleaned. The parking facility earmarked for the two-wheelers and four-wheelers of staff and students is kept clean and maintained by the supporting staff.

<http://www.ngmc.org/wp-content/uploads/2020/09/4.4.2-Procedures-and-policies.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	Alumni, Fee Waiver, Sports, Arutchelvar Fund	159	2014675
Financial Support from Other Sources			
a) National	State Scholarship	383	1192123
b) International	0	0	0

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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
Bridge Course to All First Years	25/06/2018	1746	Academy for Professional Development
Entrepreneurship Development Program	18/09/2018	250	Mr.Srinivasan, Director of fortune Corporates
NGM Yoga Centre	21/02/2018	800	Human Excellence
Remedial coaching	18/09/2018	131	Department of Information Technology
Soft Skill Training	01/05/2018	112	Bootcamp Services
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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
2018	Guidance for competitive exams (SSC)	120	0	9	2
2018	Career Guidance	0	1542	0	887
2018	Training towards Higher pay Placement (TTHPP)	0	285	0	115
2018	TCS Career Counselling	0	650	0	28
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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
Zoho Tech Limited,	1464	900	Infosys IT, Wipro, TCS	467	157

Karvy, Kotak  
Mahindra,  
Sakthi  
Finance  
Limited,  
Seyoni  
Solutions

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

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2019	6	B.Com BI	B.Com Banking and Insurance	NGM College	M.Com CA
2019	5	B.Sc CS	Computer Science SF	Mahalingam College of Engineering and Technology	MCA
2019	21	B.Sc Physics	Physics	NGM College, PSG Arts and Science College, Government Arts College, Coimbatore Udumalpet, A vinashilingam Deemed University, PSGR Krishnammal College os Arts and Science, Madras University, Government Law College, Coimbatore Salem	M.Sc Physics
2019	19	B.Sc	Computer Science	NGM College	M.Sc Computer Science
2019	2	M.Sc Chemistry	PG Chemistry	PKD College of Education	B.Ed
2019	11	B.Sc Chemistry	Chemistry	PSGR Krishnammal College	M.Sc Chemistry
2019	5	BCA	Computer	Bharathiar	MBA



			Applications	University	
2019	10	B.Sc Botany	Botany	NGM College	M.Sc Botany
2019	4	B.Com	Commerce	Akshaya Institute of Management	MBA
2019	8	BA English	English	NGM College	MA English
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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
Any Other	1
<a href="#">View File</a>	

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

Activity	Level	Number of Participants
Navarathiri Kalai vizha	Regional level	149
Volley Ball	Intramurals	48
Chess	Intramurals	20
Batminton	Intramurals	20
Cricket	T20 Regional Level	256
Hand Ball, Ball Batminton, Kho-Kho	Regional Level - School Level	440
Arangetra Vizha of Bharathakala Paadasala	Regional Level 8	340
Visionaire 2019	State level	95
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### 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
2019	Form2	National	1	0	17CH46	P.Swathi
2019	Form2	National	1	0	18HT02	P.Annaikar uppusamy
2019	Form2	National	1	0	18BE50	R.Rajaraje shwari
2018	Participat ion	National	1	0	17CE32	R.Gomathi
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

NGM has always believed in the importance of student participation in all the

academic and extra circular activities of the college. It promotes a sense of personal responsibility among students and it helps them to develop their leadership skills while organizing and carrying out activities. Student elects in various bodies as representatives to improve their leadership and communication skills. Every department of the college has associations and students elect as office bearers of the Department Associations and take the responsibility of conducting the programs hosted by respective departments. Every class has two representatives and they take the responsibility for department activities like organizing Guest Lectures, Workshops, Industry Visits, and Cultural Events. The student representatives in IQAC and BOS actively engage in the activities of the respective units. They help in projecting the student viewpoint while taking any quality policy decision. Student Guild of Service Cell makes continuous efforts for the welfare and upliftment of the student community. Students are also part of the Editorial Board of the College Magazine, Newsletters, and Department Magazines. Representation for students is given in the functional bodies of the college like Fine Arts Club, Music Club, Nature Club, Debate Forum, Eco-Club, Quiz Club, VivekanandharSindhanaiMandram, AruthchelvarSindhanaiMandram, NSS, NCC, Library Council, SportsCouncil, Anti- Ragging Committee, and Student's Grievance Cell. Students actively engage in the extension activities of the college. The International Service Organization, 'Rotary International' has a very active student wing Rotaract Club of NGM in the college which is exclusively run by the students as Office Bearers under the guidance of a staff member

#### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

NGM has emerged as a great institution with 60 years of historical background and with more than 50,000 great people as its alumni. Alumni friends are holding key positions in the field of Business, Industry, Commerce, Politics, Scientific, Research, and in Technical Institutions both in India and Abroad. NGM ALUMNI FOUNDATION is making a great impact on society through its service to the nation. The main objective is to provide scholarships to the poor and the deserving students in various disciplines for their students of the Pot Graduate Courses and offer them to pursue their Research Programmes either in India or Abroad. Another objective is to collect an initial corpus fund of Rs 100 lakhs for the foundation due to the course of time. This Corpus fund will be professionally managed with Expects Advisory Body and the returns from the fund would be used to meet the above objectives. The Association honor renowned alumnus with Best Alumni Awardees during the Alumni Meet held every year.

5.4.2 – No. of registered Alumni:

15984

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

476500

5.4.4 – Meetings/activities organized by Alumni Association :

The NGM Alumni Association's Executive Committee has met regularly over the year to monitor the various activities of the association. In this Year, NGM Alumni Association Executive Committee Meetings were conducted 7 times on the dates 16.10.2018, 02.11.2018, 15.12.2018, 26.12.2018, 28.12.2018, 14.03.2019, 18.06.2019. The Annual Alumni Meet 2018 was organized on 29.12.2018. The meet was well attended by more than 500 Alumni of various years from 1957 to 2017. During this year 3 Distinguished alumni were chosen for Best Alumni Awards who

have excelled in their profession and have also contributed to the society. Rs 2,10,100 has been provided as a Scholarship for 84 Students of the Current Year.

## 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)

Decentralization and participation are the pillars of the effective functioning of the institution. The Governing Body takes the responsibility of the overall functioning of the Institution. The College Committee constituted by the Governing Body encompasses President, Secretary, Treasurer and Senior Teaching Faculties which takes care of the academic and non-academic duties and responsibilities. Various Academic duties are shared by the Head of the Departments and other staff members. The Examination section lead by the Controller of the Examinations and Deputy Controller of the Examinations along with 12 staff members ensures the unblemished examination process. The Ragging Curb Committee consists of Senior Faculty members headed by Principal which is responsible for ragging prohibition inside the campus. Equal responsibilities are given to faculty members in various committees like Admission Committee, Academic Audit Committee, Library Committee, Magazine Committee, College Calendar Committee, Journal Publication Committee, Research Committee, Alumni Association, Training and Placement, Discipline Committee, etc., Each Department has a student association which is headed by the Head of the Department along with Student Secretary and Joint-Secretary to conduct various activities like arrangement of seminars, workshops, conferences, etc.,

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

Yes

### 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	Issue of applications followed by counselling of courses in self financing stream Single window system- Quota and merit basis for aided stream Sports Quota with free educations for best sports students at school level Management Quota for special admission Fee concession for poor students
Industry Interaction / Collaboration	Incorporating industrial personnels in framing the syllabus Signing MoUs with industries for placement and Enterpreunership Conducting workshops based on Industrial products and processes Collaboration with Coaching institutions to provide awareness and training
Human Resource Management	Providing man power facilities for arranging workshop and conferences Releasing funds and salaries in time Rescue and management of accidental issues Maintaining office records and

	files electronically Counselling for Needy faculties and students
Library, ICT and Physical Infrastructure / Instrumentation	Del Net facilities for Researchcheers Separate reading cabins Unique section with huge volumes for competitive examinations Computer Laboratories Well equipped science laboratories with recent and advanced instruments. e-content lab Web based smart library Swayam Prabha satellite installation for e-learning Frequent updation of web sites Separate Wi-Fi facility for Library Reducing the power consumption by converting LED bulbs Digital display of informations for Library
Research and Development	Incentives for Research Publication Providing Membership fee for National or International professional bodies Scholarship for Ph.D. researchers Remuneration for Research guides Registration fee and TA for attending seminars and conferences Financial assistance for applying major research projects.
Examination and Evaluation	Two Internal tests Assignments and Seminars End of Semester Examinations Projects - Summer training and Research Projects Online Quiz
Teaching and Learning	ICT enabled teaching - using Smart board
Curriculum Development	Choice Based Credit System Outcome based Education Designing POs and COs Mapping the Outcomes

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

E-governance area	Details
Planning and Development	Aptitude Training ICT enabled Teaching Power Point Presentation Motivation Class Introducing great personalities-(Dr.A.P.J. Memorial competitions) Online Aptitude Tests Personality Development for better Placements - Workshop
Administration	All the academic and non-activities are managed with ERP Software - CAMU
Finance and Accounts	Finance section is computerized with customized Tally and ERP Software will be implemented shortly to strengthen the automation
Student Admission and Support	The students are admitted in merit basis compliance with the Reservation policy of State Government. The Rank list prepared with the help of the Software developed by NGM

<b>Examination</b>	<p>Online examination for General knowledge and General Awareness (Part V) Online publication of results. Internal and external mark entry through AES tool Question bank for all the courses Evaluation transparency</p>
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### 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
2018	N.Anbuarasu	UGC Seminar	-	800
2018	Dr.Antony Selvadoss Thanamani	Workshop	-	6000
2018	M.Sheik John	UGC Seminar	-	3000
2018	D.Anbalagan	UGC Seminar	-	1100
2018	S.Muthukumarvel	UGC Seminar	-	2800
2018	Dr.Ranjit	Workshop	-	2500

[View File](#)

6.3.2 – Number of professional development / administrative training programmes organized by the Colleges 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)
2018	E - content Development	-	28/09/2018	28/09/2018	2	0
2019	Recent Trends in Higher Education in Science and Humanities to Rural Students	-	12/06/2019	14/06/2019	5	0

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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

Refresher Course	1	23/11/2018	13/12/2018	21
Faculty Development Program- (AICTE ISTE)	2	04/06/2018	04/06/2018	1
Faculty Development Programme	3	21/07/2018	21/07/2018	1
Faculty Development Programme	3	24/08/2018	24/08/2018	1
Faculty Development Programme	1	20/11/2018	21/11/2018	2
<a href="#">View File</a>				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
52	207	18	48

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
ESI, PF, CPS, Incentives for staff completing Ph.D., Incentives for staff completing NET SET, Fee concession for staff pursuing Ph.D, Co-operative society Thrift Loan facility, Maternity Paternity leave, Group Personal Accident Insurance	ESI, PF, CPS, Fee concession for non teaching staff children, Maternity Paternity leave, Loan facility - festival celebrations, Group Personal Accident Insurance	Earn while you learn, Free education for sports students, Alumini Scholarship, Sports material sponsoring, Group Personal Accident Insurance for students and parents

**6.4 – Financial Management and Resource Mobilization**

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

The college management has engaged a qualified chartered accountant for internal audit of funds and expenditure pattern. At the end of each financial year, a Chartered Accountant engaged by the college committee scrutinizes all the bills and vouchers and issue an audit certificate and in turn this certificate is submitted to the college committee for approval. For UGC and other funds, audited statements, assets certificates and accession register copies are sent to the respective agencies for approval.

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
Alumni Membership Fee	176500	Alumni Registration
<a href="#">View File</a>		

## 6.4.3 – Total corpus fund generated

560100

**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	Yes	Panel of Members	Yes	ISO and IQAC
Administrative	Yes	Panel of Members	Yes	ISO and IQAC

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

Parents- Teachers meet has been organized every semester with the following objectives. 1. To convey the academic performance of their children. 2. To give information regarding the general rules and regulations of the department and the college. 3. To counsel the parents for their children's career development. 4. To introduce and train the ERP system for the parents to review their children's performance. 5. To get the feedback regarding the institution, curriculum and infrastructure. 6. To focus the performance of children's to meet the campus interviews. 7. To get partial financial support for conducting expo and talent shows. The amount of Rs.83,600/- received as Parents-Teachers Association fund in the year 2018-19

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

1. Organizing yoga and meditation for staff members in the college. 2. Office procedures - fundamental and administrative rules and procedures 3. An Orientation Programme for Teaching Staff and Non teaching Staff was conducted 4. Organizing Workshop on safety measures was conducted to the staff members 5. Organizing Hands on Training "Office IT tools - MS Office Package" 6. Seminar about Audit procedures.

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

- Gymnasium for improving the physical fitness of the Staff and Students.
- New Hostel Block for Men.
- E-Content Development Cell with Smart Board, LCD and Camera for digitalization of Teaching and Learning.
- Common Research Centre for Science Subjects and a WI-FI enabled Research Centre for the benefit of Research Scholars.
- The campus has been made Person With Disability (PWD)-friendly with Ramps to access classrooms and restrooms with special facilities.
- Pedestrian friendly walkway has been laid to facilitate the safety of the Staff and Students, Solar-powered lights are installed in the campus. The indoor stadium, laboratories, conference halls, corridors and Office also have been equipped with LED lights.
- Four-Storied Diamond Jubilee Block (Area Size:33,057.56 Sq.Feet) with the value of Rs. 4,05,03,570/- has been constructed with 18 Classrooms, 6 Staff rooms and 2 Spacious Halls for the conduct of Yoga and Exams.
- New block of Restrooms with Incinerator facility has been built.
- Abdul Kalam Air Conditioned Conference Hall and a Guest House has been built.
- One LCD mounted Classroom for every Department.
- Online Courses from NPTEL, MOOC and Swayam for Students and Staff

## 6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes

c)ISO certification	Yes
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
2018	Remedial coaching for poor achievers	18/06/2018	01/07/2019	31/10/2019	1035
2019	Revisiting POs and COs for curriculum enrichment	18/06/2018	16/02/2019	16/02/2019	252

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### 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
International Womens day Celebration	05/03/2019	05/03/2019	72	0
Oneday Workshop on Generic Conandrum of Callow youth	19/02/2019	19/02/2019	720	0
Certificate programme for Beautician, Hairstyle	18/02/2019	18/02/2019	27	0
Women in Digital Era	19/01/2019	19/01/2019	516	0

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
0.0131

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Braille Software/facilities	Yes	7
Rest Rooms	Yes	7
Physical facilities	Yes	7
Provision for lift	Yes	7



Ramp/Rails	Yes	7
Scribes for examination	Yes	6

#### 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
2018	1	1	25/07/2018	1	Online Computer Applications	Awareness on Online Computer Applications	70
2018	1	1	06/07/2018	1	Rally	Awareness on Zoonotic Diseases	166
2018	1	1	16/10/2018	1	Contributed Computers to Samathur Vanavarayar Government Higher Secondary School	Lack of Computer facilities for Rural Background Students	2
2019	1	1	04/01/2019	7	Semi Tribal Camp	Tribal Welfare - Various Awareness Program (Prevention from Drug Addiction, Health and Hygiene and Veterinary camp, Medical camp, law and awareness program, SHG - Women Empowerment)	156

2019	1	1	22/01/2019	1	Pasting of Reflector Stickers	Safe Pilgrimage	200
<a href="#">View File</a>							

#### 7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
Hand Book and Calendar	31/05/2018	The rules and regulations pertaining to the Conduct and Behaviour of the Students (Ragging, Attendance, Discipline), Control Section, Student Co-Operative Stores, Rathinasabapathy Memorial Hostel are specified in the students Hand Book and Calendar

#### 7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
International Womens Day	08/03/2019	08/03/2019	512
National Mathematics Day Celebration (Intra Departmental Meet)	25/01/2019	25/01/2019	200
Indian Constitution Day	10/12/2018	10/12/2018	150
Teachers Day Celebration	05/09/2018	05/09/2018	330
Commemorating the Life of Mahatama Gandhi and Arutchelavr Dr. N.Mahalingam, Seminar on The Role of Youth in Nation Building	01/10/2018	01/10/2018	230
<a href="#">View File</a>			

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

1. Ban on the use of Plastics inside the campus 2. One day Seminar was Conducted "Ban of Plastics in Environment" on 20.02.2019. 3. Green Cell was Inaugurated on 25.10.2018 to Exhibit and sales of Green Product. 4. Conduction of Green Audit and Pongal Bird Count to create awareness about environmental sustainability. 5. World Tiger day was Celebrated to raise awareness about conservation of Tiger on 29th July 2019 6. Promotion of paperless office through implementation of enhanced version of ERP 7. Tree plantation is promoted every year on National Commemorative Days 8. Liquid Waste Management 9. Maintaining campus landscapes with lawns, plants and trees 10. Rain Water Harvesting system available at the Campus

## 7.2 – Best Practices

### 7.2.1 – Describe at least two institutional best practices

**Title of the Practice: Muthamzh Vizha Objectives** •?To introduce students to the cultural values •?To make students understand the values of traditional culture of Tamilnadu

**The Context** Increased level of diversity that happens in the society mainly propelled by globalisation and work culture the youth of India tend to forget the golden value of Iyal, Isai and Nadagam (prose, music and drama) which were highly useful in educating the mass. Since it is feared that the Indian youth may not grow up with values, the present programme Muthamzh Vizha is organised. The Practice The programme broadly includes conducting competition on themes mostly related to Tamil Literature. Competitions like Elocution song drawing and debate are organised in connection with important festivals like navarathiri vizha and pongal festivals. Judges, mostly staff of the college, are appointed to identify the talented students. Evidence of Success There has been an overwhelming response to the programme. Students in large number participate in events organised through this forum. There has been a marked growth in skills in various fields among students who participate in the various events. In addition to this, they are able to learn the traditions of Tamil Literature as well as how the ancestors developed their skills in various forms of art. Problems Encountered and Resources Required Being programmes that have in built rewards- both spiritual and physical- students do not hesitate to participate. Since prize-money is extended by the college, financial crunch is not felt.

**Title of the practice: Cysafe Objectives of practice: Cysafe** contest is the practice of creating awareness about the security and protection of data and information's from the digital attacks in the world around us. Cyber risk poses an alarming threat to sources of enterprise capability. The main aim of the cyber security is to achieve Confidentiality, Integrity and Availability. Confidentiality involves a set of rules or a promise usually executed through confidentiality agreements that limits access or places restrictions on certain types of data. It is respond to, resolve, and recover from cyber incidents and attacks through timely information sharing, collaboration, and action. It is to create a culture of cyber security that promotes safe and appropriate use of cyberspace and to cultivate national cyber security capabilities.

**Context:** In today's dynamic environment, cyber security has become vital for individuals and families, as well as organizations (such as military, government, business houses, educational and financial institutions, corporations and others) that collect and store a wide range of confidential data on computers and transmit that to other computers across different networks. For families, protection of children and family members from cyber crime has become substantially important. For an individual, protecting information that could impact social life as well as personal finance is essential. The internet has provided a wide array of learning opportunities, but there are risks too. Photos, videos and other personal information shared by an individual on social networking sites such as Face book, Twitter can be inappropriately used by others may lead to serious and even life-threatening incidents. Social networking sites have become the most popular medium for sharing information and connecting with other people. But these sites have created varied opportunities for cyber crimes, compromised personal identities and information leakage. Therefore, it is important for individuals to understand how to protect against cyber threats, and must also comprehend the difference between virtual and real world. One should learn how to protect computers and personal information from being hacked and should engage in appropriate online behavior in order to eliminate changes of cyber threats and thereby creating a safer online environment.

**The practice:** In our daily life, we probably avoid sharing personally identifiable information like your Social Security number or credit card number when answering an unsolicited email, phone call, text message, or instant message. It's important to exercise

the same caution at work. Keep in mind that cybercriminals can create email addresses and websites that look legitimate. Scammers can fake caller ID information. Hackers can even take over company social media accounts and send seemingly legitimate messages. Phishers prey on employees in hopes they will open pop-up windows or other malicious links that could have viruses and malware embedded in them. That's why it's important to be cautious of links and attachments in emails from senders you don't recognize. With just one click, you could enable hackers to infiltrate your organization's computer network. A strong password contains at least 10 characters and includes numbers, symbols, and capital and lowercase letters. Companies also should ask you to change your passwords on a regular basis. Changing and remembering all of your passwords may be challenging. A password manager can help. Office Wi-Fi networks should be secure, encrypted, and hidden. If you're working remotely, you can help protect data by using a virtual private network, if your company has one. A VPN is essential when doing work outside of the office or on a business trip.

Public Wi-Fi networks can be risky and make your data vulnerable to being intercepted. Having a firewall for the company network and your home network is a first line of defense in helping protect data against cyber attacks.

Firewalls prevent unauthorized users from accessing your websites, mail services, and other sources of information that can be accessed from the web. Smaller businesses might hesitate when considering the cost of investing in a quality security system. That usually includes protections such as strong antivirus and malware detection, external hard drives that back up data, and running regular system checks. But making that investment early could save companies and employees from the possible financial and legal costs of being breached. Cyber threats often take aim at your data. That's why it's a best practice to secure and back up files in case of a malware attack. Your company will probably have rules about how and where to back up data. Important files might be stored offline, on an external hard drive, or in the cloud. Companies and their employees may also have to monitor third parties, such as consultants or former employees, who have temporary access to the organization's computer network. It's important to restrict third-party access to certain areas and remember to deactivate access when they finish the job. Evidence of success: The right cyber security technology can prevent a vast majority of attacks, detect vulnerabilities quickly, mitigate cyber security risks, and enable security of strategic business initiatives like digital transformation. If done right, these business outcomes can be achieved without impeding the speed of delivery. But security threats are dynamic, fast moving, and can be highly unpredictable for legacy and manual approaches to keep up with. With an increasingly machine-based adversary, cyber security approaches that are manual, highly fragmented, and point-product-based are doomed to fail. In the digital world, success requires organizational speed and agility—more than ever before, in fact. Every organization wants, and needs, to move faster and become nimbler in spotting and taking advantage of new business opportunities. Technology plays a key role in making that goal attainable, as many of us learned over the past few decades. Fortunately, new solutions such as cloud computing, Software as a Service, and anywhere/anytime connectivity are changing the technology paradigm, delivering breakthrough capabilities faster, less expensively, and with a smaller technology footprint. Additionally, software-based automation has laid to waste the traditional approaches of problem solving, and are significantly reducing the need for massive security operations centers (SOCs)

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

<http://www.ngmc.org/wp-content/uploads/2020/10/7.2-Best-Practices.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

In keeping with the vision of the college to make the students ethically strong and spiritually evolved, the college has instituted Yoga Therapy Centre with the objective of application of Yogic practices to persons to achieve physical, social, psychological and spiritual benefits. It is the integration of mind, body and spirit. It is a natural way of healing. Yoga Therapist treats a person according to the needs of the patients with consideration of age, physical and mental strength. The application of yoga therapy has broad perspectives such as, the gaining of muscular and intellectual power. Yoga is also used to cure certain physical and psychological maladies. Yoga therapy includes Asanas, Meditation, Exercise, Psychological Counseling, Spiritual Awakening, Diet suggestion and elements from both physio therapy and psycho therapy. This Yoga Therapy has proved to be a unique way of improving the mental and physical health of our students. This therapy also establishes the efficacy of yoga as a clinical treatment

Provide the weblink of the institution

<http://www.ngmc.org/>

### **8.Future Plans of Actions for Next Academic Year**

- To encourage the Staff members and students to apply for more number of Funded Projects from Government and Non-Government Agencies
- Planned to apply for the Sponsored Seminars by NAAC, UGC, ICSSR, ICMR, CSIR, TANSCH, DST, CICT, etc.,
- Students are encouraged to join various Online Courses like MOOCs, NPTEL, SWAYAM, etc.,
- NGM Trade Centre to be inaugurated to promote the Student Startups
- Planned to introduce more Number of Value Added Courses
- Planned to sign more Number of MoU with Industries