



Yearly Status Report - 2018-2019

Part A

Data of the Institution

Part A	
Data of the Institution	
1. Name of the Institution	NEHRU MEMORIAL COLLEGE
Name of the head of the Institution	Dr .A .R .PONPERIASAMY
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	04327234638
Mobile no.	9486165596
Registered Email	naac@nmc.ac.in
Alternate Email	principal@nmc.ac.in
Address	NEHRU MEMORIAL COLLEGE (Autonomous), PUTHANNAMPATTI (P.O) MUSIRI (T.K)
City/Town	TIRUCHIRAPALLI- District
State/UT	Tamil Nadu
Pincode	621007

2. Institutional Status					
Autonomous Status (Provide date of Conformant of Autonomous Status)		08-Nov-2004			
Type of Institution		Co-education			
Location		Rural			
Financial Status		state			
Name of the IQAC co-ordinator/Director		Dr .A. VENKATESAN			
Phone no/Alternate Phone no.		04327234227			
Mobile no.		9443008804			
Registered Email		naac@nmc.ac.in			
Alternate Email		av.phys@gmail.com			
3. Website Address					
Web-link of the AQAR: (Previous Academic Year)		http://www.nmc.ac.in/iqac/agar/AOAR-2017-2018.pdf			
4. Whether Academic Calendar prepared during the year		Yes			
if yes,whether it is uploaded in the institutional website: Weblink :		http://www.nmc.ac.in/nehru-academics-calendar2019.php			
5. Accrediation Details					
Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	A	3.10	2013	05-Jan-2013	04-Jan-2018
6. Date of Establishment of IQAC			18-Jan-2011		
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	

NAAC Steering Committee Meeting	26-Feb-2018 1	50
Two-day Faculty Development Programme on How to Enrich Learning with Digital Tools	11-Jun-2018 2	160
View File		

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
Institution	Autonomy	DST-FIST, UGC, DST- Inspire	2019 1	19668787
Faculty	Project	UGC, DST-SERB	2018 3	3811487
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 :

2

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)

1) Outcome Based Education module suitable to the institution are prepared. 2) Faculty Development Programmes are organized regularly. 3) Feedback collected, analysed and action taken on it. 4) External Academic Audits are conducted every year. 5) Micro Quality Assurance Cell (MQAC) functions effectively and it interfaces between departments and IQAC in quality aspects.

[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

Plan of Action	Achievements/Outcomes
Conduct bridge course development of students	Department of English, Computer Science and Mathematics are organized bridge course to freshers.
Implementation of OBE	Preparation of Outcome Based Education module suitable to the Institution conducted Workshops and implemented
View File	

14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
IQAC Meeting	16-Jul-2020

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

12-Dec-2019

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)

Yes, the ERP system at Nehru Memorial college takes care of the various needs of Management Information System(MIS) through ERP which covers various aspects of academics and administration. Management Information System Planning and Development: College Website,Calendar, events planning and execution Administration: 1. Salary Administration by using online web pay roll, 2. Students Attendance is recorded and monitored through ERP by using .NET, 3. CCTV Surveillance in campus, 4. Biometric Attendance through Finger Print Recognition System, 5. Electronic Public Address System in Hostel, 6. Electronic Accounting System in Hostel

using .NET, 7. Integrated Library Management Software. Finance and Accounts: Tally ERP for Finance and Account Management Student Admission and Support: 1) Online Admission Software: Online and automated admission counseling software implemented. It eliminates the need for students and their parents make several trips for admissions purposes. 2) Attendance SMS to parents: In order to strength attendance system it was decided that a message would be send to the parents through the Mobile every day, sharing attendance of the students every semester. Examination: Online Exam Application Form Filling, Exam Attendance Software, Examination results in online. student feedback

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	UAECO	ECONOMICS	15/04/2019
BCom	UCCOM	COMMERCE	15/04/2019
BA	UAENG	ENGLISH	15/04/2019
BA	UATAM	TAMIL	15/04/2019
BCom	UCCCA	COMPUTER APPLICATIONS	15/04/2019
BSc	USHMC	HMCS	15/04/2019
BSc	USBOT	BOTANY	15/04/2019
BSc	USCHE	CHEMISTRY	15/04/2019
BSc	USCSC	COMPUTER SCIENCE	15/04/2019
BSc	USDSC	DATA SCIENCE	15/04/2019

[View File](#)

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
BA	Economics	18/06/2018	15 E 101.-CC-I -Indian Economic Development	18/06/2018
BSc	Zoology	18/06/2018	15Z101.-CC-I -Invertebrata-I	18/06/2018
BCom	Commerce	18/06/2018	15C101.-CC-I-	18/06/2018

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

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
MSc	Botany	18/06/2018
MA	Economics	18/06/2018
BSc	Data Science	18/06/2018
View File		

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	Tamil	18/06/2018
MA	Tamil	18/06/2018
BA	English	18/06/2018
MA	English	18/06/2018
BA	Economics	18/06/2018
MA	Economics	18/06/2018
MSc	Bio-technology	18/06/2018
BSc	Hotel Management	18/06/2018
MPhil	Tamil	18/06/2018
MPhil	English	18/06/2018
MPhil	Economics	18/06/2018
MPhil	Zoology	18/06/2018
MPhil	Botany	18/06/2018
MPhil	Bio-technology	18/06/2018
MPhil	chemistry	18/06/2018
MPhil	Mathematics	18/06/2018
PhD or DPhil	Tamil	18/06/2018
PhD or DPhil	English	18/06/2018
PhD or DPhil	Mathematics	18/06/2018
PhD or DPhil	Physics	18/06/2018
PhD or DPhil	Chemistry	18/06/2018
PhD or DPhil	Zoology	18/06/2018
PhD or DPhil	Botany	18/06/2018
PhD or DPhil	Computer Science	18/06/2018
PhD or DPhil	Commerce	18/06/2018
PhD or DPhil	Economics	18/06/2018

PhD or DPhil	Biotechnology	18/06/2018
BSc	Mathematics	18/06/2018
MSc	Mathematics	18/06/2018
BSc	Physics	18/06/2018
MSc	Physics	18/06/2018
BSc	Chemistry	18/06/2018
MSc	Chemistry	18/06/2018
BSc	Zoology	18/06/2018
MSc	Zoology	18/06/2018
BSc	Computer science	18/06/2018
MSc	Computer science	18/06/2018
BCA	Computer Application	18/06/2018
MCA	Computer Application	18/06/2018
BCom	Commerce	18/06/2018
BCom	Computer Application	18/06/2018
BBA	Management	18/06/2018
BSc	Botany	18/06/2018
BSc	Data science	18/06/2018
MSc	Data science	18/06/2018
BSc	Hotel Management	18/06/2018
MPhil	Commerce	18/06/2018
MPhil	Computer science	18/06/2018
MPhil	Physics	18/06/2018
MSc	Embedded System	18/06/2018

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
LaTeX	18/06/2018	96
GIMP	18/06/2018	117
PREPARATION OF DOMESTIC PRODUCTS	17/09/2018	135
CELLPHONE SERVICE	14/07/2018	32
PERSONALITY DEVELOPMENT	05/07/2018	1100
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	Mathematics	120
BSc	Chemistry	60
MCom	Commerce	21

BSc	Computer Science	35
MSc	Data Science	14
BSc	Zoology	120
MSc	Embedded System	2
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>Curriculum is designed and revised periodically on the basis of regular reviews of student performance, user feedback, assessment performance analysis. We also emphasize on innovation, effective implementation, evaluation of student learning, and the college strives its best to regularly provide new curriculum options that leverage the interactivity and engagement potential of online resources. We always take into account of the students' wide range of learning styles and needs. Decisions about improvements and updates to curriculum are also guided by feedback from a variety of critical stakeholders: teachers and administrators, students and parents, employers and outside evaluators such as accreditation organization and sponsors. This feedback is collected semester wise and annually in a variety of ways, including the print form and online. We also receive third party evaluation on the curriculum. We adopt the following methodology for Curriculum Design and Revision:- A. Analysis: Prior to course development, a thorough needs analysis is carried out. Feedback on current courses from student academic performance, and national standards alignments from the basis of the analysis. B. Design: While designing the curriculum, the members of the board pay attention to the set of standards: i) Instructional strategies, ii) Content, and iii) Visual and technical design of the course. Enough focus would be paid to the role of technology, the level of student engagement, and student learning styles. C. Development: The members begin with a course map, course objectives, unit by unit course development and revision, content analysis and review. Procedures of ensuring internal consistency, bias free content and assessments, instructional effectiveness, and the appropriate use of intellectual property are implemented throughout the development phase. D. Implementation: Course are created, evaluated and modified by teachers. When courses are completed, they are revised and updated. E. Evaluation: The intent of the evaluation phase is to determine the level of student success, and the impact of the course design on student performance. Evaluation occurs throughout the delivery of the course and includes student performance, internal lesson and assessment analysis, and feedback from students, parents, teachers and employers. 4.0 REVISION Revision of the curriculum is done in every three years. During this three year programme cycle for UG and two year programme cycle for PG, semester wise, yearly and midway revisions are carried out. The Dean, Academic Affairs in consultation with IQAC coordinator may devise appropriate formats for getting the feedback from all the stakeholders from time to time.</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	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BSc	Computer Science	150	261	129
MCom	Commerce	25	29	23
BBA	Management	60	43	22
BCom	Computer Application	120	92	88
BCom	Commerce	190	291	166
MSc	Chemistry	25	37	27
BSc	Chemistry	120	226	94
MSc	Botany	25	12	8

[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
2018	3435	892	82	0	106

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
188	188	245	52	6	1009

[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)

Policy of Mentor-Mentee System 1) Each faculty member is a mentor for a group of 20-25 students. 2) He/she also evaluates their academic progress. 3) Refer them to other campus resources. 4) Help them to plan their career. The Mentor: A student makes all decisions regarding his/her academics. He/she is expected to seek advice and assistance from the mentor, who education them about college rules and regulations and in maintaining accurate information on the college system. (1) The student meets the mentor during orientation and gets assistance for a better academic performance. (2) Special sessions are conducted throughout the first academic year.(for freshers) (3) The seniors meet their mentors at least in a each semester to plan for the coming semester and to review/revise long range academic program schedules. Mentee's responsibilities: The Mentee is equally responsible for his / her educational progress and his/ her decision. He / She is expected to: (1) Meet the mentor to share and discuss personal values, interests and goals. (2) Contact and have regular appointments in each semester as and when required. (3) Know and abide by the institutional policies,

procedures and requirements. (4) Become knowledgeable about the training programmes, extracurricular activities and will participate in them. (5) Maintain academic records, to update them periodically and share them with the mentor. (6) Accept and become responsible for all decisions made to become successful graduates. The System of mentor-mentee has been very useful as it 1) Assists students in planning a program and be consistent with their activities and interests. 2) Monitors progress towards their educational career goals and meet once in a semester to review their progress. 3) Pays special attention to the students who need help in their academic progress. 4) Meets the students informally to underscore personal interests of the students as an individual. 5) Motivates and guides the students to achieve their career goals. 6) It is available for the students on a regular basis. office hours should be displayed on the notice board so that the students can meet whenever there is a need. 7) Discusses the academic progress, performance and career plans of the students and inform the same to their parents. 8) Maintains a complete record of updating every ward till his graduation. 9) Shares the experience with their parents.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
4327	188	1 : 23

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
188	188	0	7	88

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
2018	Dr .M.Ramesh	Assistant Professor	Best Community Service - Vocational Award 2018-19
2019	Dr .M.Ramesh	Assistant Professor	Best Public Image - Vocational Award 2018

[View File](#)

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	VAECO	Feb-18	27/02/2018	19/03/2018
BBA	UCBBA	Feb-18	27/02/2018	19/03/2018
BA	VAENG	Feb-18	27/02/2018	19/03/2018
BA	VATAM	Feb-18	27/02/2018	19/03/2018
BCom	UBCOM	Feb-18	27/02/2018	19/03/2018

[View File](#)

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
10	3234	0.30

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.nmc.ac.in/naac2019/criterion-2/2.6.1.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
USCOA	BSc	Computer Application	49	42	85.71
USMAT	BSc	Mathematics	154	145	95.21
USPHY	BSc	Physics	131	104	85.22
USCHE	BSc	Chemistry	73	52	71.09
USZOO	BSc	Zoology	40	32	80
UAECO	BA	Economics	44	35	79.55
UCBBA	BBA	Management	46	40	86.96
UCCOM	BCom	Commerce	142	88	70.36

[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)

http://www.nmc.ac.in/igac/igac-links/exit_feedback2020.pdf

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

Yes
Name of the teacher getting seed money
Prof.K.Nagarajan, Dr.A.Venkatesan, Dr.A.Rajendran, Dr.V.Pandiyan, Dr.M.Mary Anbumathy, Dr.A.Idhayadhulla, Dr.R. Surendra Kumar, Dr.M.Meenakshisundram, Mr.R.Kabilan, Tmt.R.Mala
View File

3.1.2 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the	Name of the award	Date of award	Awarding agency
------	---------------------------------	-------------------	---------------	-----------------

	fellowship			
International	Dr. A. Idhayadulla	Outstanding contribution reviewer Award	22/05/2018	Materials Science and Engineering C (Elsevier)
International	Dr. M. Uma devi	Reviewer Award	25/12/2019	Elsevier Journal
View File				

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	1095	NANOCEUT Therapeutics Pvt. Ltd	800000	800000
Any Other (Specify)	5	DST INSPIRE PROGRAMME	975000	975000
Minor Projects	730	UGC	270000	270000
Minor Projects	730	UGC	290000	290000
Major Projects	1095	DST-SERB	2004363	896487
Major Projects	1095	DST-SERB	1880000	830000
Major Projects	1095	DST-SERB	3700600	2045000
View File				

3.2.2 – Number of ongoing research projects per teacher funded by government and non-government agencies during the years

7

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
Workshop on Preparation of Domestic Products	Chemistry	17/09/2018
View File		

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
Molecular docking studies and Density Functional theoretical (DFT) analysis on molecule for drug design PS-040	M. Gomathi	TNSCST, Tamilnadu	10/09/2019	Student
Use of grey water for	G. Ishwaria, A. Anitha	TNSCST, Tamilnadu	27/01/2018	Student

agriculture purposes in Nehru Memorial College, Puthanampatti

[View File](#)

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
Dairy Farm	Vasi Dairy Farm	Nil	Vasi Dairy Farm	Dairy Product	08/06/2019

[View File](#)

3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Mathematics	2
Chemistry	3
Commerce	2
Computer Science	5
Economics	1
Physics	1
Zoology	4

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	Zoology	10	1.8
International	Computer Science	7	0.48
International	Physics	26	2.09
International	Mathematics	1	0.4
International	English	1	0.6
International	Chemistry	14	1.99
International	Bio-Technology	1	0.32

[View File](#)

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	3
Computer Science	8
English	2
Tamil	4
Zoology	5

[View File](#)

3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
LARVICIDAL COMPOUNDS AND PROCESS THERE OF	Published	201941022600 A	14/06/2018
View File			

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
Excess thermodynamic study of binary mixtures containing 1, 2-dichlorobenzene with aliphatic esters over the entire miscibility range ($0 < \phi < 1$) at temperature 303.15–318.15 K	Raju R., Ravikumar S., Sivakumar K., Raveendra M., Pandiyan V.	Chemical Data Collections	2018	1	Nehru Memorial College	1
Inhibition study of Erioglaucine disodium salt on carbon steel in hydrochloric acid medium using weight loss, electrochemical and thermodynamic properties	Palanisamy K., Kannan P., Sekar A.	Egyptian Journal of Petroleum	2018	2	Nehru Memorial College, Puthanampatti	0
Influence of Hydrothermally Synthesized Cubic-Structured	Sasikumar M., Raja M., Krishna R.H., Jagadeesan	Journal of Physical Chemistry C	2018	10	Nehru Memorial College, Puthanampatti	8

BaTiO ₃ Ceramic Fillers on Ionic Conductivity, Mechanical Integrity, and Thermal Behavior of P(VDF-HFP)/PVAc-Based Composite Solid Polymer Electrolytes for Lithium-Ion Batteries	A., Sivakumar P., Rajendran S.					
Evaluation of antioxidant and anticancer activities of chemical constituents of the <i>Saururus chinensis</i> root extracts	Alaklabi A., Arif I.A., Ahamed A., Surendra Kumar R., Idhayadhulla A.	Saudi Journal of Biological Sciences	2018	6	Nehru Memorial College, Puthanampatti	6
Biosynthesis of TiO ₂ nanoparticles using <i>Justicia gendarussa</i> leaves for photocatalytic and toxicity studies	Senthilkumar S., Rajendran A.	Research on Chemical Intermediates	2018	8	Nehru Memorial College, Puthanampatti	8
Influence of temperature on thermo physical properties of binary mixtures of ethyl acrylate and alkyl amines: An experiment	Shakila A., Ravikumar S., Pandiyan V., Gaba R.	Journal of Molecular Liquids	2018	2	Nehru Memorial College, Puthanampatti	1

al and the oretical approach						
Evaluation of chromot rope FB dye as corrosion inhibitor using elec trochemica l and theo retical studies for acid cleaning process of petroleum pipeline	Palanisamy K., Kannan P., Sekar A.	Surfaces and Interfaces	2018	4	Nehru Memorial College, P uthanampat ti	4
Antimicrob ial, antic oagulant, and cytotoxic evaluation of multidrug resistance of new 1,4 -dihydropy ridine der ivatives	Ahamed A., Arif I.A., Mateen M., Surendra Kumar R., Idhayadhul la A.	Saudi Journal of Biological Sciences	2018	4	Nehru Memorial College, P uthanampat ti	4
Green synthesis of CeO ₂ -TiO ₂ compound using Cleome chelidonii leaf extract for excellent photocatal ytic activity	SenthilKum ar S., Lellala K., Ashok M., Priyad harsan A., Sanjeevira ja C., Rajendran A.	Journal of Materials Science: Materials in Electro nics	2018	0	Nehru Memorial College, P uthanampat ti	0
Gelatin- assisted g- TiO ₂ /BiOI heterostru cture nano composites for azo dye degrad ation	Krishnakum ar B., Hariharan R., Pandiyan V., Aguiar A., Sobral A.J.F.N.	Journal of Environmen tal Chemical E ngineering	2018	5	Nehru Memorial College, P uthanampat ti	4

under
visible
light

[View File](#)

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
Gelatin-assisted g-TiO ₂ /BiOI heterostructure nano composites for azo dye degradation under visible light	Krishnakumar B., Hariharan R., Pandiyan V., Aguiar A., Sobral A.J.F.N.	Journal of Environmental Chemical Engineering	2018	0	4	Nehru Memorial College, Puthanampatti
Green synthesis of CeO ₂ -TiO ₂ compound using Cleome chelidonii leaf extract for excellent photocatalytic activity	SenthilKumar S., Lellala K., Ashok M., Priyadharsan A., Sanjeeviraja C., Rajendran A.	Journal of Materials Science: Materials in Electronics	2018	0	0	Nehru Memorial College, Puthanampatti
Antimicrobial, anticoagulant, and cytotoxic evaluation of multidrug resistance of new 1,4-dihydropyridine derivatives	Ahamed A., Arif I.A., Mateen M., Surendra Kumar R., Idhayadhulla A.	Saudi Journal of Biological Sciences	2018	0	4	Nehru Memorial College, Puthanampatti
Evaluation of chromotrope FB dye as corrosion inhibitor	Palanisamy K., Kannan P., Sekar A.	Surfaces and Interfaces	2018	0	4	Nehru Memorial College, Puthanampatti

using electrochemical and theoretical studies for acid cleaning process of petroleum pipeline						
Influence of temperature on thermophysical properties of binary mixtures of ethyl acrylate and alkyl amines: An experimental and theoretical approach	Shakila A., Ravikumar S., Pandiyan V., Gaba R.	Journal of Molecular Liquids	2018	0	1	Nehru Memorial College, Puthanampatti
Biosynthesis of TiO ₂ nanoparticles using Justicia gendarussa leaves for photocatalytic and toxicity studies	Senthilkumar S., Rajendran A.	Research on Chemical Intermediates	2018	1	8	Nehru Memorial College, Puthanampatti
Evaluation of antioxidant and anticancer activities of chemical constituents of the Saururus chinensis root extracts	Alaklabi A., Arif I.A., Ahamed A., Surendra Kumar R., Idhayadhula A.	Saudi Journal of Biological Sciences	2018	1	6	Nehru Memorial College, Puthanampatti
Influence of Hydrothermally Synthesized Cubic-Structured	Sasikumar M., Raja M., Krishna R.H., Jagadeesan	Journal of Physical Chemistry C	2018	1	8	Nehru Memorial College, Puthanampatti

BaTiO ₃ Ceramic Fillers on Ionic Conductivity, Mechanical Integrity, and Thermal Behavior of P(VDF-HFP)/PVAc-Based Composite Solid Polymer Electrolytes for Lithium-Ion Batteries	A., Sivakumar P., Rajendran S.					
Inhibition study of Erioglaucine disodium salt on carbon steel in hydrochloric acid medium using weight loss, electrochemical and thermodynamic properties	Palanisamy K., Kannan P., Sekar A.	Egyptian Journal of Petroleum	2018	0	0	Nehru Memorial College, Puthanampatti
Excess thermodynamic study of binary mixtures containing 1, 2-dichlorobenzene with aliphatic esters over the entire miscibility range (0 < ϕ < 1) at temperature 303.15–318.15 K	Raju R., Ravikumar S., Sivakumar K., Raveendra M., Pandiyan V.	Chemical Data Collections	2018	0	1	Nehru Memorial College, Puthanampatti

[View File](#)

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	26	25	0	26
Presented papers	26	25	0	0
View File				

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)
Dr. P. Neelananarayanan Department of Zoology	Consultancy on production and marketing biofertilizer	Nehru Memorial College, Puthanampatti	420000
View File			

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
English	Training Program on Enhancing the Language Skills of the School students on 31-07-2019	Sengunthar Higher Secondary School, Thuraiyur	0	300
Computer Science	Digital Awareness to school students	Sengunthar Higher Secondary School, Thuraiyur	0	50
View File				

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
Blood donation camp	Nehru Memorial College Puthanampatti	3	200
National Programme For Control of Blindness	Nehru Memorial College Puthanampatti	3	1600
Three day Workshop on Preparation of Domestic Products	Nehru Memorial College Puthanampatti	15	2450

A workshop on General Awareness on Health through "AYUSH"	Nehru Memorial College Puthanampatti	18	2633
Blood donation camp	Nehru Memorial College Puthanampatti	4	1560
Swachh Bharat	Nehru Memorial College Puthanampatti	5	40
Temple festival service, Thinnanur	Nehru Memorial College Puthanampatti	3	50
View File			

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
overall performance based Rotaract Club of Nehru Memorial College	Best Community Service - Vocational Award 2018-19	Rotaract Club	360
overall performance based Rotaract Club of Nehru Memorial College	Best Public Image - Vocational Award 2018	Rotaract Club	420
View File			

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
workshop	TIDISSIA	Preparation of Domestic product	22	250
Out Reach Program	Puthanampatti panchayat	Rally on nature conservation	5	100
Awareness on Water Conservation	Vellakalpatti panchayat	Water Conservation2	2	50
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
Research	"Dr. R.Surendrakumar & Dr. A. Idhayadhulla"	Characterization	1095

[View File](#)

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
Research	Microbiological Analysis	SRM Hospital, Trichy	21/08/2018	11/03/2019	1
Research	Phytochemical investigation and antibreast cancer activity of flavonoids rich plants under invitro and in slico conditions	Mahatma Gandhi-Doerenkam p Centre for Alternatives to Use of Animals, Bharathidasan University, Trichy	20/07/2018	30/11/2019	1
Research	Evaluation of larvicidal and pupicidal activity of root extract of Manihot esculenta against dengue vector Aedes Aegypti	Centre for Research in Medical Entomology (CRME), Indian Council of Medical Research (ICMR), Madurai.	12/06/2018	28/12/2019	1
Research	In vivo Anticancer activity of flavonoid rich plants	Srimad Andavar Arts and Science College, Trichy	10/12/2018	19/12/2019	1

[View File](#)

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
Elsevier Inc. 50 Hampshire St., 5th Floor, Cambridge, MA 02139, USA	02/07/2018	Publishing Book	1

TIDITSSIA - EDII(Entrepreneurship Development and Innovation Institute)	18/04/2018	Workshop	850
ACEM Meditation	18/07/2018	Meditation Practices	200
Redington	31/10/2019	Training on Employability Traits	150
Centre for Research in Medical Entomology (CRME), Indian Council of Medical Research (ICMR), Madurai.	23/03/2018	Publishing Book	1
International Journal of Science and Engineering Research (IJSER)	20/02/2018	Publishing Conference papers	1
View File			

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
30500000	29706304

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Video Centre	Newly Added
Classrooms with LCD facilities	Newly Added
Seminar Halls	Newly Added
Laboratories	Newly Added
Class rooms	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
KOHA	Fully	4.8	2017

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	41438	12114849	181	50210	41619	12165059
Reference Books	4631	1974048	11	10340	4642	1984388

Journals	69	160495	34	78763	103	239258
e-Books	2936	1066565	0	0	2936	1066565
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
Mr.R.Kabilan	Mathematical Physics	Connecttutor.com	10/06/2019
Mr. E. Siva	Pic-Microcontroller and applications	Connecttutor.com	13/07/2019
View File			

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	538	260	523	82	20	47	56	36	73
Added	95	12	93	23	0	14	35	15	11
Total	633	272	616	105	20	61	91	51	84

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

51 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
Media Centre	https://drive.google.com/file/d/1LYNlzcMYuCaGhq2nDz5Hr_H5gdkI379Q/view

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
2000000	2106489	4500000	4654513

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)

<p>The college follows systematic procedure in maintaining and utilizing the equipment. 1. Laboratory : (a) Maintenance of Laboratory (b) Stock Register is maintained in all departments to enter purchased equipment. (c) Lab assistants are appointed in laboratories to maintain equipment properly. (d) Internal stock verification is done every year by a committee constituted by the</p>

Principal. (e) Follow up action is being on the recommendation committee. 2. College Library : (a) Maintenance of College Library (b) Library functions between 9 am and 5 pm on all working days. (c) Library stocks are classified into science, humanities, computers, reference and competitive examinations. (d) An extensive internal stock verification is done regularly. (e) Assigned with a call number the books are arranged in their respective subject rack. (f) New arrivals are displayed in the new arrival rack. (g) Books availability are verified with OPAC facility. 3. Sport Complex : (a) Maintenance of Sport Complex (b) A systematic procedure is adopted for the purchase and maintenance of sport infrastructural facilities. (c) Two Physical Education Directors educate and motivate the students to participate in sports activities in the college. They regularly conduct trials in indoor and outdoor stadium. (d) The markers maintain the play field and supply the play kits. (e) Electrification and water supply in the sport complex are monitored and maintained. 4. Computer : (a) Maintenance of Computer (b) All computers and air conditioners in the labs are serviced by trained technicians from companies under AMC or Per Call Service mode. (c) Only high rated computers are procured for labs (LENOVO, HCL, HP etc.) with adequate power backup facilities (UPS, Generator, Solar Energy). (d) To provide computers for each student, timetable for practical classes is designed in advance. (e) Computer Networks in the campus, both LAN and WAN, are maintained by structured and OFC cabling. 5. Classrooms : (a) Maintenance of Classrooms (b) Civil department of the college performs the building maintenance and the repair works inside the campus. (c) All classrooms have adequate furniture, LED lights, fans and multiple electrical points. Repair works, whitewashing and painting of building, replenishment of furniture, blackboard, electrical and plumbing are carried out at every year. (d) Academic blocks are installed with lightning arresters and pure RO water supply. (e) Every academic block is provided with UPS using generator and solar power.

<http://nmc.ac.in/iqac/aqar/Maintance%20policy%204.4.2.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	Adi-Dravidar Tribal Welfare Scholarship Higher Education Special Scholarship ADW Scholarship to Ph.D Research Schoars. BC/MBC Scholarship (AIDED) Merit Scholarship Periyar EVR Nagammai Scholarship ((SC/ST) AIDED) Stipend to Ph.D Research Schoars	1944	14141550
Financial Support from Other Sources			
a) National	Scholarship from Private Organization (Redington)	232	1189714

	Foundation), Harrish Menuk Scholar, A.V.S.Scholar, Scholarship, Sports Scholarship, Vikas Trust Scholarship		
b)International	AVS Colombo Scholarship	2	54738
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 implemetation	Number of students enrolled	Agencies involved
Bridge course	18/06/2018	200	Department of Mathematics, Nehru Memorial College, Puthanampatti.
Remedial coaching	19/06/2018	69	Department of Physics, Nehru Memorial College, Puthanampatti.
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
2018	NET/SLET	10	10	2	1
2019	NET Coaching Various Other Examinations	75	29	7	13
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
5	5	20

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

Employment Exchange Trichy and other companies	1417	453			
View File					

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
2018	1	B.Sc	Chemistry	Nehru Memorial College	M.Sc
2018	1	B.Sc	Chemistry	Nehru Memorial College	M.Sc
2018	1	B.Sc	Chemistry	Dhanalakshmi Srinivasan College	M.Sc
2018	1	B.Sc	Chemistry	Muthammal Arts&Science	M.Sc
2018	1	B.Sc	Chemistry	Sri Lakshmi College	M.Sc
2018	1	B.Sc	Chemistry	Nehru Memorial College	M.Sc
2018	1	B.Sc	Chemistry	Nehru Memorial College	M.Sc
2018	1	M.Sc	Chemistry	Vellore Institute Technology	Ph.D
2018	1	M.Sc	Chemistry	Nehru Memorial College	B.Ed
2018	1	M.Sc	Chemistry	Vellore Institute Technology	Ph.D
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	3
SLET	2
Any Other	1
Civil Services	1
View File	

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

Activity	Level	Number of Participants
National science day	Institution Level	240
Tamil Department Function	Institution Level	15
English Department Function	Institution Level	18
Mathematics Department Function	Institution Level	26
Physics Department Function	Institution Level	32
Chemistry Department Function	Institution Level	22
Zoology Department Function	Institution Level	28
Computer Science Department Function	Institution Level	36

[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/ International	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2018	First Prize	National	1	0	2K16BT01	C. Alexander
2018	Runner Up in Tamil Nadu State Level Cricket Tournament	National	1	0	2K18HC25	R. Venkatesh
2018	First Place	National	1	0	2K18702	B.Vetrivel

[View File](#)

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

Our college has an active and functional student council. This council is constituted at the beginning of every academic year. It has been functioning on the noble principles of Democracy. Each and every student is helped to know the importance and values of democracy along with the style of its functioning which enables the students to become the leaders of our nation. Student's representatives are elected class wise and the elected representatives elect their Chairman, Secretary and other office bearers. Apart from this student's council, literary association and department associations are also functioning with the office bearers elected by the students concerned. Students council is actively involved in organizing various programmes in the college such as Freshers' day, Sports day, College day, Cultural festival etc., Staff-in-charge of the associations coordinate the office bearers and train them in such a way that they would organize and conduct these functions successfully. Budget for

each program is decided in consultation with the Principal and office bearers. Planning and execution are carried out accordingly. Thus the students are helped to focus on leadership qualities and managerial techniques. The meeting of the students council is convened 2 to 3 times in a semester to discuss and pass resolutions on the following: 1. Student - centric issues raised by the students 2. Infrastructure facilities 3. Conducting of Sports day, College day, Literary association meeting. 4. Conducting cultural events. 5. Celebration of festivals like Pongal. In case of literary association, the secretary and other office bearers arrange meetings periodically in Tamil or English literature with the eminent scholars from various parts of Tamil Nadu. The student representatives also play a very vital role in various Board of Studies, Academic Council, Anti Ragging Committee, Students Grievance Cell, Placement Cell etc., They are also equally involved in planning for NSS activities ON the campus and OFF the campus, Rotaract services, Youth Red Cross, Red Ribbon Club, NCC.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of registered Alumni:

4168

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

1133300

5.4.4 – Meetings/activities organized by Alumni Association :

5

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)

Curriculum Designing and Implementation :-

- Curriculum designing and implementation at the Under Graduate(UG) and Post Graduate (PG) programmes are carried out by involving all stakeholders of higher education.
- Feedback is sought from students, alumni, course teachers, parents, employers, and industry experts with respect to employability, entrepreneurship and skill developments
- Further workshop/seminar on Designing of curriculum with thrust on Outcome Based Education (OBE) methodology and world class curriculum were conducted on a phased manner during when staff were sensitized towards OBE, its significance, relevance and applicability in the current scenario. Further, at the end of the workshop, staff were trained model curriculum on their respective discipline.
- The teachers analyse the feedback received from the stakeholders regarding curriculum and examine the inputs on the basis of their professional expertise in the preboard of studies meetings.
- On the basis of feedback as well as other curriculum frame work at the national and global standard the new curriculum frame work is developed for UG and PG programme.
- The curriculum and the syllabi developed in the preboard of studies were finalized at the board of studies consisting of renowned Academician, Industrial experts, and alumnae.
- The curriculum and syllabi suggested by the board of studies are presented in the academic council and relevant suggestion given by the council is incorporated.
- The final draft of curriculum and syllabi are placed before the Governing Body for its approval after which the

syllabus becomes functional. • The Programme Outcome (PO), Programme Specific Outcome(PSO) and Course outcome are disseminated to the students in various forums including orientation programmes. Installation of Solar Power Grid in the Campus :- • In view of frequent shutdown of electricity, conducting practical for science stream is more unmanageable. Thus, our college administration looks for another source for providing uninterrupted power supply. In this regard a subcommittee comprising of a team of experts from electricity board, and other unconventional sources. • The subcommittee recommends to install solar power grid in upstairs of in the college buildings. • In this regard, a team compressing of management, staff, and other technical people to visit various institute for the feasibility of installing solar power grid in the college. • Based on the recommendations, the college administration called for the expression for interest. • EOI received from the various suppliers were short listed and called for interactions about their EOI. • Based on the expertise quote and service maintenance was selected. • Solar power plant installation was initiated and successfully commissioned from the year 2017. • The solar power generation is being utilised to meet energy requirement in the campus. • The power generated meet, 40 of our requirements approximately.

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	The admission committee is constituted in every academic year. It follows the admission policy of the parent university and the state government. For transparency, rank list is prepared and it is made known to all students. The publicity is done through the following means: a) Publishes the Annual Prospectus b) Has active Website c) Advertises in regional / national dailies • Students are admitted into various UG and PG Programs offered in the college based on the rank list. (Marks obtained in the qualifying exams and as per Tamil Nadu government guidelines).
Industry Interaction / Collaboration	Our institution has established linkages with following organizations for pursuing research and carrying out extension programmes. These linkages programmes are beneficial to the faculty members for developing their expertise and provide a platform for hands on training. 1) Signing of MoU with reputed institutions and industries 2) Internship Training in Companies Summer Training Programmes 3) Industry Experts in Board of Studies 4) Industrial Visits 5) Industry Interaction / Collaboration other

<p>Human Resource Management</p>	<p>institutions.</p> <p>Human Resource Management is working on the strategy of maximum utilization of resources in a better way. • HR planning is done based on the workload in the departments • HODs in coordination of the Principal plans for the faculty requirement. • The institution has always had the required number of qualified and competent teachers to handle all the courses in all departments. • The management has sustained the admirable practice of filling all vacancies promptly • Training and development programmes for teaching and nonteaching staff are conducted as per the requirement • Orientation of the newly recruited staff and present faculty • Welfare measures for teaching and nonteaching staff were introduced. The institute takes care of its human resources. Employees are given utmost importance and their needs are recognized well on college annual day and teachers' day.</p>
<p>Library, ICT and Physical Infrastructure / Instrumentation</p>	<p>The college campus is spread over 45 acres of land. It has multistory buildings housing spacious class rooms and laboratories. All the laboratories are equipped with state of art modern equipment. The college has an exclusive computer centre with 600 terminals. The office of the Controller of Examinations functions separately in a well furnished wing. The institution has a separate two store Library building with 46,261 volumes of books 103 national, and international reputed / peer reviewed journals. The college has an air conditioned conference hall. A mega multipurpose hall with a floor space of 25,000 sq. feet is another unique feature of the college. There are three hostels: 1) Sir. C.V. Raman Hostel which could accommodate 1400 women inmates, 2) Mahatma Gandhi Centenary Hostel and Highland Hostel for 600 men inmates. These hostels are well furnished with lodging facility, reading rooms, computer laboratory with internet connectivity, play ground, ultra modern kitchens and spacious dining halls. C.V. Raman Hostel for women has an open air auditorium for the conduct of cultural and literary events. The institution has established Reverse Osmosis plant for the supply of</p>

purified drinking water for all the Students and Staff. As regards power supply, the college has 24 hrs HT power supply along with 165 KVA backup generators. All the academic and administrative blocks are connected with Internet facility. All the staff members are provided with computer and Internet facility. Students have access to Internet in the Internet centre. The institution conducts medical camps frequently. Any emergency medical need is taken care of by the nearest Govt. Hospital at Omandur which is 4 km. away from the campus. A separate vehicle is exclusively kept ready for the medical care of the students round the clock. The institution provides adequate transport facility for the students and staff.

Research and Development

The college functions with a striking balance between teaching and research, which is evidenced from the following measures: Identification and recruitment of eminent researchers as faculty members and motivating to the existing staff members to pursue research and higher studies Deputing the faculty members to other advanced institutes in India and abroad with financial assistance to various training programmes Inviting faculty of other places for exchange programmes Institution of cash awards for best research publications and presentations at International level conferences Providing travel assistance to teachers to present their research proposals with various funding bodies like UGC, DST-SERB, ICCSR etc. The college has departments with facility for research and faculty members are Ph.D. holders. A lot of research activities are being carried out with the financial support of the University Grants Commission, the Council for Scientific and Industrial Research, the Department of Science and Technology, Science and Engineering Research Board, The Defense Research and Development Organisation and the Ministry of Environment and Forests, Government of India. The faculty members and students publish papers consistently in the Nationally and Internationally reputed and peer reviewed journals. The college is recognized by Department of Science and Technology, Govt. of India for

implementing Fund for Improving Science and Technology [FIST] in College as whole programme. The college library is adequately equipped with research materials for various areas of research in the form of back volumes, subscription to current periodicals.

The college undertakes various extension activities under the aegis of NSS, NCC, YRC, Gender Club, Rotaract Club, Red Ribbon Club and Consumer Club. These units organize various programmes such as Tree Plantation Programmes, Blood Donation Camps, Village adoption Programmes, Tobacco and Plastic free campaign. Sports activities are yet another top priority of the college, which are effectively and excellently monitored by the department of Physical Education. The college has an excellent well equipped indoor sports facility hall for the staff and the students. The college offers consultancy to individuals and organizations that approach free of cost, as it feels such an offer would enrich the academic talent of the college. The expertise available in the Departments of Zoology, Computer Science, and Commerce are utilized for offering consultancy services. The

Centre for Eco-friendly Agro Technologies offers consultancy to the farmers on vermicompost production and Rodent Pest Management. Training on Business Process Outsourcing and Online share trading are given by the Department of Computer Science and Commerce respectively. The college has entered into Memorandum of Understanding (MoU) with a number of institutions for the exchange of teaching and research programs, collaborative programmes, which have yielded good results. The college campus is provided with interdepartmental connectivity facility and an efficient internet structure is installed. Many teachers of the college have received awards and recognition from the Government and other academic bodies for their outstanding performance in teaching and research.

Examination and Evaluation

The examination system under autonomy carries out fair, transparent, accountable and equitable assessments. Examination Procedures • Examination system has two components: Continuous

Internal Assessment (CIA) and Semester Examination. • The College Academic Calendar contains all details about the examination and evaluation procedure. • Faculty and students are furnished with the evaluation pattern and assessment guidelines. • Revised rules and regulations are placed in Academic Council Meeting and implemented on its approval. • Assessment is based on CIA and Semester Examination with weight age of 25 for CIA and 75 for Semester Examination • All theory question paper for semester examinations will be set by external examiners. Evaluation Process • Single valuation for UG and double valuation for PG/M. Phil are done under the supervision of the Head of the Department. • After the semester examinations, the results will be scrutinized by Passing board committee. • Revaluation is permitted for the U.G. programme. • Students will be given a mark sheet for every semester examination. • At the end of the course, a consolidated mark sheet of the final results based on weight age credit point system will be given to each student. Supplementary Examination • Students with arrear / absent in odd semesters (November) are eligible to appear in Semester Examination odd semester and the same is followed in the even semester. • June Instant supplementary examinations held in June every year enable the students continue their higher studies without any break. Transparency Accountability The college ensures transparency in the evaluation process. • Declaration of results through the website, notice board and sending SMS to parents' by Automation. • Photo copies of answer sheets are made available on request after declaration of results for clarifications. • Provision of re-totaling and revaluation are available after the declaration of results. Examination IT Incorporation • Online submission of Examination Applications • Exam time tables through college Website. • Hall tickets generation with the photograph along with regular and arrear papers list. • Examination Results dissemination Online/ emails/SMS. Continuous Internal Assessment System • CIA for 25 marks and Semester Examination for 75 marks.

- The components of CIA include a variety of assessment covering Test/ Practicum for Lab. Courses, Assignments, Quizzes/ Seminar/ Class Room Participation and Case Study/ Oral Tests/ Extempore Speech/ Debates/ Mini Projects.
- Outcome based continuous internal evaluation is being adopted with many components of performance such as classroom participation, dynamics, etc.
- Positive Impacts
- Skill assessment side by side knowledge assessment.
- Outcome based assessments are enabled.
- Exam days reduced result declaration quickened.
- Greater transparency is practiced with the principle of natural justice to examines ensured.
- Marks/Grades reflect the aptitude of the learners reflected through the learning outcomes exhibited.
- Professional competencies of the students are improved.

Teaching and Learning

The performance of the students is assessed through Continuous Internal Assessment system prescribed by the Academic Council. Besides this, the college conducts end semester examinations. The evaluation process is meticulously planned and systematically carried out by the office of the Controller of Examinations confidentially. The college adopts transparency in evaluation process by providing photocopy of the answer scripts to the aggrieved students. An academic audit is conducted every year to evaluate the teaching learning process for betterment. Supplementary and Instant examinations are conducted for the benefit of the students.

Curriculum Development

The curriculum of every academic programme offered in the college is drafted and recommended by a Board of Studies exclusively constituted for that programme with experts belonging to Educational Institutions / Industries / Research Labs related to that programme along with the internal expertise, which is later approved by Academic Council of the college. Due weightage is given to the opinions of various stakeholders of higher education. The syllabi are regularly restructured / modified taking into account of the recent trends and developments in the higher education scenario.

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

E-governance area	Details
Planning and Development	College Website, Calendar, Administration
Administration	Attendance Software, CCTV Surveillance outside Classrooms, Library and Hostels, Online Attendance Software, Biometric Attendance through Finger Print Recognition System, Electronic Public Address System in Hostel, Electronic Accounting System in Hostel, Auto Lib Integrated Library Management Software.
Finance and Accounts	Tally ERP for Finance and Account Management in Students Cooperative Store.
Student Admission and Support	Online Admission Software, ICT enabled Classroom, Smart Classroom, Offline Elective Paper Selection, Attendance send through SMS to students parents.
Examination	Examination IT Incorporation • Online submission of Examination Applications • Exam timetables through college website. • Hall tickets generation with the photograph along with regular and arrears paper list. • Examination Results dissemination Online, emails and SMS.

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	Dr. M. Uma devi	National	NA	500
2018	Dr.M.Muralidharan	International	NA	1000
2018	Dr.M.Muralidharan	National	NA	500
2018	Dr.S.Murugan	International	NA	1000
2018	Dr.S.Murugan	National	NA	500
2019	Dr.D.Jayachitra	International	NA	1000
2019	Tmt.V.Priya	International	NA	1000
2019	Tmt.V.Priya	National	NA	500
2019	Tmt.V.Priya	National	NA	500
2019	Dr. P. Kalpana	International	NA	1000

[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	Two-day Faculty Development Program on how to enrich learning with digital tools	NA	11/06/2018	12/06/2018	160	0
2018	One Day Workshop on Outcome Based Education	NA	25/08/2018	25/08/2018	150	0
2019	Faculty Development Program on Mentoring and Counseling	NA	30/05/2019	30/05/2019	162	0
2018	Faculty Development Programme on "The Art of Public Speaking"	NA	18/08/2018	18/08/2018	25	0
2018	One day orientation programme on employability skills	NA	27/09/2018	27/09/2018	160	0
2019	Orientation programme for the teaching staff of commerce and management departments	NA	27/05/2019	29/05/2019	28	0
2019	Two day workshop	NA	10/06/2019	11/06/2019	23	0

	on Mobile Application Development using Android					
2019	NA	Development programme for Non-Teaching Staff on MS-Office Tools	06/03/2019	06/03/2019	0	42
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
Faculty Development Programme	160	11/06/2018	12/06/2018	2
State Level one day workshop on Outcome Based Education	4	25/08/2018	25/08/2018	1
Faculty Development program on Students skills Mentoring and counselling	162	30/05/2019	30/05/2019	1
Refresher course BDU	1	20/10/2019	02/11/2019	14
ICSSR sponsored Capacity Building Programme	2	11/03/2019	23/03/2019	13
Orientation Program	1	20/08/2019	09/09/2019	21
National Workshop	1	01/02/2019	01/02/2019	1
Entrepreneurship Awareness Program	1	15/02/2019	15/02/2019	1
National Level Workshop on R Programming	1	31/08/2019	01/09/2019	2
National Level Workshop on Research	1	26/07/2019	28/07/2019	3

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
53	188	37	30

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<ul style="list-style-type: none"> • Every year Faculty Development Programme (FDP) is organized before the commencement of academic year. • Staff members are encouraged to attend Orientation programs, Refresher courses and Shortterm courses being conducted by various universities across India. • Leave on other Official Duty (OD) is granted to staff members to attend National/International state level workshops, seminars, conferences etc., • Financial assistance is also provided for these teaching staff attending seminars, conferences, workshops, etc., • Financial support is provided to staff members for publishing research articles in the peer reviewed journals. They are honoured in the Teachers' Day being celebrated on every September 5th. • Seed money is provided for staff members to prepare and send research proposals for various funding agencies. 	<ul style="list-style-type: none"> • Non-teaching staff are deputed to attend the special training programmes conducted by RJDCE/Collectorate /Treasuries etc., • They are motivated to take up higher studies. • They are encouraged to take up department level examinations. • Orientation programmes for nonteaching staff is organized to enrich their knowledge in office administration. • They are trained in ICT enabled administration for the speedy and efficient work. • Promotion from nonteaching position to teaching position is also provided for the deserving candidates. • Lab assistants are given training in safety and security measures to be taken in laboratories. 	<p style="text-align: center;">Insurance</p>

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 conducts internal and external financial audit regularly. The internal audit is carried out by a statutory auditor appointed by the Governing Body. Whereas external audit is carried out by the office of the regional Joint Director of Collegiate Education, Tiruchirappalli region and office of the

Principal Accountant General, Chennai. Audit by the O/o RJDCE and O/o AG is carried out for the accounts maintained by the College office which includes: • Maintenance of Receipts of Payments • Cash Book • Ledger Books • Cheque issue Register • Daily Fees Collection (DFC) • Voucher and Bills • Scholarships received from State/ Central Government (for BC, MBC, SC ST Students and others) • Salary Grant received from the State Government • Grants received from UGC/ other funding agencies • Autonomous grant received from UGC The finance Committee is entrusted with the task of management and inspection of various accounts of the college. The Principal who is the Chairman of the Finance Committee convenes meetings periodically and accounts relating to previous year are carefully scrutinized prior to the preparation of the budget for the current academic year. The college also conducts stock verification (Internal Inventory Audit) at the end of every academic year with the help of HODs and Senior most teachers. The audit team visits every department to physically verify the equipment, computers, consumables and other resources. The team also inspects the accession registers, bills and invoices, purchase orders and other records maintained by each department. In respect of the funds received from UGC under various grants and other funding agencies for various schemes and projects, the utilization certificate along with audited statement of accounts are promptly sent to be funding agencies concerned. The auditor appointed by the Governing Body audits the accounts of both Aided and Self financed streams. The Income and Expenditure account along with balance sheet is prepared by the auditor and Income Tax returns are filed every 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
Thiru. Dharmalingam, S.Chandrasekar, M/s Sangeethas Hotel, Sri Ambal Chit fund C.Devaraj, Ponsiva Agencies, Ramba Theatre, The Precision Scientific Co, Cheran Palace Thirunavukakarasu P, Balasbramaniam P, SGS Exports, A.Loganathan	1133300	Donation, Sponsorship of College Fees
View File		

6.4.3 – Total corpus fund generated

8000000

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	External Experts	Yes	IQAC
Administrative	Yes	Autonomous Review Committee NAAC Committee Government	Yes	Internal Auditors

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

The college has an active parent teacher forum which meets thrice in a year to support the management with various suggestions and feedback. The following suggestions were obtained, information on courses offered by details of scholarships and concessions, banking loan and campus recruitment are to be provided to all parents through an effective mode of communication.

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

- The Non teaching staff members are trained in using computer packages (Microsoft office).
- The non teaching staff members are also encouraged to appear for Tamilnadu Public Service Commission Departmental examinations.
- Initiatives taken by the institution to make the campus eco-friendly
- Adopting concrete energy saving strategies in the campus and also in creating Awareness among students and staff about its critical significance.
- Waste water from Hostels is effetedly used for farming purpose.
- Tree wastes, leaves are used for making bio fertilizer.
- The plantation and maintenance of trees in the campus as well as creating awareness about the ecosystem to nearby villages by NSS and NCC volunteers is regularly conducted.
- Institute a solar power system.
- Rain water harvesting system is properly initiated so as to have plenty of drinking water as well as for farming purpose.

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

- Implementation of Outcome Based Education
- Participated in NIRF
- Online Admission and fee collection

6.5.5 – Internal Quality Assurance System Details

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

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	Two-day Faculty Development Program on How to Enrich Learning with Digital Tools	11/06/2018	11/06/2018	12/06/2018	160
2018	One Day Workshop on Outcome Based Education	25/08/2018	25/08/2018	25/08/2018	150
2019	Faculty Development Program on Mentoring and	30/05/2019	30/05/2019	30/05/2019	162

	Counselling				
2019	Development programme for Controller of Examination Office staff on Automation of Control Office	11/07/2019	11/07/2019	11/07/2019	10
2019	Development programme for Non-Teaching Staff on MS-Office Tools	06/03/2019	06/03/2019	06/03/2019	42
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
Consumerism	16/10/2018	16/10/2018	107	54

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
329849

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	8
Provision for lift	Yes	3
Ramp/Rails	Yes	3
Scribes for examination	Yes	1

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	08/07/2018	1	Blood donation camp	Awareness of blood group	203

2018	1	1	08/09/2018	1	National Programme For Control of Blindness	Rotaract Club	1600
2018	1	1	17/09/2018	3	Three day Workshop on Preparation of Domestic Products	Self help group	2450
View File							

7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
Value Education, Human Rights, Professional Ethics and Women Studies	18/07/2018	Education of any art will be incomplete without values and ethics. Nehru Memorial College considers instilling human values, national values and ethics in the minds of young learners as its primary duty along with imparting knowledge and skills. Through a mandatory courses on "Value Education, Human Rights, Professional Ethics and Women Studies" and "Environmental Studies", the students are sensitized on issues related to gender equality, etiquette, professional ethics and eco consciousness. Our students also serve as messengers of human and national values of Gandhipedia to make our society uphold the noble vision of 'Unity in Diversity'.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Independence day	15/08/2018	15/08/2018	620
Republic day	26/01/2019	26/01/2019	600
Science Day	28/02/2019	28/02/2019	632
Teachers Day	05/09/2018	05/09/2018	4250
Pongal Day Celebrations	15/01/2019	15/01/2019	4320

Yoga Day	21/06/2018	21/06/2018	410
View File			

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

Effective use of renewable energy resources 1) In particular, 300kv solar panels installed in the roof of all building and thereby, 40 power requirement met by the renewable energy sources 2) Gradually replaced existing convectional bulbs by LED bulbs 3) Producing around 40 tonnes per annul among solid waste in the campus 4) Irrigation is being done liquid wastes in hostels as well as in the campus 5) Rainwater harvesting is having practiced by collecting all water in a storage tank with a capacity 50,000 liters.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Institutional Two Best Practices 1. ACADEMIC AUDIT 2. VERMIBIOTECHNOLOGY ACADEMIC AUDIT The continuous progress of the College is monitored through an annual external academic audit conducted by the Internal Quality Assurance Cell (IQAC). Objectives of the practice: 1) To encourage the faculty to aim constantly at quality and sustenance activities. 2) To help the teachers, in all departments to use innovative methods in their classroom teaching and learning process. 3) To encourage faculty to improve their professional developments. 4) To develop research culture at the grass root level. 5) To review the functioning of departments, associations and facilities. 6) To identify the strengths and limitations of the department. The Context: Annual Academic Audit is introduced by the college to reinforce the healthy practices of the college with suitable mechanisms to identify and reform whether the goals and objectives of the college are being implemented successfully. The notion of conducting academic audit is to assess the academic performance of staff in particular and departments as whole. Specifically, the audit is conducted on the basis of criteria wise as suggested by the NAAC. Issues identified were curricular designing and development, teacher quality and profile, performances of students, innovative methods in teaching and learning process, academic progress of the department, professional developments of staff, research and extension activities conducted by the department, students support activities, best practice of the department and so on. In view of this exercise, the strength and limitations of the department can be identified and suitable measures are suggested. This practice develops a healthy competition among the members of faculty of each department and also among the departments. It is to be ensured that students graduating from the college are groomed to master any set of skills or knowledge. They are trained to maintain a high standard with their counterparts in urban. The Practice: 1) Academic audit committee is being constituted with external expert, Principal and coordinator of IQAC. 2) Once the committee is constituted, the date and time of the academic audit will be informed to the respective departments well in advance. 3) A department evaluative report in duplicate has to be kept ready based on the format evolved for audit one being the self study report of the department and the other for the individual teacher profile. 4) The departments are expected to be prepared with the following documents and display them before the Academic Audit Committee. a. Curricular aspects b. Teaching, learning and evaluation methodology adopted in the department c. Research and extension details d. Student support activities e. Best practice of the department 5) At first Head of department or coordinator of Micro Quality Assurance Cell (MQAC) presents the activities of the department. Then the members of academic audit interact with each member of faculty with regards to programme and courses various concepts of the courses taught and also go through all their records and credentials. 6) At the end, the committee evaluates the whole departments'

academic performance. A report is prepared with the significant contribution of the members of faculty. Hard copies of the reports duly signed are being sent to the IQAC. IQAC after due verification sends the report to the Principal. The reports of audit team will be finally sent to the concerned Heads of the Departments for their perusal and further course of action. Evidence of Success: After conducting the academic audit regularly, it has been found that a significant improvement of the individual faculty with regard to attending seminars, publishing papers, undertaking consultancy, organizing seminars / workshops, maintaining records etc. Further the performance of departments is remarkably accomplished. Student support activities, student progressions and placement activities are considerably increased. Problems Encountered and Resources Required In view of continuous internal assessment of students, teaching schedule, research and extension activities and examinations related duties make the teacher unable to collate the data and write the self study report. Clerical assistance was not available. The teachers has to adopt/familiarize new technology/gadgets to get their work done easily. Resource required 1) Human Resources collect information to process and collate. 2) Financial assistance for stationary and other miscellaneous items for preparing reports. 3) Technological resource Use of computers and other modes of data processing. 4) Material Resources - Paper and stationary items for preparation of audit. Notes: The IQAC develops standards for the various administrative and academic functions of the college. It also orients and trains staff members existing and new entrants on various issues and changes in higher education. The IQAC sheds responsibilities and works in a team at all levels of the hierarchical structure. In particular IQAC has introduced quality circles in department level by forming Micro quality assurance cell (MQAC)

VERMIBIOTECHNOLOGY 1. Title of the Practice: Vermibiotechnology 2. Objectives of the Practice:

- To convert plant origin wastes from our college campus and animal origin wastes particularly, cow dung into vermicompost in order to maintain a litter free campus all through the year
- To evolve and develop ecofriendly and novel technologies for restoration and improvement of soil health through Vermiboitechnology
- To increase crop productivity through the utilization of vermiproducts viz.,Vermicompost, Vermiwash and Vermitea as one of the agroinputs
- To disseminate the developed novel technologies to farming community and interested students of our college for adoption in their crop fields in order to increase crop yield for meeting out the ever growing demands of food grains
- To create and sustain pollution free environment for the present generation and posterity.

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

<http://www.nmc.ac.in/igac/igac-links/7.2.1%20Best%20Practices%202018-2019.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

Institution in one area distinctive to its vision, priority and thrust
Empowering the rural and underprivileged students Community through broad based education Nehru Memorial College is located in rural area and the students population mainly hails from socially disadvantaged and economically weaker sections of the society, who can get entitled to dignified survival only through higher education and employment. Hence, it has become essential to nurture and sharpen the talents of every student and to offer them a broad based education with deep knowledge in the chosen discipline and broad general education in other areas. Our is a one stop destination for all the educational needs, career options and life solutions of the students. It is a life changing destination for students. Our college is a trend setter and game changer of

higher education in this region. For instance we offer B.Sc. Computer Science in the year 1983, M.Sc., Applied Physics 1983, UGC Innovative programme - M.Sc. Embedded Systems in 2013 and M.Sc. Data Science in 2018. Education is redefined in the college, based on current global trends in territory education. The college uplifts the student community by offering a global, holistic, broad-based education, which include Integrated Learner- Centric Inter-Disciplinary education through Knowledge Empowerment and Integrated Skill Development Programmes. The knowledge empowerment in broad-based education involves blending the curriculum into a whole learning experience, by integrating with Education of deep knowledge in the discipline of study and broad knowledge in the general education. The teachers sharpen the mathematical intelligence and linguistic fluency of each student. The teachers identify the uniqueness of each student and help them to excel in that domain. Knowledge empowerment Utilizing the academic freedom of Autonomy, the College develops curricula to suit the needs of the students with relevance to local/regional National/Global requirements. Taking students beyond academics, it involves them in various interactive skill-development strategies to develop their higher order: • Writing assignments on issues related to the subject and at the sometime having contemporary relevance accelerates students' creative thinking and conceptualizing skills • Taking Seminars with PPT develop their Synthesizing and Presentation ability • Students' interacting with experts during Seminars/Workshops/Conferences promotes their analytical and application knowledge • Industrial visits, study tours, field visits enable students gather insights on Industrial Practices and latest technologies that promotes students' questioning and reporting skills. • In model making sessions, students' finding their own solutions stimulates their problem solving strategics. Enhancing Communication Skills, since majority of the rural students are first generation learners, lack of competence in communication skills in English is their major challenge. Nehru Memorial College makes efforts developing their communication skills in English. 1) Several clubs and mentoring programme are organised to develop communicative skills in various levels. 2) MoU with Redington, Chennai has enabled students receive professional training on Soft Skills. 3) Group discussions and brain storming sessions conducted on controversial topics encourage the process of free thinking, boosts up students' self-confidence and promotes their communication skills Videos, Documentaries and Films are screened

Provide the weblink of the institution

<http://nmc.ac.in/igac/aqar/Distinctiveness%207.3.1.pdf>

8.Future Plans of Actions for Next Academic Year

Plan of Action for the Academic year 2019-2020 1. Organizing Faculty Development programmes in respect of themes on OBE, on-line courses, and IPR. 2. Organizing Staff Development programmes for Non-teaching staff on themes of Office Automation and Lab-Safety aspects. 3. Skill-development programmes for students Mentor-Mentee activities. 4. Encouraging research and development activities. 5. Strengthen placement activities and career guidance programmes. 6. Conducting Academic Administrative Audit (AAA) with external experts. 7. Conducting Green audit and Energy audit. 8. Preparation of NAAC SSR.