Yearly Status Report - 2019-2020

Part A	
Data of the Institution	
1. Name of the Institution	**NEHRU MEMORIAL COLLEGE**
Name of the head of the Institution	**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) PUTHANAMPATTI POST, THURAIYUR TALUK, TRICHY DISTRICT.**
City/Town	**Tiruchirappalli**
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	**Self financed and grant-in-aid**
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	**iqacnmc2021@nmc.ac.in**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	**https://www.nmc.ac.in/iqac/aqar/AQAR-2018-2019.pdf**

4. Whether Academic Calendar prepared during the year

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	https://www.nmc.ac.in/Annualdayreport/NMC%20CALENDER%202019-2020.pdf

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**
2	**A+**	**3.28**	**2022**	**01-Feb-2022**	**31-Jan-2027**

6. Date of Establishment of IQAC

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	Date & Duration	Number of participants/ beneficiaries

IQAC		
A PROGRAMME ON AUTOMATION OF CONTROLLER OFFICE STAFF	07-Nov-2019 1	10
FDP ON MACHINE LEARNING TECHNIQUES	31-Aug-2019 1	20
NAAC STEERING COMMITTEE MEETING	16-Sep-2019 2	23
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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	DST FIST	DST	2019 1095	11000000
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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 :	**1**
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. Faculty Development Programmes are organized regularly. 2) Feedback collected ,analysed and action taken on it. 3) 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 6) Outcome based education module suitable to the institution are prepared and implemented.

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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
To increase Placement, various placement drive will be conducted	In the year 2019 2020 the 111 students are placed in various companies through placement drives
To facilitate upgradation of knowledge and skill of faculty, FDPs will be conducted	Organized programmes on various themes
Implementation of OBE	Outcome based education module is prepared and implemented from 2019 -2020 onwards for all the UG and PG programmes
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14. Whether AQAR was placed before statutory body ?	**Yes**

Name of Statutory Body	Meeting Date
IQAC MEETING	15-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	**2020**

Date of Submission	**29-Feb-2020**

17. Does the Institution have Management Information System ?	**Yes**

If yes, give a brief descripiton 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. We specially designed an LMS- ConnecTutor online integrated software for creating, delivering, tracking, and reporting educational courses and outcome in association with ConnecTutor, USA.

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
BA	UAENG	ENGLISH	15/04/2019
BA	UATAM	TAMIL	15/04/2019
BCom	UCCOM	COMMERCE	15/04/2019
BCom	UCCCA	COMMERCE AND 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
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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
BA	ECONOMICS	18/06/2019	19 E 101 CC-I- History of Economic Thought	18/06/2019
BSc	ZOOLOGY	18/06/2019	19XZ21 SKBC-I – Apiculture	18/06/2019
BCom	COMMERCE	18/06/2019	19C101 CC I –Business Accounting	18/06/2019

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1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
No Data Entered/Not Applicable !!!		

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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	TAMIL	18/06/2019
BA	ENGLISH	18/06/2019
BA	ECONOMICS	18/06/2019
BCom	COMMERCE	18/06/2019
BCom	COMPUTER APPLICATIONS	18/06/2019
BSc	MATHEMATICS	18/06/2019
BSc	PHYSICS	18/06/2019
BSc	CHEMISTRY	18/06/2019
BSc	COMPUTER SCIENCE	18/06/2019
BSc	ZOOLOGY	18/06/2019
BSc	BOTANY	18/06/2019
BSc	DATA SCIENCE	18/06/2019
BSc	HMCS	18/06/2019
BCA	COMPUTER APPLICATION	18/06/2019
BBA	MANAGEMENT	18/06/2019
MA	TAMIL	18/06/2019
MA	ENGLISH	18/06/2019
MA	ECONOMICS	18/06/2019
MCom	COMMERCE	18/06/2019
MSc	MATHEMATICS	18/06/2019
MSc	PHYSICS	18/06/2019

MSc	CHEMISTRY	18/06/2019
MSc	COMPUTER SCIENCE	18/06/2019
MSc	ZOOLOGY	18/06/2019
MSc	BOTANY	18/06/2019
MSc	DATA SCIENCE	18/06/2019
MSc	BIO TECHNOLOGY	18/06/2019
MSc	EMBEDDED SYSTEM	18/06/2019
MCA	COMPUTER APPLICATION	18/06/2019
MBA	MANAGEMENT	18/06/2019
MPhil	TAMIL	18/06/2019
MPhil	ENGLISH	18/06/2019
MPhil	ECONOMICS	18/06/2019
MPhil	ZOOLOGY	18/06/2019
MPhil	BOTANY	18/06/2019
MPhil	BIO TECHNOLOGY	18/06/2019
MPhil	CHEMISTRY	18/06/2019
MPhil	MATHEMATICS	18/06/2019
MPhil	COMMERCE	18/06/2019
MPhil	COMPUTER SCIENCE	18/06/2019
MPhil	PHYSICS	18/06/2019
PhD or DPhil	TAMIL	18/06/2019
PhD or DPhil	ENGLISH	18/06/2019
PhD or DPhil	MATHEMATICS	18/06/2019
PhD or DPhil	PHYSICS	18/06/2019
PhD or DPhil	CHEMISTRY	18/06/2019
PhD or DPhil	ZOOLOGY	18/06/2019
PhD or DPhil	BOTANY	18/06/2019
PhD or DPhil	COMPUTER SCIENCE	18/06/2019
PhD or DPhil	ECONOMICS	18/06/2019
PhD or DPhil	BIO TECHNOLOGY	18/06/2019
PhD or DPhil	COMMERCE	18/06/2019

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
Preparation of domestics product	17/09/2018	121
Gimp lab	18/06/2018	18
Latex	18/06/2018	18
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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
BA	ECONOMICS	125
BSc	BOTANY	44
BCom	COMMERCE	47
BSc	MATHEMATICS	35
BSc	ZOOLOGY	105
MSc	PHYSICS	34
MSc	MATHEMATICS	23
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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

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.

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
BA	Economics	58	65	43
BA	English	180	105	57
BCom	Commerce	208	218	197
BSc	Chemistry	124	100	92
BSc	Computer Science	253	218	165
BSc	Data Science	60	32	25
MSc	Mathematics	75	29	23
MSc	Zoology	40	10	6
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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 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
2019	3341	425	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	Numberof smart classrooms	E-resources and techniques used
188	188	245	150	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
3766	188	1:20

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
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
2020	Dr. K.T. Tamilmani	Associate Professor	Best Teacher 2020
2019	Dr. A. Idhayadulla	Assistant Professor	Outstanding Contribution Reviewer award (2019)
2019	Dr. M. Umadevi	Assistant Professor	Best reviewer award (2020)
2019	Dr. M. Ramesh	Assistant Professor	Best Community Service Best Public Image – Vocational Award - 2019
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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-	Date of declaration of results of semester-

			end examination	end/ year- end examination
BA	VATAM	Nov-19	14/11/2019	21/12/2019
BA	VAENG	Nov-19	14/11/2019	21/12/2019
BSc	USBOT	Nov-19	14/11/2019	21/12/2019
MSc	PSMCS	Nov-19	14/11/2019	21/12/2019
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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
0	0	0

2.6 – Student Performance and Learning Outcomes

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

https://www.nmc.ac.in/aqar2022/2.6.1%20POs%20PSOs%20COs.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
UAECO	BA	Economics	39	33	84.61
UCCOM	BCom	Commerce	151	124	82.11
USBOT	BSc	Botany	44	35	79.54
USCHE	BSc	Chemistry	93	61	65.59
USCSC	BSc	Computer Science	125	101	80.8
PSMAT	MSc	Mathematics	23	23	100
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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)

https://www.nmc.ac.in/iqac/iqac-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

Dr.S.KUMARARAMAN

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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	Dr.K.SARAVANAN	Innovative researcher dedicated teaching professional Award zoology	Nill	The society of innovative educationalist scientific research profes sional-chennai

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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	1095	NANOCEUT Therapeutics Pvt. Ltd	800000	800000

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

1

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
Two day workshop on preparation of domestic product	CHEMISTRY	28/08/2019

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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
Best Community Service	Dr. M. Ramesh	Rotary Club of Thuraiyur Perumalmalai	Nill	Vocational Award 2019-2020

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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
No Data Entered/Not Applicable !!!					

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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
ECONOMICS	3
BOTANY	3
CHEMISTRY	1
MATHEMATICS	1
PHYSICS	1
COMPUTER SCIENCE	4
COMMERCE	1

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	12	2
International	PHYSICS	16	5
International	MATHEMATICS	1	1
International	ENGLISH	2	0
International	ECONOMICS	8	1
International	COMPUTER SCIENCE	6	2
International	COMMERCE	2	2
International	CHEMISTRY	19	6
International	BOTANY	1	3
International	BIOTECHNOLOGY	1	1

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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
TAMIL	3
ZOOLOGY	13

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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	14/06/2019

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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	Number of citations

Thermodynamic properties and IR studies of binary mixtures of benzylamine with alkyl esters at different temperatures	Rajalakshmi R., Ravikumar S., Gaba R., Pandiyan V.	Chemical Data Collections	2019	4	Nehru Memorial College	0
Study the immunomodulation of anthracenedione in striped dwarf catfish, Mystus vittatus against pathogenic bacteria, Aeromonas hydrophila	Harikrishnan R., Devi G., Paray B.A., Al-Sadoon M.K., Hoseinifar S.H., Gokul E.	Fish and Shellfish Immunology	2019	3	Nehru Memorial College	0
Costus speciosus leaf extract assisted CS-Pt-TiO2 composites : Synthesis, characterization and their bio and photocatalytic applications	Surya C., Arul John N.A., Pandiyan V., Ravikumar S., Amutha P., Sobral A.J.F.N., Krishnakumar B.	Journal of Molecular Structure	2019	8	Nehru Memorial College	0

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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
Paddle wheel	Elangovan,	JOURNAL OF	2019	0	0	Nehru Memorial

manganese carboxylate metal organic frame work as a host for hydrophilic molecules	A. Umadevi, M. Muthuraj, V.	MOLECULAR STRUCTURE				College
Electrical Resistivity Measurements of Manganite La0.95Sr0.05MnO3 Under Uniaxial Pressure at High Temperature	Muruganantham, S. Kumararaman, S. Tamilselvan, N. R. Thaila, T. Subbaraman, K.	JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM	2019	0	0	Nehru Memorial College
Cytotoxic, larvicidal, nematicidal, and antifeedant activities of piperidin-connected 2-thioximidazolidin-4-one derivatives	Arif, Ibrahim A. Ahamed, Anis Kumar, Radhakrishnan Surendra Idhayadhulla, Akbar Manilal, Aseer	SAUDI JOURNAL OF BIOLOGICAL SCIENCES	2019	0	1	Nehru Memorial 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	17	52	5	0
Presented papers	8	19	2	0
Resource persons	0	7	7	14

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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)
Dr.P.NEELANARAYANAN	Consultancy on production and	Nehru Memorial College,	400000

	marketing biofertilizer	Puthanampatti 9443765887	

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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
0	0	0	0	0

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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
Eye Camp	Mahatama Eye care Hospital trichy	5	800
UBA	MHRD, Government of india	1	70
Community awareness programme on Womans health issues	Karpom, karpipom, madurai	2	175

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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
Best Community Service	Vocational Award 2019-2020	Rotary Club of Thuraiyur Perumalmalai	220

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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 activites	Number of students participated in such activites
Outreach Programme	Department of english NMC Government adhidravidar welfare higher secondary school, M.R.Palayam	Outreach program on communicative english	2	2
Preparation of domestic product	TIDISSIA	Workshop	1	200

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 and Dr.A.Idhayadulla	Characterization	1095
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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
0	0	0	Nill	Nill	0
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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
Nehru Memorial College, Puthanampatti	Nill	Training on Employability Traits	150
Chemistry Department NMC	Nill	Workshop on preparation Domestic products	140
No file uploaded.			

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
14000000	12842356

4.1.2 – Details of augmentation in infrastructure facilities during the year

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

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 patially)	Version	Year of automation
KOHA	Fully	4.8	2017

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	41619	12165059	575	246350	42194	12411409
Reference Books	4642	1984388	101	43474	4743	2027862
Journals	70	239258	30	105188	100	344446

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	BASIC VECTOR ALGEBRA	Connecttutor.com	10/06/2019

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)

<div align="center">51 MBPS/ GBPS</div>

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 incurredon maintenance of physical facilites
2000000	1634165	12000000	11208191

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)

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 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.

https://www.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	Tamilnadu State Government SC/ST/MBC/BC/HESS/BCM Welfare Department Scheme	1836	14702458
Financial Support			

from Other Sources			
a) National	Harrish and Menuk Scholar, AVS Scholar, Scholarship, Sports Scholarship, Sitaram Jindal Foundation	238	1120147
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 implemetation	Number of students enrolled	Agencies involved
INAUGURATION OF SOFT SKILLS TRAINING PROGRAMME	13/08/2019	80	Placement Cell, NMC
SEMINAR ON "MACHINE LEARNING"	28/08/2019	120	Department of Computer Science

[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 passedin the comp. exam	Number of studentsp placed
2019	Soft Square Solutions, Chennai	27	27	5	5
2020	Michaels Academy of C ommunicative English	128	128	40	40

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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		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed

| Soft Square Solutions, Chennai | 27 | 5 | Nill | 0 | 0 |

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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	1	B.SC	BOTANY	NEHRU MEMORIAL COLLEGE, PUT HANAMPATTI	M.SC BOTANY
2019	1	B.Sc	Computer Science	"NEHRU MEMORIAL COLLEGE, PUT HANAMPATTI"	M.SC., DATA SCIENCE
2019	1	BA	ENGLISH	"NEHRU MEMORIAL COLLEGE, PUT HANAMPATTI"	MA ENGLISH
2019	1	BA	TAMIL	"NEHRU MEMORIAL COLLEGE, PUT HANAMPATTI"	MA TAMIL
2019	1	BBA	MANAGEMENT	"NEHRU MEMORIAL COLLEGE, PUT HANAMPATTI"	MBA
2019	1	B.COM CA	COMPUTER APPLICATION	"NEHRU MEMORIAL COLLEGE, PUT HANAMPATTI"	MBA
2019	1	B.Sc	PHYSICS	Kongu Educational Instituion , Salem	B.Ed.,
2019	1	B.Sc	ZOOLOGY	Bharathidasan University, Trichy	M.Sc.,

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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
Any Other	2

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

Activity	Level	Number of Participants
Sports Day	INSTITUTION LEVEL	236
Freshers day department of commerce	INSTITUTION LEVEL	150
THINK QUEST 19	INSTITUTION LEVEL	100
RAMFEST Competition	INSTITUTION LEVEL	60
Inter Collegiate Competition	INSTITUTION LEVEL	30
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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	Third price	National	1	Nill	Nill	S.Ramakr ishanan
2019	Third price	National	1	Nill	Nill	M.Priya
2019	Football	National	1	Nill	Nill	R.Sivadh arshna
2019	Chess	National	1	Nill	Nill	R.Sivadh arshna
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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)

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 student is trained to know the importance and values of democracy along with its functioning and this exposure enables the students to become the leaders of our nation. Student's representatives are elected class-wise and the elected representatives elect the Students' Council 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 Fresher's 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 trained to shape their leadership qualities and managerial skills. The meeting of the students council is convened 2 to 3 times in a semester to discuss and pass resolutions on the following: ? Student – centric issues come across by the students. ? Infrastructure facilities. ? Conducting Sports day, ? College day, ? Literary association meeting. ? Conducting cultural events. ? Celebration of festivals like Pongal. In case of literary association, the secretary and other office bearers arrange meetings periodically in Tamil and English literature with the eminent scholars from various parts of Tamil Nadu. The student representatives also play a very vital

role by their representation in various forums such as: Board of Studies, Academic Council, Anti ragging committee, Students' grievance cell, Placement cell etc., They are also equally involved in planning NSS activities on the campus and off the campus, Rotaract services, Youth Red Cross, Red Ribbon Club, NCC and Gender Club.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of registered Alumni:

1137

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

1183419

5.4.4 – Meetings/activities organized by Alumni Association :

3

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 utilized 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 institutions.
Human Resource Management	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.
Library, ICT and Physical Infrastructure / Instrumentation	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 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 l 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 retotaling 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-governace 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
2019	Dr. M. Umadevi	National	NA	1000
2019	Dr.M.Ramesh	International	NA	2000
2019	Dr. A. Idhayadhulla	International	NA	2000
2019	Dr. R. Surendrakumar	International	NA	2000
2019	Dr.M.Muralidharan	International	NA	2000
2019	Dr.A.Prabu	National	NA	1000
2019	Dr. V. Saavithri	International	NA	2000
2019	Dr.V.Kaleeswari	National	NA	2000
2019	Dr.K.Karunakaran	National	NA	2000
2019	Dr.A.Venkatesan	National	NA	2000

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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	Title of the administrative training programme organised for	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)

	teaching staff	non-teaching staff				
2020	E-content training-cum-production	NIL	10/03/2020	11/03/2020	175	Nill
2020	Fire Safety Awareness Programme	Yes	18/02/2020	18/02/2020	Nill	50
2019	Machine learning techniques	NIL	30/08/2019	31/08/2019	21	Nill
2019	Mobile application developed	NIL	10/06/2019	11/06/2019	23	Nill
2019	Effective English Language Teaching	NIL	14/11/2019	14/11/2019	20	Nill
[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
E-content training-cum-production	175	10/03/2020	11/03/2020	2
Effective English Language Teaching	20	14/11/2019	14/11/2019	1
NSS Orientation Course	1	17/07/2019	23/07/2019	7
Short Term Course in MOOCs E-Content Open Educational Resources	1	07/01/2020	13/01/2020	7
UGC Sponsored Refresher Course in Life Science (Interdisciplinary)	1	16/07/2019	27/07/2019	12
Refresher Course in Tamil Language and	1	01/08/2019	14/08/2019	14

Literature				
UGC-Sponsored Refresher Course	1	09/12/2020	22/12/2020	14

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
1	0	0	0

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
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.	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.	Insurance

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
K.Subramaniyan (CEO) Royal Tech SystemsNo.8, Old No.19, 2nd Floor, 2nd Cross Street, Kalaimagal Nagar Ekkatuthangal, Chennai-600032 Ph:044-42669886	50000	DONATION

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6.4.3 – Total corpus fund generated

0

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	Nill	No	Nill

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-friend • 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 effetely 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 OBE Participated in NIRF Online admission and fee collection Establishment of Digital library Establishment of E- Content media centre Establishment of separate Research block and Central Instrumentation facility

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	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
2019	Effective English Language Teaching	14/11/2019	14/11/2019	14/11/2019	20
2019	Mobile application developed	10/06/2019	10/06/2019	11/06/2019	23
2019	Machine learning techniques	30/08/2019	30/08/2019	31/08/2019	21
2020	Fire Safety Awareness Programme	18/02/2020	18/02/2020	18/02/2020	50
2020	E-content training-cum-production	10/03/2020	10/03/2020	11/03/2020	175
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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
Guest Lecture on Gender Studies	10/07/2019	10/07/2019	750	110
An Orientation Programme on Gender studies	22/07/2019	22/07/2019	750	110
Lecture on "Women Studies"	05/09/2019	05/09/2019	1090	110
General awareness programme on "Basic Women's Rights"	01/10/2019	01/10/2019	1090	110
Online Community awareness programme on "Myth in monthlies and history behind"	23/06/2020	23/06/2020	160	25
Online Community awareness programme on "Indian Women and PCODs"	23/06/2020	23/06/2020	160	25
Online Community awareness programme on "Breast Cancer and Cervical Cancer"	23/06/2020	23/06/2020	160	25
Medical camp - 2020	26/02/2020	26/02/2020	575	175

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
Totally 1400 Solar panels are installed with the capacity of 300 KV on the college and hostel roof. Daily power production is about 1500 units. It is more than the daily power consumption (day time). The entire campus is marching towards "Zero Energy" in future.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	0

Provision for lift	Yes	0
Ramp/Rails	Yes	0
Scribes for examination	Yes	0

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	1	1	21/06/2019	1	International Yoga Day	Importance of Yoga	840

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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
Teachers Day	05/09/2019	05/09/2019	3913

Yoga Day	21/06/2019	21/06/2019	330
Republic day	26/01/2020	26/01/2020	350
Independence day	15/08/2019	15/08/2019	210
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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. MENTOR - MENTTEE 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
https://www.nmc.ac.in/iqac/iqac-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, broadbased 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 strategies. 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
https://www.nmc.ac.in/iqac/aqar/Distinctiveness%207.3.1.pdf

8.Future Plans of Actions for Next Academic Year

Plan of Action for the Academic year 2020-2021 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. 9. Submission of IIQA. 10. Awareness program on Covid-19. 11. Offering new value added courses.