



SELF STUDY REPORT

FOR

2nd CYCLE OF ACCREDITATION

NEHRU MEMORIAL COLLEGE

NEHRU MEMORIAL COLLEGE (AUTONOMOUS) PUTHANAMPATTI

621007

www.nmc.ac.in

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

June 2021

1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Nehru Memorial College (Autonomous), Puthanampatti was established in 1967. Being situated in a serene atmosphere on the backdrop of Pachamalai hills in the Eastern Ghats, the college provides a conducive environment for the learners to pursue higher education. The great philanthropist and visionary Late Thiru. Mokka Pillai had conceived a noble idea of spreading quality education to the children of peasants, the downtrodden and the poor section of the rural society and this idea was implemented as early as 1967 in the form of 'Nehru Memorial College.' Imparting quality higher education to the rural learners for more than five decades. The college is situated in a remote rural village called Puthanampatti. The college was declared open by Honourable Shri. C.N. Annadurai, M.A., the then Chief Minister of Tamilnadu on 29th June 1967. The college is affiliated to Bharathidasan University, Tiruchirappalli, and was recognized under section 2 (f) and 12(B) by the University Grants Commission, New Delhi in 1969. In appreciation of the societal concern and innovative practices adopted in a rural ambience, the college was granted autonomous status in 2004 by the University Grants Commission. The National Assessment and Accreditation Council assessed and accredited the college at "A" Grade level in 2013. The college was awarded DST-FIST scheme college as a whole at level '0'. Acclaimed as a premier institution for higher learning, the college offers 15 UG programmes, 14 PG programmes, and 11 Research programmes to students.

Vision

For Knowledge, Justice and Peace

Mission

- To impart the right kind of knowledge among the rural students with the aid of computers and other equipment,
- To ensure social justice for the rural people through various academic and non-academic activities viz., cultural and Literary competitions, NSS, NCC, YRC, Gender Club etc.
- To stabilize inner peace in the minds of the young learners through meditation and Yoga practice in order to ensure peace among the rural people.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

- Supportive, cordial, and visionary management
- Highly qualified, motivated, and committed faculty
- Strong support and acceptance from the neighbourhood, alumnae and parent teachers association
- Good infrastructure facility

- Consistent good academic performance
- Conducive Ambience for quality research
- Reader-friendly library with good collection of books and journals
- Automation of examination activities
- Eco-friendly campus

Institutional Weakness

- Geographical disadvantages to attract other state and foreign students.
- Majority of our students are first generation learners.
- Very limited scope for academia-industry interaction
- Lack of consultancy services.
- Difficult to retain the students after regular working hours since they hail from remote villages.

Institutional Opportunity

- Opportunities for experiential, experimental and participatory learning
- Sound Policies that nurture research, development and innovation
- Research and academic interaction through MoUs
- Incubation services for startups
- Scope for interdisciplinary and sponsored projects
- Exposure through International seminars, workshops and conferences
- Support and guidance from the well placed alumnae
- Organizing attractive job fairs
- Student participation in socially relevant extension activities

Institutional Challenge

- Majority of the students are the first generation learners whose entry level low motivation clings onto them for an extended period of time
- Lack of financial support from funding agencies for additional academic activities
- Keeping pace with global developments and technological advancements
- Difficulty in getting good internship opportunities
- Building stronger alumnae network across the world
- Attracting prospective employers to the campus who could organize recruitment drives

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

The college implements the autonomy system in the real spirit by envisaging new approaches in designing the curriculum by taking into account socio-economic and science & technological advancements. The Academic Dean takes effort with all the activities related to curriculum design, development, updation and implementation. The curriculum development policies are structured as per the guidelines of UGC, TANSCH

and other agencies. The curriculum of every academic programme offered in the college is drafted and recommended by 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 following are key features of the curricular aspects.

- Outcome Based Education (OBE) was introduced in 2019-2020 in order to promote learner-centric approach, innovative thinking, develop analytical and problem- solving skills and e-learning .
- Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) are in line with local, regional, national and global needs and the same has been sensitized among the students.
- The college offers 51 programmes (15 UG, 14 PG, 11 M.Phil, 11 Ph.D)
- 861 courses have been offered in 51 programmes.
- 767 Courses offered focus on Skill Development, Entrepreneurship and Employability.
- The Syllabus has been revised in 100% Programme.
- 14 new programmes and 255 new courses have been introduced for the past five years.
- CBCS pattern is being adopted from the academic year 2005-2006 to facilitate the students to choose their choice of study.
- 773 number of Cross cutting issues courses in the curriculum instil societal concern through Value Education and Human Rights, Environmental Studies and Gender Studies,
- 54 numbers of value added courses are offered and 1477 number of students are benefited from all these courses.
- 23.49% of students have undertaken projects/internships during the academic year 2019-2020.
- The curriculum also ensures holistic development by enrolling students in NSS/ NCC/YRC/ Rotaract/departmental outreach activities/sports.
- IQAC receives feedback on curriculum through a well-structured feedback system from all the stakeholders.

Teaching-learning and Evaluation

- The college has a well – structured admission system monitored by a separate committee called Admission Committee and strictly follows the reservation policies of the Government of Tamil Nadu.
- The institution assesses the students’ knowledge at the time of admission and conducts appropriate bridge courses for rectification. The staff members offer academic and personal counseling to the students and devise appropriate strategies for slow and advanced learners.
- The teacher-student ratio is 1:21
- The institution provides special care for the differently abled students by reservation in the admission and providing physical facilities and scribe.
- Each and every department has a Departmental Association to bring out the hidden potential of their wards. The association conducts seminars, quizzes and academic competitions regularly.
- The focus of the Institution is to provide an ICT enabled student-centric method of teaching learning process. Many classrooms are equipped with LCD projectors to enable the ICT facilities.
- The institution has a mentoring system which helps in the informal transmission of knowledge between the students and the teaching community. The mentor mentee ratio is 1:21.
- The college has a well-planned and detailed series of events in the name of Academic Calendar. . The calendar is provided to all the students and teachers to know the annual activities of the institution in advance.

- The college has 190 teachers, of whom 52 teachers are in grant-in-aid stream and the remaining are in the self-financing stream. Among the 190 faculty members, 84 are Ph.D. holders.
- The average teaching experience of the full-time teachers is 12.18 years.
- The performance of the students is assessed through the Continuous Internal Assessment system prescribed by the Academic Council. Besides this, the college conducts end-semester examinations.
- The semester results are usually published within 25 days after the Semester Examinations.
- IT-integration in examination includes computer-based exams, marks entry, publication of results and seating allotment through developed software.
- The pass percentages during the assessment period are 80.74
- Attainment of course outcomes are evaluated both directly and indirectly, on the basis of parameters defined by the College, necessary actions taken thereupon, to reinforce the advantages of outcome based education.

Research, Innovations and Extension

To improve research activities, the Dean of Research has been nominated who coordinates all the research related activities. Ten of the fourteen departments are recognized research centres. The college has instituted research policies related to Research and Consultancy, Code of Ethics and has a functional Ethics Committee to address the grievances of the researchers. The following are accomplishments in research, innovation and extension activities during the accreditation period:

- 15 Research projects were sanctioned by UGC, DST, DST-SERB, ICAR, TNSCST for approximately Rs.256.1 lakhs.
- Seed money of Rs. 4.0 lakhs was provided by the Management leading to 15 Projects, benefitting around 35 staff.
- 40 faculty are Ph.D Research guides. 84 students had registered for Ph.D and 53 were awarded.
- 314 articles published in Scopus, Web of Science & UGC Care Listed Journals. Journals
- The College is moving in the path of innovation and has developed its own software and Mobile application with the involvement of the faculty and students for Library and Office purposes.
- The college has generated 9.32 lakhs through consultancy and corporate training. The college pursues its social responsibilities by training the farmers on making bio-fertilizers (Vermicompost) thereby transforming into organic farming.
- There are 11 active MoUs with the industry and institutions to ensure outcome based results
- The college has conducted 104 number of extension activities on societal and environmental issues, through Co-curricular forums along with government and non-governmental organizations.
- The college has reached out to the rural village people by performing 104 number of activities for ensuring sustainable livelihood. Neighbouring Government school students have also benefited by using the college infrastructure for their academic empowerment.
- The college undertakes various extension activities under the aegis of NSS, NCC, YRC, Gender Club, Red Ribbon Club and Rotract. These units organize various programmes such as Tree Plantation Programmes, Blood Donation Camps, Village adoption Programmes, Tobacco and Plastic free campaigns. Sports activities are yet another top priority of the college, which are effectively and excellently monitored by the Department of Physical Education.

Infrastructure and Learning Resources

- The college campus is spread over 42.02 acres of land.
- The College has multi-storey buildings housing 118 spacious classrooms and 12 laboratories. All the laboratories are equipped with state of art modern equipment. The college has an exclusive computer centre with 633 terminals. The office of the Controller of Examinations functions separately in a well furnished wing.
- The institution has a separate three storey Library building with 46937 volumes of books 3096 national, and international reputed/peer reviewed journals. The KOHA and DSPACE software is integrated with Library Management systems. A digital library is established with 20 terminals. OPAC facility is available to access digital library stock.
- 1000 online resources uploaded in our LMS (Connectutor), Digimat Flipped Classroom are available.
- Research block is established with 29 rooms for research advisors, 2 seminar halls and a Central Instrumentation facility to accommodate all high end research equipment.
- 5 specialised research labs namely nonlinear circuit lab, advanced material science lab, alternating computing lab, Centre for Eco-Friendly Agro – Technologies, Centre for Environment and Natural Drug Research are established to pursue specialised research.
- The college has two air-conditioned seminar halls. 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.
- The institution has established a Reverse Osmosis (RO) plant for the supply of purified drinking water for all the Students and Staff.
- As regards power supply, the college has 300 Kilowatt solar power along with 165 KVA backup generators.
- Three outdoor grounds are to pursue all kinds of athletic events and sports. One gymnasium is established for the physical fitness of staff and students.
- A day care centre is established to look after the wards of our staff.
- All the academic and administrative blocks are connected with more than 50 Mbps Internet speed facility. All the staff rooms are provided with computer and Internet facilities.
- The institution has its own health centre.

Student Support and Progression

- The college endeavors for continual student progression by providing a safe, inclusive, gender equal, and supportive campus environment.
- College has assisted 55 % students for financial support from Governmental and Non-Governmental agencies, to pursue higher education
- Capacity and Career Enhancing Activities through placement cell and department activities create awareness on career opportunities and Entrepreneurship For the past five years 1089 students got placement.
- 50 programmes were organized to enrich students' soft skill, language, technical and life skills to meet Industrial requirements
- College has an effective Grievance Redressal Mechanism for students to represent their grievances through Student council, staff, HoDs, Suggestion Boxes, E-mails and Committee members. Grievances are addressed through appropriate measures including counseling and corrective actions to resolve the problems
- Students participated in 55 sports and cultural events at International, National and State levels and are encouraged through ample supportive facilities

- College organised 33 sports and cultural events/competitions.
- Student Council members are elected through a democratic process to represent the student community and are involved in Academic and Administrative bodies, which in turn enhances their Decision making, Leadership and Managerial skills .
- Literary Association and other department clubs/forums exclusively managed by students provide opportunities to organize events to sharpen talents, pursue passion and enhance leadership potential
- Students with special needs are supported with Academic and Infrastructural facilities such as scribe, ramp, and lift.
- Alumni spread across the globe contribute immensely through College/Departmental Alumni Association for Institutional welfare through financial (Scholarship, Sponsorship and Infrastructure Augmentation) and non-financial assistance (Guest lecture, Motivation, Career guidance, Internships, Workshops & Academic reforms as a Member of BoS; and Academic Council).

Governance, Leadership and Management

- The governance of the college is aligned with the vision and mission of the institution. The college has statutory and non-statutory committees to ensure proper management of academic, financial and general administrative affairs. The system of policy evolution is structured into a hierarchy, starting with the College Committee, Governing Body, Academic Council, Boards of Studies, College Council, IQAC, Groups of Deans, and Heads of Department. Representatives of industry and society are associated at almost all levels of decision making and policy evolution. Teachers are part of effective management of college affairs including strategic planning for growth and development, academic process, research activities, career progression and capacity building of staff, student progression and collaborations (industry, international). Policies, rules, procedures and schemes related to recruitment, promotion, service, research, travel, and Grievance Redressal Mechanism are in place.
- The college is practicing participative management and decentralization over the years. Academic and cocurricular activities are supported by Deans of various functional areas including academic affairs, research and consultancy, placement and training, and alumni relations.
- The college with customized MIS has effectively implemented e-governance in areas of examination, admission, attendance and finance section
- Students also participate in decision making process through IQAC, feedback mechanism, students' council and other bodies
- The college administration shows a keen interest in promoting the well-being of teaching and non-teaching staff, through various measures such as group insurance, medical checkup, interest-free festival advance, maternity benefits and so on The college upgrades the intellectual capabilities of faculty and provides unstinted financial support to attend workshops, FDPs and conference.
- The college strategizes to mobilize resources from Government, alumni and other sources and efficiently utilizes these funds. An effective audit system in place for conformance and compliance of financial transactions
- IQAC acts as a catalyst by framing policies, developing plans and quality in academic and administrative initiatives in pursuit of achieving the Mission and Vision of the college. It builds a strong rapport with all stakeholders through an effective feedback system, periodic audits and enrichment of programmes to sustain and upgrade the quality.

Institutional Values and Best Practices

- Inclusive development is the watchword of the college. The college is gender sensitive and provides a safe and conducive environment for students and employees. Students with disabilities are also given equal opportunities. The college also endures Gender Equity in the campus through curricular, co-curricular and sensitisation programmes.
- Green, Energy and Environment audits are conducted. The college follows Green campus initiatives and maintains a clean and green landscape. 1200 Solar Photovoltaic panels with capacity of 300 kW installed on-premises meet 70% of electrical energy requirement of the College
- Effective Waste Management system ensures proper collection, segregation, handling and disposal of biodegradable and non-biodegradable waste Biodegradable solids are converted into compost, whereas non-biodegradable waste is recycled through vendors. Incinerators are provided to ensure safe disposal of sanitary waste. Treated water from the Sewage Treatment Plant is used for irrigation purposes. Ground-water level in the campus is augmented by constructing 2 rain water harvesting pits and two well recharge pits
- National days of importance are observed and religious festivals are celebrated with great fervor and enthusiasm to kindle the spirit of National Integration College adheres to code of conduct set for students, faculty members and administrative staff and monitors through appropriate committees
- To ensure Inclusiveness, College is equipped to meet the adequate facilities for differently-abled persons. Through appropriate forums, tolerance and harmony are ensured towards cultural, regional and socio-economic diversities.
- Annual external academic audit makes the college growth steady in all spheres. In particular, introduction of OBE, in the curriculum, e-content development, connect tutor, R&D block, 15 number of research projects, DST-FIST scheme, Deans in the college are some achievements in exercising the Annual academic audit and its consequences.
- Mentoring is one of the key aspects of student support and best practice in higher education. It is an essential feature to render equitable service to all the students having heterogeneous backgrounds. Faculty members are expected to advise undergraduates and post-graduates.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	NEHRU MEMORIAL COLLEGE
Address	Nehru Memorial College (Autonomous) Puthanampatti
City	Tiruchirappalli
State	Tamil Nadu
Pin	621007
Website	www.nmc.ac.in

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	A. R. Ponperiasamy	04327-234228	9486165596	04327-234811	naac@nmc.ac.in
IQAC / CIQA coordinator	A. Venkatesan	04327-234227	9443008804	04327-234613	av.phys@gmail.com

Status of the Institution	
Institution Status	Private , Grant-in-aid and Self Financing

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minority institution	No

Establishment Details	
Date of Establishment, Prior to the Grant of 'Autonomy'	18-06-1967

Date of grant of 'Autonomy' to the College by UGC		07-10-2004		
University to which the college is affiliated				
State	University name	Document		
Tamil Nadu	Bharathidasan University	View Document		
Details of UGC recognition				
Under Section	Date	View Document		
2f of UGC	20-11-1969	View Document		
12B of UGC	17-05-1986	View Document		
Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)				
Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
No contents				

Recognitions	
Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the College recognized for its performance by any other governmental agency?	Yes
If yes, name of the agency	DST FIST Sponsored College
Date of recognition	14-05-2019

Location and Area of Campus				
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	Nehru Memorial College (Autonomous) Puthanampatti	Rural	42.02	170060.6

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BA,Economics	36	PLUS TWO	English	58	43
UG	BCom,Commerce	36	PLUS TWO	English	58	49
UG	BSc,Computer Science	36	PLUS TWO	English	55	49
UG	BSc,Chemistry	36	PLUS TWO	English	44	39
UG	BSc,Mathematics	36	PLUS TWO	English	44	38
UG	BSc,Physics	36	PLUS TWO	English	44	40
UG	BSc,Zoology	36	PLUS TWO	English	55	50
UG	BA,English Self Financed	36	PLUS TWO	English	180	57
UG	BA,Tamil Self Financed	36	PLUS TWO	Tamil	60	60
UG	BCom,Commerce Self Financed	36	PLUS TWO	English	150	148
UG	BBA,Commerce Self Financed	36	PLUS TWO	English	60	20
UG	BCom,Commerce Self Financed	36	PLUS TWO	English	120	54
UG	BSc,Botany Self Financed	36	PLUS TWO	English	70	28
UG	BSc,Chemist	36	PLUS TWO	English	80	53

	ry Self Financed					
UG	BSc,Computer Science Self Financed	36	PLUS TWO	English	60	25
UG	BCA,Compu ter Science Self Financed	36	PLUS TWO	English	120	50
UG	BSc,Comput er Science Self Financed	36	PLUS TWO	English	200	116
UG	BSc,Mathem atics Self Financed	36	PLUS TWO	English	160	31
UG	BSc,Physics Self Financed	36	PLUS TWO	English	120	55
UG	BSc,Zoology Self Financed	36	PLUS TWO	English	40	12
UG	BSc,Hotel Management And Catering Science Self Financed	36	PLUS TWO	English	80	29
PG	MSc,Physics	24	BSC PHYSICS	English	14	13
PG	MA,English Self Financed	24	BA ENGLISH	English	35	11
PG	MA,Econom ics Self Financed	24	BA ECONO MICS	English	35	4
PG	MA,Tamil Self Financed	24	BA TAMIL	Tamil	35	15

PG	MCom,Commerce Self Financed	24	BCOM COMMERCIAL	English	60	13
PG	MSc,Botany Self Financed	24	BSC BOTANY	English	25	11
PG	MSc,Chemistry Self Financed	24	BSC CHEMISTRY	English	25	25
PG	MSc,Computer Science Self Financed	24	BSC COMPUTER SCIENCE	English	80	39
PG	MSc,Computer Science Self Financed	24	BSC COMPUTER SCIENCE BSC DATA SCIENCE	English	40	1
PG	MSc,Mathematics Self Financed	24	BSC MATHEMATICS	English	75	23
PG	MSc,Physics Self Financed	24	BSC PHYSICS BSC COMPUTER SCIENCE	English	25	0
PG	MSc,Physics Self Financed	24	BSC PHYSICS	English	40	25
PG	MSc,Zoology Self Financed	24	BSC ZOOLOGY	English	40	6
Doctoral (Ph.D)	PhD or DPhil,English Self Financed	36	MA ENGLISH MPHIL ENGLISH	English	6	0
Doctoral (Ph.D)	PhD or DPhil,Economics Self Financed	36	MA ECONOMICS MPHIL ECONOMICS	English	14	0

Doctoral (Ph.D)	PhD or DPhil, Tamil Self Financed	36	MA TAMIL MPHIL TAMIL	Tamil	14	0
Doctoral (Ph.D)	PhD or DPhil, Commerce Self Financed	36	MCOM COMMERC E MPHIL COMMERC E	English	8	0
Doctoral (Ph.D)	PhD or DPhil, Botany Self Financed	36	MSC BIOTE CHNOLOG Y MPHIL BI OTECHNO LOGY	English	4	0
Doctoral (Ph.D)	PhD or DPhil, Botany Self Financed	36	MSC BOTANY MPHIL BOTANY	English	6	0
Doctoral (Ph.D)	PhD or DPhil, Chemistry Self Financed	36	MSC CHEMISTR Y MPHIL CHEMISTR Y	English	28	0
Doctoral (Ph.D)	PhD or DPhil, Computer Science Self Financed	36	MSC COMPUTE R SCIENCE MPHIL COMPUTE R SCIENCE	English	18	0
Doctoral (Ph.D)	PhD or DPhil, Mathematics Self Financed	36	MSC MATH EMATICS MPHIL MA THEMATIC S	English	12	0
Doctoral (Ph.D)	PhD or DPhil, Physics Self Financed	36	MSC PHYSICS MPHIL PHYSICS	English	34	0
Doctoral (Ph.D)	PhD or DPhil, Zoology Self Financed	36	MSC ZOOLOGY MPHIL ZOOLOGY	English	22	1

Pre Doctoral (M.Phil)	MPhil,English Self Financed	12	MA ENGLISH	English	21	0
Pre Doctoral (M.Phil)	MPhil,Economics Self Financed	12	MA ECONOMICS	English	12	0
Pre Doctoral (M.Phil)	MPhil,Tamil Self Financed	12	MA TAMIL	Tamil	27	0
Pre Doctoral (M.Phil)	MPhil,Commerce Self Financed	12	MCOM COMMERCE	English	18	0
Pre Doctoral (M.Phil)	MPhil,Botany Self Financed	12	MSC BIOTECHNOLOGY	English	3	0
Pre Doctoral (M.Phil)	MPhil,Botany Self Financed	12	MSC BOTANY	English	3	0
Pre Doctoral (M.Phil)	MPhil,Chemistry Self Financed	12	MSC CHEMISTRY	English	21	0
Pre Doctoral (M.Phil)	MPhil,Computer Science Self Financed	12	MSC COMPUTER SCIENCE	English	30	0
Pre Doctoral (M.Phil)	MPhil,Mathematics Self Financed	12	MSC MATHEMATICS	English	12	0
Pre Doctoral (M.Phil)	MPhil,Physics Self Financed	12	MSC PHYSICS	English	36	0
Pre Doctoral (M.Phil)	MPhil,Zoology Self Financed	12	MSC ZOOLOGY	English	21	0

Position Details of Faculty & Staff in the College

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	0				21				32			
Recruited	0	0	0	0	16	5	0	21	14	17	0	31
Yet to Recruit	0				0				1			
Sanctioned by the Management/Society or Other Authorized Bodies	0				0				138			
Recruited	0	0	0	0	0	0	0	0	62	76	0	138
Yet to Recruit	0				0				0			

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				28
Recruited	25	2	0	27
Yet to Recruit				1
Sanctioned by the Management/Society or Other Authorized Bodies				36
Recruited	22	14	0	36
Yet to Recruit				0

Technical Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				1
Recruited	1	0	0	1
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				1
Recruited	1	0	0	1
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	13	4	0	35	36	0	88
M.Phil.	0	0	0	3	1	0	36	57	0	97
PG	0	0	0	0	0	0	3	2	0	5

Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0

Details of Visting/Guest Faculties					
Number of Visiting/Guest Faculty engaged with the college?	Male		Female		Total
	0	0	0	0	0

Provide the Following Details of Students Enrolled in the College During the Current Academic Year

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	422	0	0	0	422
	Female	624	0	0	0	624
	Others	0	0	0	0	0
PG	Male	73	0	0	0	73
	Female	154	0	0	0	154
	Others	0	0	0	0	0
Doctoral (Ph.D)	Male	1	0	0	0	1
	Female	0	0	0	0	0
	Others	0	0	0	0	0
Pre Doctoral (M.Phil)	Male	0	0	0	0	0
	Female	0	0	0	0	0
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years

Programme		Year 1	Year 2	Year 3	Year 4
SC	Male	106	112	116	144
	Female	180	275	263	244
	Others	0	0	0	0
ST	Male	13	10	21	11
	Female	82	8	34	18
	Others	0	0	0	0
OBC	Male	311	399	332	332
	Female	642	668	577	506
	Others	0	0	0	0
General	Male	14	12	12	8
	Female	23	17	11	10
	Others	0	0	0	0
Others	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
Total		1371	1501	1366	1273

2.3 EVALUATIVE REPORT OF THE DEPARTMENTS

Department Name	Upload Report
Botany Self Financed	View Document
Chemistry	View Document
Chemistry Self Financed	View Document
Commerce	View Document
Commerce Self Financed	View Document
Computer Science	View Document
Computer Science Self Financed	View Document
Economics	View Document
Economics Self Financed	View Document
English Self Financed	View Document
Hotel Management And Catering Science Self Financed	View Document
Mathematics	View Document
Mathematics Self Financed	View Document
Physics	View Document
Physics Self Financed	View Document
Tamil Self Financed	View Document
Zoology	View Document
Zoology Self Financed	View Document

Extended Profile

1 Program

1.1

Number of programs offered year-wise for last five years

2019-20	2018-19	2017-18	2016-17	2015-16
51	51	41	38	38

File Description	Document
Institutional data in prescribed format	View Document

1.2

Number of departments offering academic programmes

Response: 11

2 Students

2.1

Number of students year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
3913	4272	3932	3771	3877

File Description	Document
Institutional data in prescribed format	View Document

2.2

Number of outgoing / final year students year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
1063	939	853	899	0810

File Description	Document
Institutional data in prescribed format	View Document

2.3

Number of students appeared in the examination conducted by the Institution, year-wise during the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
3525	3706	3679	3589	3595
File Description		Document		
Institutional data in prescribed format		View Document		

2.4

Number of revaluation applications year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
15	14	33	29	34

3 Teachers

3.1

Number of courses in all programs year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
854	854	749	699	699
File Description		Document		
Institutional data in prescribed format		View Document		

3.2

Number of full time teachers year-wise during the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
188	188	182	180	179
File Description		Document		
Institutional data in prescribed format		View Document		

3.3

Number of sanctioned posts year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
191	190	184	182	181
File Description		Document		
Institutional data in prescribed format		View Document		

4 Institution

4.1

Number of eligible applications received for admissions to all the programs year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
1663	1703	2493	2164	1909
File Description		Document		
Institutional data in prescribed format		View Document		

4.2

Number of seats earmarked for reserved category as per GOI/State Govt rule year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
988	990	895	850	0743
File Description		Document		
Institutional data in prescribed format		View Document		

4.3

Total number of classrooms and seminar halls

Response: 99

4.4

Total number of computers in the campus for academic purpose

Response: 590

4.5

Total Expenditure excluding salary year-wise during last five years (INR in Lakhs)

2019-20	2018-19	2017-18	2016-17	2015-16
627.80	430.83	341.45	307.296	342.776

NAAC

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curriculum Design and Development

1.1.1 Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which is reflected in Programme outcomes (POs), Programme Specific Outcomes(PSOs) and Course Outcomes(COs) of the Programmes offered by the Institution.

Response:

Nehru Memorial College (Autonomous) Puthanampatti, is a 53 years old College, situated in a remote rural hamlet in Tiruchirappalli District, Tamil Nadu which provides quality education to the students of socially and economically weaker sections of the society. Significantly above 80% of the students happen to be the first generation learners. The autonomy conferred to our college right from 2004 was taken in the right perspective and it propelled us to invoke innovative approaches in designing the curriculum by taking into account the socio-economic background of the local community and the scientific technological advancements happening around the world. The college offers 15 Under Graduate programmes, 14 Post Graduate programmes and 11 Research programmes in Sciences, Humanities, Social Sciences and Commerce. Even before the autonomy was conferred upon the institution, the college had taken a very challenging initiative to introduce Computer Science in undergraduate programmes in 1983 as the pioneering Arts and Science College in the state which revolutionized the employability of thousands of poor students hailing from the rural villages. The college has also started offering M.Sc., in Instrumentation as early as in 1983, M.Sc. Embedded systems since 2013 and Data Science from 2017. So the college is one of the remarkable institutions in India to innovate and introduce relevant local, national and global need-based curriculum for more than three decades.

After having been granted autonomy from 2004 the college established Statutory Committees like the Board of Studies and Academic Council which served as a platform for giving representation to all the stakeholders as members. The Institution adhered to the standards prescribed by the UGC and the affiliating University while taking the liberty to frame a curriculum that is suitable to cater to the local and global needs. The college has been adopting the Choice Based Credit System (CBCS). The curriculum is designed in tune with the vision and mission statements of the College and offered with flexibility for the learners to choose from a variety of course options like: 1) Major Based Elective Courses 2) Non-Major Elective Courses and 3) Skill Based Courses. The syllabi are periodically restructured/modified taking into account the recent trends and developments in the higher education scenario. Courses like Value Education, Environmental Studies, Soft – Skill and Gender Studies are mandatory for all the UG programmes which help them to have a broad outlook in real life and mould their character. The curricula developed for all the programmes include well-defined learning objectives, program outcomes, program-specific outcomes, and course outcomes which help the students to understand the objectives of the programme that they study and to face the challenges at the local, national, and international level. All the UG and PG programmes pertaining to Science with practical sessions have experiment oriented learning. More than 50% of the courses focus on the practical, field and work experience for the overall development of the students. Practical sessions in the laboratory, industrial visit, fieldwork and project work have been included as part of the curriculum.

File Description	Document
Link for Additional Information	View Document

1.1.2 Percentage of Programmes where syllabus revision was carried out during the last five years.

Response: 78.43

1.1.2.1 Number of all Programmes offered by the institution during the last five years.

Response: 51

1.1.2.2 How many Programmes were revised out of total number of Programmes offered during the last five years

Response: 40

File Description	Document
Minutes of relevant Academic Council/BOS meeting	View Document
Details of program syllabus revision in last 5 years(Data Template)	View Document
Any additional information	View Document
Link for Additional Information	View Document

1.1.3 Average percentage of courses having focus on employability/ entrepreneurship/ skill development offered by the institution during the last five years

Response: 92.02

1.1.3.1 Number of courses having focus on employability/ entrepreneurship/ skill development year-wise during the last five years..

2019-20	2018-19	2017-18	2016-17	2015-16
767	767	695	656	0656

File Description	Document
Programme / Curriculum/ Syllabus of the courses	View Document
MoU's with relevant organizations for these courses, if any	View Document
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View Document
Average percentage of courses having focus on employability/ entrepreneurship(Data Template)	View Document
Any additional information	View Document
Link for Additional Information	View Document

1.2 Academic Flexibility

<p>1.2.1 Percentage of new courses introduced of the total number of courses across all programs offered during the last five years.</p> <p>Response: 29.62</p>	
<p>1.2.1.1 How many new courses are introduced within the last five years</p> <p>Response: 255</p>	
<p>1.2.1.2 Number of courses offered by the institution across all programmes during the last five years.</p> <p>Response: 861</p>	
File Description	Document
Minutes of relevant Academic Council/BOS meetings	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document
Link for Additional Information	View Document
<p>1.2.2 Percentage of Programmes in which Choice Based Credit System (CBCS) / elective course system has been implemented (Data for the latest completed academic year).</p> <p>Response: 100</p>	
<p>1.2.2.1 Number of Programmes in which CBCS / Elective course system implemented.</p> <p>Response: 51</p>	

File Description	Document
Minutes of relevant Academic Council/BOS meetings	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document
Link for Additional Information	View Document

1.3 Curriculum Enrichment

1.3.1 Institution integrates crosscutting issues relevant to Professional Ethics ,Gender, Human Values ,Environment and Sustainability into the Curriculum

Response:

Education does not depend on any Degree or Certificate but it is the one which inculcates different traits of human beings in terms of attitude, action, language and behaviour with their fellow beings in real life. In order to inculcate the aforesaid qualities in the minds of young students of the Institution the College has devised a composite curriculum which touches on each and every one of the aforesaid issues like Gender Issues, Environment and Sustainability, Human Values and Professional Ethics. The following courses are offered to all the UG students. Value Education, Environmental Studies, Gender Studies, Soft Skills and Professional Ethics have been included in selected programmes. Sufficient number of Seminars and Workshops have been organized by inviting experts from the related topics. Value Education teaches the human values in life along with a focus on our culture and tradition. Environmental studies creates awareness among the students on the environment, the threats such as pollution, climate change, global warming, deforestation etc., and it also sensitizes the students to preserve nature. It also creates awareness among the students about energy conservation, use of solar power etc., in their day to day life.

The course on Gender studies inculcates in the young minds on gender equity, dignity, and the respect and recognition to be given to the women. The course on Soft skills helps the students to enhance their interpersonal relationship with others and in the decision making process in real life. Substantial importance is given in the curriculum to impart business and professional ethics among the students through courses such as Entrepreneurial Development, Stress Management, Business Environment, Retail Marketing, Agricultural Marketing, Business Law, Company Law, Capital Market, etc., of the programme concerned. The curriculum is designed in such a way that the student learns not only the subject concerned but also learns necessary life skills.

File Description	Document
Upload the list and description of the courses which address the Gender, Environment and Sustainability, Human Values and Professional Ethics into the Curriculum	View Document
Any additional information	View Document
Link for Additional Information	View Document

1.3.2 Number of value-added courses for imparting transferable and life skills offered during last five years.

Response: 36

1.3.2.1 How many new value-added courses are added within the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
01	2	1	5	27

File Description	Document
List of value added courses (Data Template)	View Document
Brochure or any other document relating to value added courses	View Document
Link for Additional Information	View Document

1.3.3 Average Percentage of students enrolled in the courses under 1.3.2 above.

Response: 7.55

1.3.3.1 Number of students enrolled in subject related Certificate or Add-on programs year wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
180	209	153	379	0556

File Description	Document
List of students enrolled	View Document
Link for Additional Information	View Document

1.3.4 Percentage of students undertaking field projects/ internships / student projects (Data for the latest completed academic year)	
Response: 26.09	
1.3.4.1 Number of students undertaking field projects / internships / student projects	
Response: 1021	
File Description	Document
List of programs and number of students undertaking field projects / internships / student projects (Data Template)	View Document
Link for Additional Information	View Document

1.4 Feedback System

1.4.1 Structured feedback for design and review of syllabus – semester-wise / year-wise is received from 1) Students, 2) Teachers, 3) Employers, 4) Alumni	
Response: A. All 4 of the above	
File Description	Document
Action taken report of the Institution on feedback report as minuted by the Governing Council, Syndicate, Board of Management	View Document
URL for stakeholder feedback report	View Document

1.4.2 The feedback system of the Institution comprises of the following :	
Response: A. Feedback collected, analysed and action taken and report made available on website	
File Description	Document
Any additional information	View Document
URL for stakeholder feedback report	View Document

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Average Enrolment percentage (Average of last five years)

Response: 59.99

2.1.1.1 Number of students admitted year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
1273	1364	1501	1371	1282

2.1.1.2 Number of sanctioned seats year wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
2570	2570	2295	2169	1865

File Description

Document

Institutional data in prescribed format (Data Template)

[View Document](#)

Link for Additional Information

[View Document](#)

2.1.2 Average percentage of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy) during the last five years (exclusive of supernumerary seats)

Response: 99.83

2.1.2.1 Number of actual students admitted from the reserved categories year wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
990	990	895	850	735

File Description

Document

Institutional data in prescribed format

[View Document](#)

Link for Additional Information

[View Document](#)

2.2 Catering to Student Diversity

2.2.1 The institution assesses the learning levels of the students and organises special Programmes for advanced learners and slow learners

Response:

After admission, the students have to undergo a one- day Induction Program (Freshers' Programme) where they are given an overall view about the curricular, co-curricular, and extra-curricular courses offered. Thereafter, they are continually assessed in their knowledge gathering and skill update through the respective course teachers by means of interaction in the class and by devising appropriate learning methodology. During the course of time the slow learners and advanced learners are identified.

Strategies Adopted for Slow learners

- Members of the faculty are available in the Department for providing counseling, guidance, and coaching to the slow learners.
- Regular classroom monitoring, remedial coaching, personal care, continuous evaluation, discussion are some of the strategies adopted for the slow learners in all the departments.
- Unit-wise tests and slip tests are conducted regularly apart from their CIA tests in order to improve their performance.
- The slow learners are trained by way of home tests, assignments, and revisions made by the previous year question papers.
- Parents Meeting is conducted after the completion of every semester examination.
- Mentor-Mentee meeting is conducted regularly to assess student performance.

Strategies Adopted for advanced learners:

- Mini project, Experimentation, Fieldwork / Survey Reports, Case study analysis, summer internship, Industrial training, and online courses are the options available for the advanced learners.
- Students are encouraged to take part in Paper Presentation in National Seminars/Conferences, Debugging, Problem Solving, and Poster Presentation conducted through Department Association activities and other institutions.
- Preparation for Off-campus paper presentation and intercollegiate symposium.
- Soft Skill training sessions cater to the needs of advanced learners by improving their skills thereby making them well equipped and prepared for the technical communication for industrial requirements.
- Value-added courses and Add-on courses provide opportunities to develop interdisciplinary skills and earn extra credits.
- Special coaching classes are offered to qualify for the UGC NET/ SET exams.
- The students are identified with their capability and suitable training in advanced courses are given to them.

File Description	Document
Link for Additional Information	View Document

2.2.2 Student - Full time teacher ratio (Data for the latest completed academic year)

Response: 20.81

File Description	Document
Link for Additional Information	View Document

2.3 Teaching- Learning Process

2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Response:

The college gives importance to experiential and participatory learning to enhance the learning abilities and involvement of students. The experiential and participatory learning pedagogy are done as an integral part of the curriculum in all the programmes of the college.

Experiential Learning

Experiential Learning promotes learning with experience among students through Laboratory Demonstration Classes, Practical Experiments, online learning, Internships & In-plant Training. Students gain enriched experience from the aforesaid programmes via hands-on learning and gain in-depth insights and acquire practical skills. Internships or projects are made mandatory for all the PG programs in which the students have to identify an industry or academic institution in their discipline and are supposed to undergo professional training and gain experience in the nuances, techniques, methodologies, practices and professional ethics in their domain. Alumni play a significant role in extending a helping hand towards the support of their juniors in facilitating information on various job opportunities, in-plant placements, and student support.

In particular, the students gain their experiential learning in the following ways: Lab practicum Learning, Virtual specimens, Model Building, E-learning, Various types of group work, Project-based learning, Report Writing based on group projects, Hands-on Training Invitation, Certificate - Creation & Designing for seminars and interdepartmental competitions is done by students, Internships/Project works are integrated into the course structure of both UG and PG programmes, Field Visits, Educational Tours.

Participatory learning

The objective of participatory learning is promoted through the participation of students in national and international conferences/seminars. This aspect encourages students to actively participate in workshops and also present quality research papers. Participatory learning among students is also facilitated through components including group discussions, Quiz, group seminars, online discussion forums, and group

projects. This enables the students to acquire and hone both experiential and participatory learning skills. In particular, Group Discussions, Seminars, and Assignments, Self-Directed Learning for self-study portions/courses, Demonstration of models, Webinars/Argumentation, PowerPoint Presentations, Field survey, Debate, Quiz, Guest Lectures – Academicians, Industry Experts, Alumnae.

Organizing Competitions College Magazine organize by various clubs to facilitate the creative and academic pursuits, collaborative learning, team spirit, and organization skills of the students individually and collectively.

Participation in any one of the following extra-curricular activities: NCC/ NSS/ Games/ YRC/ RRC.

The Learning Management System (LMS) – It enhances student’s learning by providing the course curriculum, timetable, reading materials, etc. Students can also access their timetable, attendance, result, etc. on their portal. Digital library facility for competitive examination is made available.

Problem solving approach

Problem solving approach is incorporated in the Science, Commerce, and Management Programmes. Some of the courses offered include Mathematical Physics, Optimization Techniques, Numerical Techniques, Quantitative Techniques, Stock-market Data Analysis, Applied Mathematics, Applied Sciences, and Programming Courses. Assignments are also given to test the problem solving ability of the students.

The institution carefully integrates participatory, experiential, and problem solving methodologies to complement the learning experiences of the diverse students who are slow and advanced, to adapt themselves to the pedagogy.

File Description	Document
Link for Additional Information	View Document

2.3.2 Teachers use ICT enabled tools including online resources for effective teaching and learning process.

Response:

Use of Information and Communication Technology (ICT) has provided both students and faculty members with more opportunities in adapting learning, teaching and managing the individual needs. The students who are continuously exposed to technology through education have better knowledge, presentation skills, innovative capabilities, and are ready to make more efforts for learning as compared to their counterparts.

The college has developed two smart classrooms, forty-three ICT enabled classrooms, four ICT enabled laboratories and a media centre with recording facilities. Teachers are now regularly scheduling classes in these rooms to teach in a virtual environment. Apart from these facilities all departments have Internet

connectivity, LCD Projectors and audio/visual system. The complete campus has been made Wi-Fi enabled. All stakeholders including students, faculties, and non-teaching staff are now using the Wi-Fi facility from anywhere in the campus. The College has campus wide LAN infrastructures (Switching Devices) to improve the availability, stability, speed and overall performance of the LAN and internet facilities. The college has a 50 MBPS internet connectivity and for security and safety of the campus wide LAN setup the gateway lab is equipped with high end Router, firewall, etc.

Teaching is further enhanced by the use of the media centre which helps in the enhancement of learning resources including pre-recorded lectures. Use of online resources for the teaching/learning process allows personalized learning at one's own place and pace without constraints of time and space. Online teaching skills of the faculty members have been enhanced through Faculty Development Programmes and workshops with hands-on training.

The Learning Management System using connector portals has been in operation since 2018. Due to the recent situation caused by Covid 19 pandemic, teaching-learning process has increasingly been through online/virtual platforms, such as Zoom, Google Meet and Google Classroom, facilitating anytime/anywhere learning.

Faculty members post class notes, presentations, e-content modules and online subject links which can be downloaded by the students through DIGIMAT - The Flipped Classroom, Google classrooms as well as connector. Components of the Continuous Internal Assessment such as assignments, quizzes, case studies, etc., are evaluated online.

Lectures, seminars, conferences, workshops, webinars, etc., are conducted online

Faculty members continuously update their knowledge to improve the teaching learning process, through online courses on MOOC platforms like Coursera and Edx, NPTEL and Swayam.

About 50 faculty members have participated in the training programmes on E-content development organized by our college. About 180 faculty members have been trained to use online teaching platforms in particular Google class room and our own LMS connector, so as to enable the staff to effectively utilize these platforms to deliver the courses efficiently.

Around 500 e-content modules have been created by faculty members so far and are made available on the connector, Google classroom and Zoom platforms have been used for the conduct of the project viva-voce examinations.

In terms of infrastructure, the College has continually expanded its infrastructure facilities both physical and digital, to excel at stakeholder's expectation and provide a conducive and vibrant environment for holistic development and progress.

File Description	Document
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	View Document
Link for Additional Information	View Document

2.3.3 Ratio of students to mentor for academic and other related issues (Data for the latest completed academic year)

Response: 21:1

2.3.3.1 Number of mentors

Response: 190

File Description	Document
Upload year wise, number of students enrolled and full time teachers on roll	View Document
Circulars pertaining to assigning mentors to mentees	View Document
Any additional information	View Document
Link for additional information	View Document

2.3.4 Preparation and adherence of Academic Calendar and Teaching plans by the institution

Response:

The College takes utmost care in planning and organizing the academic activities of the college. Towards the closure of every academic year, the calendar for the forthcoming academic year is planned and drafted in consultation with all the Head of the Departments and other key stakeholders. Then the academic calendar after finalization is uploaded on the college website and the same in a printed format is distributed among the faculty members and the students. The prescribed number of working days as envisaged by UGC and State Government are followed scrupulously. All the faculty members draft their teaching plans based on the said working days as mentioned in the calendar. The faculty members adhere to the teaching plan drafted on the various courses to be handled. Every course is expected to have a detailed plan on the schedule of assignments, class tests, and other academic components. The Head of each department ensures that the lesson plan of the course is strictly followed.

Many departments make use of the academic calendar and the respective teaching plan, call for assignments, discussion forums, tests, and other activities pertaining to the academic activities. Annual plans for every department and for the college are developed at the beginning of the academic year. The annual planning focuses on the holistic development of all students in various areas which include physical, intellectual, psychological, spiritual, social, and cultural development. The department calendar including the association activities is prepared accordingly. The annual plan of the department consists of

the academic schedule including the special programmes like invited talks, seminars and conferences organized by the department. The Department calendar is methodically planned well ahead of time and carried out systematically. Towards the end of every semester, the HoD of every department in consultation with the faculty members finalizes the workload of the department. After the workload is approved by the Principal, the timetable of the department is drafted and circulated among the staff members. In case of any request by the staff members, the changes are accommodated in the timetable to the maximum possible extent. The department workload and the timetable in its final version are submitted to the Vice Principal who coordinates and finalizes the timetable of the college.

Thus, all the academic activities of the college are planned well in advance and published in the college calendar and website. The common events are finalized by the Principal in consultation with the HoDs, utmost care is taken to ensure and follow the schedule mentioned in the academic calendar in true spirit.

File Description	Document
Upload Academic Calendar and Teaching plans for five years	View Document
Link for Additional Information	View Document

2.4 Teacher Profile and Quality

2.4.1 Average percentage of full time teachers against sanctioned posts during the last five years

Response: 98.82

File Description	Document
Year wise full time teachers and sanctioned posts for 5 years(Data Template)	View Document
List of the faculty members authenticated by the Head of HEI	View Document
Link for Additional Information	View Document

2.4.2 Average percentage of full time teachers with Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. during the last five years (consider only highest degree for count)

Response: 38.08

2.4.2.1 Number of full time teachers with *Ph.D./D.M/M.Ch./D.N.B Superspeciality/D.Sc./D’Lit.* year wise during the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
84	76	69	62	59

File Description	Document
Institutional data in prescribed format (Data Template)	View Document
Link for Additional Information	View Document

2.4.3 Average teaching experience of full time teachers in the same institution (Data for the latest completed academic year in number of years)

Response: 12.21

2.4.3.1 Total experience of full-time teachers

Response: 2295.00

File Description	Document
Institutional data in prescribed format	View Document
Link for Additional Information	View Document

2.5 Evaluation Process and Reforms

2.5.1 Average number of days from the date of last semester-end/ year- end examination till the declaration of results year-wise during the last five years

Response: 26.4

2.5.1.1 Number of days from the date of last semester-end/ year- end examination till the declaration of results year wise during the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
19	25	30	30	28

File Description	Document
Institutional data in prescribed format (Data Template)	View Document
Link for Additional Information	View Document

2.5.2 Average percentage of student complaints/grievances about evaluation against total number

appeared in the examinations during the last five years

Response: 0.56

2.5.2.1 Number of complaints/grievances about evaluation year wise during the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
1	4	33	29	34

File Description	Document
Number of complaints and total number of students appeared year wise	View Document
Link for Additional Information	View Document

2.5.3 IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in Examination Management System (EMS) of the Institution

Response:

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 provided with the guidelines for evaluation and assessment patterns.
- Revised rules and regulations are placed in the Academic Council Meeting and implemented after its approval.
- Assessment is based on CIA and Semester Examination with weightage of 25% for CIA and 75% for semester examination.
- All theory question papers for semester examinations will be set by the 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 the 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 the weightage credit point system will be given to each student.

Supplementary Examination

- Students with arrear/absence in odd semesters (November) are eligible to appear for Semester Examination only during the ensuing odd semester and the same is followed for the even semester.
- Instant supplementary examinations will be held in June every year so as to enable the students to 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.
- Photocopies of answer sheets are made available on request after declaration of results for clarifications.
- Provision of retotalling and revaluation are available after the declaration of results.

Examination IT Incorporation

- Online submission of Examination Applications
- Exam time table through college Web-site.
- Hall tickets generation with the photograph along with regular and arrear courses/papers list.
- Examination Results dissemination is done through 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 criteria covering Test/ Practicum for Laboratory Courses, Assignments, Quizzes/ Seminars/ Classroom 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, role plays, simulations, exhibition of group dynamics, etc.

Positive Impacts

- Skill assessment along with knowledge assessment.
- Outcome-based assessment patterns are followed.
- Exam days reduced; result declaration quickened.
- Greater transparency is practiced with the principle of natural justice to examinees ensured.
- Marks/Grades reflect the aptitude of the learners reflected through the learning outcomes exhibited.
- Professional competencies of the students are improved.

The automation makes the Office of the COE publish the result as quick as possible

File Description	Document
Link for Additional Information	View Document

2.6 Student Performance and Learning Outcomes

2.6.1 Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

Response:

All the programmes of the college are clearly augmented with the

Programme Outcomes - which is developed on the basis of the core and prime objectives of the institution to mould the graduates.

Programme Specific Outcomes – are rooted to describe the skills that the graduates will possess after undergoing each programme

Course Outcomes – The objectives of each course in all the Undergraduate/Postgraduate/Research Programmes are duly drafted and presented in the detailed curriculum structure.

The Board of Studies (BoS) of each department meets in consultation with all the Stakeholders (Teaching Faculty, Subject Experts, Industrial Experts, Alumni, Parents and Student Representatives) and carefully formulates the programme specific objectives and course objectives adhering to the norms of an autonomous institution. The BoS takes utmost care to finalize the programme specific outcomes of each programme of the department which clearly spells out the outcomes of the programmes. The BoS also looks into the course objectives of each course and verifies if the course outcomes are met at the end of the program. The Academic Council (AC) of the College is constituted with the Principal as the Chairperson, one teaching staff as its Member Secretary, the University Nominees, and Subject Experts, all the HoDs, Teacher representatives and Industrial Representatives members. The Academic Council exercises its powers carefully to scrutinize and finalize the Programme Objectives, Programme Specific Objectives and Course Objectives of all the programmes in the college.

Mechanism of Communication

- The POs and PSOs are displayed in the college website for reference of all the stakeholders.
- The formulated POs, PSOs and COs are communicated to the students by the course teacher in the classrooms during theory and practical sessions.

The COs are also displayed in the website as well as communicated to the students through prescribed books which are distributed to the students at the time of joining the programme.

File Description	Document
Upload COs for all courses (exemplars from Glossary)	View Document
Link for Additional Information	View Document

2.6.2 Attainment of programme outcomes and course outcomes are evaluated by the institution.

Response:

The Program Outcomes of the college consist of elements for shaping graduates who are intellectually proficient, socially responsible, professionally ethical and communicatively expressive.

The following points are taken into account while measuring the learning outcomes:

- The Learning outcomes are measurable and stated using action verbs (Bloom's taxonomy). They are expressed as complete declarative sentences that clearly describe the knowledge, skills, and competencies that the students are expected to acquire as a result of completing their programme of study.
- The resources (faculty, library, labs, technology etc) and pedagogy to be adopted for effective course delivery and student learning are determined in consonance with the learning outcomes to be achieved.
- The outcomes are assessed and measured to identify the extent to which goals are accomplished. The gaps identified after the analysis are addressed through a proper action plan.
- The outcomes assessment plan also specifies the performance targets/criteria (measurable objectives) that are used by the domain to determine the extent to which the programme learning outcomes are being achieved.
- The assessment of student learning outcomes is done by using direct and indirect measurement tools.

CO's Assessment process

CO attainment level is set for the program and courses based on the continuous internal assessment and semester end examinations. Attainment of a CO in a course is set as 25% from Continuous Internal Assessment (Inclusive of assignments) and 75% Semester Examinations

The CO attainment is measured using the following rules:

- High --- students score 60% of marks and above
- Medium --- students score 50% of marks and above but below 60%
- Low --- students score less than 50% of marks

Program Outcomes and Program Specific Outcomes Assessment Process

- PO and PSO Assessment Tools: Assessment tools are categorized into direct and indirect methods to assess the program outcomes.
- Direct methods represent the students' knowledge and skills from their performance in the

continuous assessment tests, semester examinations, and classroom assignments etc.

Assignment / Quiz / Class Test

- The assignment, quiz, and class test are the qualitative performance assessment tools designed to assess students' knowledge and their analytical capabilities.

Group Discussion/ Brainstorming

- This is used to assess a student's ability to communicate with others.

CIA and SE

- CIA and Semester Examination are the methods for assessing whether all the POs are attained or not. Examination is more focused on attainment of course outcomes and program outcomes.

Laboratory practical

- This is mainly to assess student's practical knowledge with their designing capabilities.
- Indirect methods include surveys from the stakeholders to reflect on student's learning.

Course Evaluation

- At the end of every semester, students give feedback for the course taught to them. In this feedback survey students tell how effective the course was in order to achieve POs. As we have started working with PO, PSO and CO's this year, the attainment of CO's is being carried out. Gradually the attainment of PSO and PO within 2 Yrs(PG Programme) and within 3 Yrs(UG Programme) will be achieved.

File Description	Document
Any additional information	View Document

2.6.3 Pass Percentage of students(Data for the latest completed academic year)

Response: 80.74

2.6.3.1 Total number of final year students who passed the examination conducted by Institution.

Response: 1052

2.6.3.2 Total number of final year students who appeared for the examination conducted by the Institution.

Response: 1303

File Description	Document
Upload List of Programmes and number of students passed and appeared in the final year examination(Data Template)	View Document
Link for the annual report	View Document

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process	
Response: 3.79	
File Description	Document
Upload database of all currently enrolled students	View Document

Criterion 3 - Research, Innovations and Extension

3.1 Promotion of Research and Facilities

3.1.1 The institution Research facilities are frequently updated and there is well defined policy for promotion of research which is uploaded on the institutional website and implemented

Response:

RESEARCH DEVELOPMENT AND CONSULTANCY POLICIES OF NEHRU MEMORIAL COLLEGE

Vision

Excellence in Science, Arts and Humanities.

Mission

To achieve quality excellence in generation, transmission and development of new knowledge in Science, Arts and Humanities through quality Teaching, Research, Training, Consultancy and Outreach programmes.

Objectives

- Create and promote research culture among the faculty and research Scholars.
- Facilitate the faculty to undertake research and with financial assistance from the College management such as seed money, incentives etc.
- Establish Research Centers for various disciplines/programmes
- Develop and implement an official code of ethics to check malpractices/ and plagiarism in research.
- Ensure publications in quality journals, indexed in Scopus and Web of Science.
- Develop mechanisms to undertake consultancy activities and extension services.
- Encourage the faculty to undertake research in collaboration with other research organizations and industry.
- Organize workshops, training programmes, sensitization programmes, Intellectual Property Rights (IPR) to promote the research culture in campus.
- Organize workshops on motivating the staff to know the avenues in the industries as a consultant. Establish the Industry – Institution linkages.
- Facilitate to utilize the expertise and knowledge of faculty in the form of consultancy services.

Composition of Research Development and Consultancy Cell (RDC)

RDC Cell shall be constituted to achieve and monitor the above-said objectives. The composition of such cell shall be as follows:

- Principal – Chairperson
- Dean of Research – Member Secretary
- Dean of Academic Affairs - Member
- IQAC Coordinator - Member

- Associate Dean of Research – Member
- Three Research Advisers –Members
- One Research / Industry representative – Member
- Two Research Scholars – Members

The members will be nominated by Governing Body.

File Description	Document
Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View Document
URL of Policy document on promotion of research uploaded on website	View Document

3.1.2 The institution provides seed money to its teachers for research (average per year, INR in Lakhs)

Response: 0

3.1.2.1 The amount of seed money provided by institution to its faculty year-wise during the last five years (INR in lakhs).

2019-20	2018-19	2017-18	2016-17	2015-16
0	0	0	0	0

File Description	Document
Minutes of the relevant bodies of the Institution	View Document
List of teachers receiving grant and details of grant received	View Document
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View Document

3.1.3 Percentage of teachers awarded national / international fellowship for advanced studies/research during the last five years

Response: 1.64

3.1.3.1 The number of teachers awarded national / international fellowship for advanced studies /

research year wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
5	0	7	2	1

File Description	Document
List of teachers and their international fellowship details	View Document
e-copies of the award letters of the teachers	View Document

3.2 Resource Mobilization for Research

3.2.1 Grants received from Government and non-governmental agencies for research projects, endowments, Chairs in the institution during the last five years (INR in Lakhs)

Response: 240.95

3.2.1.1 Total Grants from Government and non-governmental agencies for research projects , endowments, Chairs in the institution during the last five years (INR in Lakhs)

2019-20	2018-19	2017-18	2016-17	2015-16
46.25	132.5	15.4	22.5	24.3

File Description	Document
List of project and grant details	View Document
e-copies of the grant award letters for research projects sponsored by government and non-government	View Document

3.2.2 Percentage of teachers having research projects during the last five years

Response: 1.64

3.2.2.1 Number of teachers having research projects during the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
1	3	3	3	5

File Description	Document
Names of teachers having research projects	View Document
Link for additional information	View Document

3.2.3 Percentage of teachers recognised as research guides

Response: 21.28

3.2.3.1 Number of teachers recognized as research guides

Response: 40

File Description	Document
Upload copies of the letter of the university recognizing faculty as research guides	View Document
Link for additional information	View Document

3.2.4 Average percentage of departments having Research projects funded by government and non-government agencies during the last five years

Response: 38.36

3.2.4.1 Number of departments having Research projects funded by government and non-government agencies during the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
1	3	3	3	5

3.2.4.2 Number of departments offering academic programmes

2019-20	2018-19	2017-18	2016-17	2015-16
10	10	8	7	7

File Description	Document
Supporting document from Funding Agency	View Document
List of research projects and funding details	View Document
Paste link to funding agency website	View Document

3.3 Innovation Ecosystem

3.3.1 Institution has created an eco system for innovations, creation and transfer of knowledge supported by dedicated centers for research, entrepreneurship, community orientation, Incubation etc.

Response:

Nehru Memorial College has effectively capitalized the serene and rural environment along with a large number of students residing on the campus and it has set up a conducive atmosphere with sufficient infrastructure to inculcate knowledge acquisition, creativity among the faculty members and students. As a result the institution has witnessed a lot of productivity in terms of research, extension and knowledge dissemination. The out come of dedicated effort made by the faculty members and students are listed below:

Research Outcome:

After first accreditation the institution expanded its research wing in almost all the departments and now 11 departments are recognized as Centres for Research by the university. The quality of research carried out is evident from the papers published in the reputed journals and grants received by the faculty members. As a jewel in the crown the College has received a grant 110 Lakhs from DST under FIST for augmenting research activities.

Lab to Land Technology:

The college has identified the necessity of translating the ideas generated from the lab to the actual place where the public can use the technology for improving their livelihood.

The Post Graduate and Research Department of Zoology established a Vermicompost Production Unit in the campus. The students and public are trained in the production process and also started creating awareness among the public.

The bio waste from the hostel kitchens are used to generate 20m³ of gobar gas. Thus generated biogas is used as fuel for cooking in the women’s hostel.

Over 3000 resident students and staff use water (~50000 litres/day) for different purposes like drinking, washing and bathing. The used water or wastewater from hostels is treated and then utilized to irrigate 40 acres of citrus fruit orchard. This method has created a culture of wastewater utilization to irrigate farms and increase the income of agriculturalists in the nearby villages.

Renewable Energy Sources Generation:

Taking cue from the energy crisis in India and the government recommending renewable energy sources, the college has planned for a solar park to generate power.

In the remotest corner of Tamil Nadu, Nehru Memorial College at Puthanampatti has installed 310 Kwh rooftop solar park and produced 1500 w electricity per day. This has created a chain of solar energy cultivation techniques in the nearby areas.

Earn While you Learn:

The college has effectively practised the lab to land technology and the Post Graduate and Research Department of Computer Science took cue on Business Process Outsourcing and made the students to practice it. As a result the students start part time jobs and earn money through it. Having a win-win situation from both ends, the HOV Services Ltd (an MNC) has established a center for BPO at the campus itself and provided job opportunities for more than 500 rural people. The decisive step made by the institution has transformed the rural economy where most of the women in the rural segment have got employment in this BPO.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

3.3.2 Number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development during the last five years.

Response: 40

3.3.2.1 Total number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development year-wise during the last five years.

2019-20	2018-19	2017-18	2016-17	2015-16
14	5	9	8	4

File Description	Document
Report of the event	View Document
List of workshops/seminars during last 5 years	View Document

3.4 Research Publications and Awards

3.4.1 The Institution ensures implementation of its stated Code of Ethics for research through the following: 1. Inclusion of research ethics in the research methodology course work 2. Presence of Ethics committee 3. Plagiarism check through software 4. Research Advisory Committee

Response: B. 3 of the above

File Description	Document
Link for additional information	View Document

3.4.2 Number of Ph.D's registered per teacher (as per the data given w.r.t recognized Ph.D guides/supervisors provided at 3.2.3 metric) during the last five years

Response: 1.4

3.4.2.1 How many Ph.Ds are registered within last 5 years

Response: 56

3.4.2.2 Number of teachers recognized as guides during the last five years

Response: 40

File Description	Document
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc	View Document
URL to the research page on HEI web site	View Document

3.4.3 Number of research papers per teachers in the Journals notified on UGC website during the last five years

Response: 1.19

3.4.3.1 Number of research papers in the Journals notified on UGC website during the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
86	35	33	28	37

File Description	Document
List of research papers by title, author, department, name and year of publication	View Document

3.4.4 Number of books and chapters in edited volumes / books published per teacher during the last

five years

Response: 0.51

3.4.4.1 Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
16	21	13	24	20

File Description	Document
List books and chapters in edited volumes / books published	View Document
Any additional information	View Document

3.4.5 Bibliometrics of the publications during the last five years based on average citation index in Scopus/ Web of Science or PubMed

Response: 5.86

File Description	Document
Bibliometrics of the publications during the last five years	View Document
Any additional information	View Document

3.4.6 Bibliometrics of the publications during the last five years based on Scopus/ Web of Science - h-index of the Institution

Response: 13.5

File Description	Document
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View Document
Any additional information	View Document

3.5 Consultancy

3.5.1 Revenue generated from consultancy and corporate training during the last five years (INR in Lakhs).

Response: 9.32

3.5.1.1 Total amount generated from consultancy and corporate training year-wise during the last five years (INR in lakhs).

2019-20	2018-19	2017-18	2016-17	2015-16
4.0	2.13	1.33	01.14	0.72

File Description	Document
List of consultants and revenue generated by them	View Document
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View Document

3.5.2 Total amount spent on developing facilities, training teachers and staff for undertaking consultancy during the last five years (INR in Lakhs).

Response: 13.53

3.5.2.1 Total amount spent on developing facilities, training teachers and staff for undertaking consultancy during the last five years (INR in Lakhs)

2019-20	2018-19	2017-18	2016-17	2015-16
2.88	3.37	2.97	2.74	1.57

File Description	Document
List of facilities and staff available for undertaking consultancy	View Document
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	View Document

3.6 Extension Activities

3.6.1 Extension activities are carried out in the neighbourhood community, -sensitising students to social issues, for their holistic development, and impact thereof during the last five years

Response:

One of the strengths of our Institution is that our faculty members and students are actively involved in nation building activities by extending their service to the public. A substantial number of departments carry out their social responsibilities by creating awareness among the public in various domains.

Since physical fitness is of primary importance to the public our college organized following programmes :

- International Yoga day has been celebrated since 2015 every year to create awareness among the people of Puthanampatti and nearby villages. In the year 2011 we invited yoga Guru Baba Ramdev to our College and created mass awareness among people. The asanas taught by him were found to be useful to the public and the students to maintain mental peace and health.
- Creating confidence among young minds of India as envisaged by our former President Dr.APJ.Abdul Kalam the Department of English, the Department of Mathematics and the Department of Computer Science staff along with some selected students visited many government and government aided schools in Puthanampatti, Omandur, Thuraiyur, Valaiyur villages and trained the school children on their respective subjects.
- The students of Economics and Commerce sensitized the public of Puthanampatti, Abinimangalam and Vellakalpatti villages on digital financial literacy, life insurance and social issues such as environment degradation, deforestation, health and sanitation. In this regard, the college organized medical camps, eye camps and blood donation camps in which the people of nearby villages were well benefited. During these camps free health check-ups were done and medicines were given to them at free of cost, patients were taken to Government HQ Hospital, Tiruchirapalli for further and continuous treatment in case of TB and Cancer.
- The volunteers of YRC, RRC and members of Rotaract club were involved in organizing awareness programmes such as Swachh Bharath Abhiyan, HIV and AIDS awareness and the need of toilets for every house. They also took initiatives to get funds for constructions of toilets in houses situated in nearby villages under Individual Household latrine scheme of Government of India. (in liaison with the Secretaries of village panchayats).
- The NCC Cadets of our unit actively involved themselves in Blood donation camps, and organized Health Check-up camps and Eye-screening Camps in the college. The cadets also involved themselves in road safety programmes organized at District HQ by the Police Department/Collectorate in which awareness on traffic rules and road safety are created among the public.
- The college has 5 NSS Units with a total number of 500 volunteers of both boys and girls. Every year the NSS volunteers organize a special residential camp for 7 days in villages nearby and they adopt a few villages for a period of three years. During the 3 years, students regularly visit these villages and monitor the socio-economic conditions, health and sanitary issues, etc., and they also contribute directly and indirectly for the development/betterment of the village people. These residential camps also provide the students a rare chance to move closely with the village people and understand their lifestyle.

File Description	Document
Upload Any additional information	View Document
Paste link for additional information	View Document

3.6.2 Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government recognised bodies during last five years

Response: 95

3.6.2.1 Total number of awards and recognition received for extension activities from Government/ Government recognised bodies year-wise during the last five years.

2019-20	2018-19	2017-18	2016-17	2015-16
6	27	33	27	2

File Description	Document
Number of awards for extension activities in last 5 year	View Document
e-copy of the award letters	View Document

3.6.3 Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., during the last five years (including Government initiated programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. and those organised in collaboration with industry, community and NGOs)

Response: 113

3.6.3.1 Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., year-wise during the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
11	35	27	13	27

File Description	Document
Reports of the event organized	View Document
Number of extension and outreach Programmes conducted with industry, community etc for the last five years	View Document

3.6.4 Average percentage of students participating in extension activities listed at 3.6.3 above during the last five years

Response: 48.14

3.6.4.1 Total number of students participating in extension activities listed at 3.6.3 above year-wise during the last five years.

2019-20	2018-19	2017-18	2016-17	2015-16
4727	1405	1294	0532	1551

File Description	Document
Reports of the event	View Document
Average percentage of students participating in extension activities with Govt or NGO etc	View Document

3.7 Collaboration

3.7.1 Number of Collaborative activities per year for research/ faculty exchange/ student exchange/ internship/ on –the-job training/ project work

Response: 2.2

3.7.1.1 Total number of Collaborative activities per year for research/ faculty exchange/ student exchange/ internship/ on –the-job training/ project work

2019-20	2018-19	2017-18	2016-17	2015-16
2	2	4	2	1

File Description	Document
Number of Collaborative activities for research, faculty etc	View Document
Copies of collaboration	View Document

3.7.2 Number of functional MoUs with institutions of national, international importance, other institutions, industries, corporate houses etc. during the last five years (only functional MoUs with ongoing activities to be considered)

Response: 26

3.7.2.1 Number of functional MoUs with institutions of national, international importance, other Institutions, industries, corporate houses etc. year wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
8	8	7	1	2

File Description	Document
e-copies of the MoUs with institution/ industry/ corporate house	View Document
Details of functional MoUs with institutions of national, international importance, other Institutions etc during the last five years	View Document

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1 The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

Response:

At present there are seven blocks which include the Main Block, Muthiah Block, Swami Vivekananda Block, Er Sujatha Block, Dr Radhakrishnan Block, Chellammal Block and Hotel Management and Catering Science Block. In these seven blocks there are ninety ventilated and comfortable class rooms with adequate furniture and other facilities for reading and learning. Among these class rooms, 40 rooms are provided with ICT facilities for effective learning. There are 10 laboratories with state-of-the-art equipment/instruments for physical science programmes and 4 computer laboratories with 600 computers and LED Projectors. In addition to this, there are well equipped DST/DBT/Fist Sponsored Laboratories for Research and Development.

The students are divided into batches. Time table is prepared in such a way to accommodate all the students in batches to utilize the laboratories.

There are two fully air conditioned Seminar Halls with a seating capacity of 300 and 200 respectively equipped with LCD Projectors, Smartboards, whiteboards with internet connectivity and a state-of-the-art sound system to supplement the Teaching Learning process.

There is a huge Multipurpose Hall (Auditorium) with a seating capacity of 2000 students for conducting cultural programmes and other students related functions such as College day Celebrations, Students' Union Council, Literary Association Activities etc.

A Language Lab has been functioning to develop the communicative skill of the students with a thrust on enriching the LSRW skills in English by Redington through Corporate Social Responsibility. There are eleven systems with 8 headphones and Time Schedules are drawn to accommodate all the students in different batches.

A skill development centre in association with Redington, equipped with LCD projector, white board, audio system and business class furniture has been established functioning to develop the language and employability traits of the students.

The College library is well established with good ventilation and automation and internet facilities for reading and referencing. A total of 50,906 books including text books and reference books are available.

A Digital Library has been functioning with 30 systems and a reprographic facility is also available. Digital repository and D-space are available. A fully featured scalable library management System, "KOHA has been functioning since 2014". The library subscribes to 74 number of journals and magazines of good repute to promote teaching, learning and research.

In Chellammal Block, a separate air conditioned wing for Controller of Examinations (CoE) has been established with a well furnished hall for central valuation.

In commemoration of the Golden Jubilee celebrations, an exclusive Research Block (a three storied building) is built and it has 26 rooms for research supervisors and scholars for discussion and it has got a centralised instrumentation lab with 24 hours service support.

A canteen with modern facilities is also functioning in the ground floor of the newly constructed Research Block.

The Campus has been provided with 20 wi-fi hubs and 50 MBPS speed internet service for the benefit of the students and the staff.

File Description	Document
Paste link for additional information	View Document

4.1.2 The institution has adequate facilities for cultural activities, yoga, games (indoor, outdoor) and sports. (gymnasium, yoga centre, auditorium, etc.)

Response:

The Department of Physical Education of the college aims to develop the students physically, mentally, intellectually, and emotionally well. The institution has adequate infrastructural facilities for sports with sufficient funds in order to fulfill the physical development and wellbeing of the students.

College has an outdoor stadium with a gallery seating capacity of 1500 students. We have a 400 mts Athletic track, football and a cricket ground (140x 100 m) in the stadium. College has gymnasiums (separately for ladies and gents) furnished with necessary gadgets for regular practice by students and staff. We have a musical band troop for performing musical activities during the college functions.

College has a multipurpose auditorium which includes Badminton indoor courts 2 Numbers (13.4x 6.1 m), Tennis court (23.77x 8.23 m) space for Table tennis (3 Boards), Chess, space for Yoga practice (Yoga Hall), and a store for sports equipment.

College has a number of playgrounds on campus.

S. No	Name of the ground/court	Number	Dimension
1.	Volleyball	4	18x9 m
2.	Ball badminton	3	24x12 m
3.	Badminton (Outdoor)	1	13.4x 6.1 m
4.	Kabaddi	4	13x10 m
5.	Kho kho	2	29 x 16 m
6.	Tennis (outdoor)	1	23.77 x 8.23 m
7.	Handball	1	40 x 20 m
8.	Cricket	1	Outdoor stadium
9.	Football	1	Outdoor stadium

Coaching Facilities for sports persons:

The College provides a platform for the students to expose their talents in various cultural events such as music, dance etc. A staff Coordinator is appointed to co-ordinate the cultural events every year. Inter Collegiate Cultural events and interdepartmental competitions are conducted to bring out the students' talents. Special attention /focus is given for the students to perform our folklore arts (Nattupura Kalaigal) such as Karakattam, Poikkal Kuthirai, Mayilattam, etc.,. Pongal Day is celebrated in a grand manner every year with a view to glorifying the Tamil Tradition and culture.

File Description	Document
Geotagged pictures	View Document
Paste link for additional information	View Document

4.1.3 Percentage of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc. (Data for the latest completed academic year)

Response: 45.45

4.1.3.1 Number of classrooms and seminar halls with ICT facilities

Response: 45

File Description	Document
Institutional data in prescribed format	View Document
Paste link for additional information	View Document

4.1.4 Average percentage of expenditure for infrastructure augmentation excluding salary during the last five years (INR in Lakhs)

Response: 11.84

4.1.4.1 Expenditure for infrastructure augmentation, excluding salary year-wise during last five years (INR in lakhs)

2019-20	2018-19	2017-18	2016-17	2015-16
60.05	36.27	41.84	47.97	45.81

File Description	Document
Upload Details of Expenditure , excluding salary during the last five years	View Document
Upload audited utilization statements	View Document
Link for any additional information	View Document

4.2 Library as a Learning Resource

4.2.1 Library is automated using Integrated Library Management System (ILMS)

Response:

Our College Library is well equipped with a sufficient number of Textbooks, Reference Books, Novels, Journals, Newspapers, Magazines, Periodicals, and E-Resources required for the staff and students of various Arts and Science programmes. The Library extends a collective support for teaching, learning, research and extension activities of the college.

A Software called “KOHA” was installed in our college library in 2014. This software is used for:

Data entry - Books, Membership of Staff and Students

Transactions - Issue, Return and Renewal of Books

- Collection of fine Gate entry

- Generation of various reports

A Digital Library has also been established with 30 systems. This Digital Library is equipped with D-SPACE Software, which is very useful to upload and upgrade the various e-resources in terms of Books, Journals and Database.

An OPAC (Online Public Access Catalogue) is provided for the benefit of the staff and the students. This is a personalized web-page which enables the staff and the student to view the details of all the books, journals etc., It also helps the user to check the current status of the resources like reference, circulation, due date and enable him/her to reserve a book which he/she would like to receive from the library. There are two systems exclusively provided for the users to access OPAC. Our library also subscribes to UGC – N List - INFLIBNET and the resources are shared among the faculty, the research scholars and the PG students.

The reading room and reference section are well furnished and provided with a conducive environment for reading. A gate register is maintained for students and staff. They are required to note the time of entry and exit with their signature in the register.

File Description	Document
Upload any additional information	View Document
Paste Link for additional information	View Document

4.2.2 Institution has access to the following: 1. e-journals 2. e-ShodhSindhu 3. Shodhganga Membership 4. e-books 5. Databases 6. Remote access to e-resources

Response: A. Any 4 or more of the above

File Description	Document
Upload any additional information	View Document
Institutional data in prescribed format	View Document
Details of subscriptions like e-journals, e-books , e-ShodhSindhu, Shodhganga Membership etc	View Document

4.2.3 Average annual expenditure for purchase of books/ e-books and subscription to journals/e-journals during the last five years (INR in Lakhs)

Response: 0

4.2.3.1 Annual expenditure of purchase of books/e-books and subscription to journals/e- journals year wise during last five years (INR in Lakhs)

2019-20	2018-19	2017-18	2016-17	2015-16
0	0	0	0	0

File Description	Document
Details of annual expenditure for purchase of and subscription to journals/e-journals during the last five years	View Document
Audited statements of accounts	View Document

4.2.4 Percentage per day usage of library by teachers and students (foot falls and login data for online access) during the last completed academic year

Response: 0.12

4.2.4.1 Number of teachers and students using library per day over last one year

Response: 5	
File Description	Document
Details of library usage by teachers and students	View Document

4.3 IT Infrastructure

4.3.1 Institution has an IT policy covering wi-fi, cyber security, etc., and allocated budget for updating its IT facilities

Response:

Knowing pretty well that Information Technology is the backbone of any institution, it has established a very exhaustive IT infrastructure catering to the needs of the stakeholders. For this purpose a definitive IT policy was framed.

Our College is the pioneer in computer education. B.Sc. Computer Science was introduced in 1983 with two apple computers. Today the college has a total number of 650 personal computers which include dual core, i3 and i5 systems.

Four computer labs, and dedicated browsing centers in college as well as in hostels are available for the use of students. The Computer-Student Ratio of the college is 2: 3 especially for the Computer related courses.

The College has nine research departments and all the departments are provided with a sufficient number of new systems installed with high end computing software for research. In addition to this, separate research labs such as the Center of CEAT, is providing a holistic platform for development in the field of computing. There is a growing need for the internet in knowledge dissemination, information sharing and networking among the students, faculty (research scholars) and administration. Hence, the campus has been provided with wi-fi connectivity/facility with a speed of 50MBPS.

Every building in the campus has been provided with wi-fi facility. All the staff, students and research scholars have 24X 7 access to the internet with due approval of the college administration. .

There are six servers in the college. Among these, one is Linux and the others are Windows 2001 and 2012. An Internet server and a server for databases are also provided with the SHOPS 100 image FIREWALL for internet security.

The college makes use of open source software which includes operating systems. Such as Ubuntu 14, Red-hat, Linux besides proprietary software such as Microsoft base licenses, 70 computers are available in the browsing centers for students in three Hostels and campus. There is a growing demand for Interactive Boards and LCD projectors in the field of teaching and learning. Hence, the administration has provided three Interactive Boards, each one in seminar hall, ICT Hall and Lecture Hall (Room No.5) and 40 classrooms are equipped with LCD projectors for efficient and effective teaching and learning.

The library has been automated with “KOHA Software since 2014” and a Digital Library with 30 systems has been functioning adjacent to the central library.

The CoE wing of the college has been equipped with an automation process since 2013 and has been updating IT facilities with the support of JKK Software Technologies, Trichy.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

4.3.2 Student - Computer ratio (Data for the latest completed academic year)

Response: 6.63

File Description	Document
Student - computer ratio	View Document

4.3.3 Bandwidth of internet connection in the Institution.

Response: 35 MBPS - 50 MBPS

File Description	Document
Details of available bandwidth of internet connection in the Institution	View Document

4.3.4 Institution has the following Facilities for e-content development

1. Media centre
2. Audio visual centre
3. Lecture Capturing System(LCS)
4. Mixing equipments and softwares for editing

Response: B. 3 of the above

File Description	Document
Institutional data in prescribed format	View Document
Link for Additional information	View Document

4.4 Maintenance of Campus Infrastructure

4.4.1 Average percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the last five years

Response: 17.97

4.4.1.1 Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component year wise during the last five years (INR in lakhs)

2019-20	2018-19	2017-18	2016-17	2015-16
90.67	77.56	62.76	64.74	61.58

File Description	Document
Details about assigned budget and expenditure on physical facilities and academic facilities	View Document
Audited statements of accounts	View Document

4.4.2 There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

Response:

The college, with its 53 years of experience has established a systematic approach in maintaining the campus. The Institution has a sprawling 42.02 acres of land housing Buildings, Sports fields and Landscape Gardens. A separate Estate Maintenance Office is established with a Manager and a Site Engineer have been appointed to take care of the maintenance of the infrastructure

In order to maintain the entire computer infrastructure including purchase of systems, UPSes, Printers etc is vested with the Service and Maintenance Center with a team of technical staff headed by a service engineer. The team looks after the hardware, software for general and academic purposes and networking requirements of the entire campus.

Equipment required for the laboratories are discussed in the respective departments and orders are placed through the Principal. In certain cases where costly equipment is to be purchased, a purchase committee with experts from other colleges and universities are consulted before the final decision. The maintenance of equipment (in case of repairs) is done with AMC or other agreements with equipment suppliers and routine maintenance is carried out by the technical staff in the respective departments.

All the books, journals and magazines in the central library are accessed, stamped and then shelved according to Dewey decimal classification. Necessary care is taken for book binding to prevent the damage of books. Gate registers are maintained to monitor the in and out movements of the students, the staff and other visitors. At the end of every academic year damaged books are segregated and sent for repair and rebinding.

The entire infrastructure including sports equipment for sports and physical education is monitored by a team of Physical Director, Assistant Physical Director and other support staff. Existing sports equipment

are periodically serviced/repaired and necessary new equipment are purchased according to the need. Cleaning and maintenance of various courts and grounds are done regularly with staff on contract. A complete set of First – Aid kit is always made available in case of any emergency.

The college has 24 hours HT power supply along with 200 KVA backup generators. Further in 2014, 300KW solar power plant has been installed and the entire campus is marching towards “Zero Energy” in the near future.

To ensure safe and purified drinking water for the students and the staff, a mega Reverse Osmosis plant has been set up on the campus with a capacity to produce 2000 litres per hour.

An effective waste management system has been followed on the campus to dispose/recycle the solid and the liquid waste. A huge plant to recycle 3 lakh litres of waste water is functioning and the recycled water is being used for agriculture. A vermin-compost shed is operated to produce 4 tonnes of vermin-compost per month from the natural/organic waste collected from the entire campus. Adequate dustbin facilities are available in the entire campus indicating very clearly to segregate biodegradable and non-degradable waste. Necessary provision has been made for harvesting the rain water and conserving the groundwater.

File Description	Document
Paste link for additional information	View Document

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1 Average percentage of students benefited by scholarships and freeships provided by the Government during last five years

Response: 53.83

5.1.1.1 Number of students benefited by scholarships and freeships provided by the Government year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
1836	1944	1994	2271	2551

File Description

Document

upload self attested letter with the list of students sanctioned scholarships

[View Document](#)

Institutional data in prescribed format

[View Document](#)

Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years

[View Document](#)

5.1.2 Average percentage of students benefited by scholarships, freeships, etc. provided by the institution and non-government agencies during the last five years

Response: 5

5.1.2.1 Total number of students benefited by scholarships, freeships, etc provided by the institution / non- government agencies year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
238	234	124	216	176

File Description	Document
Upload any additional information	View Document
Number of students benefited by scholarships and freships besides government schemes in last 5 years	View Document
Institutional data in prescribed format	View Document

5.1.3 Following Capacity development and skills enhancement activities are organised for improving students capability 1. Soft skills 2. Language and communication skills 3. Life skills (Yoga, physical fitness, health and hygiene) 4. Awareness of trends in technology

Response: A. All of the above

File Description	Document
Details of capability enhancement and development schemes	View Document
Link to Institutional website	View Document

5.1.4 Average percentage of students benefited by career counseling and guidance for competitive examinations offered by the Institution during the last five years.

Response: 22.79

5.1.4.1 Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
1428	3194	105	0	0

File Description	Document
Number of students benefited by guidance for competitive examinations and career counselling during the last five years	View Document
Any additional information	View Document

5.1.5 The institution adopts the following for redressal of student grievances including sexual harassment and ragging cases 1. Implementation of guidelines of statutory/regulatory bodies 2. Organisation wide awareness and undertakings on policies with zero tolerance 3. Mechanisms for submission of online/offline students' grievances

4. Timely redressal of the grievances through appropriate committees

Response: A. All of the above

File Description	Document
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View Document
Details of student grievances including sexual harassment and ragging cases	View Document

5.2 Student Progression

5.2.1 Average percentage of placement of outgoing students during the last five years

Response: 24.39

5.2.1.1 Number of outgoing students placed year - wise during the last five years.

2019-20	2018-19	2017-18	2016-17	2015-16
111	285	267	225	201

File Description	Document
Upload any additional information	View Document
Details of student placement during the last five years	View Document

5.2.2 Percentage of student progression to higher education (previous graduating batch).

Response: 26.15

5.2.2.1 Number of outgoing student progressing to higher education.

Response: 278

File Description	Document
Upload supporting data for student/alumni	View Document
Details of student progression to higher education	View Document

5.2.3 Average percentage of students qualifying in state/national/ international level examinations

during the last five years (eg: IIT-JAM/CLAT/ NET/SLET/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations, etc.)

Response: 0.48

5.2.3.1 Number of students qualifying in state/ national/ international level examinations (eg: IIT/JAM/ NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations, etc.)) year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
2	5	3	2	1

5.2.3.2 Number of students appearing in state/ national/ international level examinations (eg: IIT/JAM/ NET / SLET/ GATE/ GMAT/CAT,GRE/ TOEFL/ Civil Services/ State government examinations) year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
800	860	656	236	398

File Description	Document
Upload supporting data for student/alumni	View Document
Number of students qualifying in state/ national/ international level examinations during the last five years	View Document

5.3 Student Participation and Activities

5.3.1 Number of awards/medals won by students for outstanding performance in sports/cultural activities at inter-university/state/national / international level (award for a team event should be counted as one) during the last five years.

Response: 57

5.3.1.1 Number of awards/medals won by students for outstanding performance in sports / cultural activities at inter-university / state / national / international events (award for a team event should be counted as one) year - wise during the last five years.

2019-20	2018-19	2017-18	2016-17	2015-16
13	27	8	3	6

File Description	Document
Number of awards/medals for outstanding performance in sports/ cultural activities at inter-university / state / national / international level during the last five years	View Document
e-copies of award letters and certificates	View Document

5.3.2 Presence of an active Student Council & representation of students on academic & administrative bodies/committees of the institution

Response:

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.

File Description	Document
Upload any additional information	View Document
Paste link for Additional Information	View Document

5.3.3 Average number of sports and cultural events / competitions organised by the institution per year

Response: 4

5.3.3.1 Number of sports and cultural events / competitions organised by the institution year - wise during the last five years.

2019-20	2018-19	2017-18	2016-17	2015-16
2	3	5	5	5

File Description	Document
Report of the event	View Document
Number of sports and cultural events / competitions organised per year	View Document

5.4 Alumni Engagement

5.4.1 The Alumni Association / Chapters (registered and functional) contributes significantly to the development of the institution through financial and other support services.

Response:

50 golden years of service rendered by the Institution paved the way to build a banyan tree of alma mater. The grand network of alumni comprising people from different walks of life in the society makes the identity of the Institution more vibrant .

Alumni are the backbone of our college and they play a major role in the growth of their Alma-mater. Many distinguished alumni are working at higher levels in Multinational companies and government sectors. Many have become successful entrepreneurs. Alumni are connected to the college in an enormous way and throughout the year. Alumni are engaged in following ways for the betterment of the Institution:

- Establishment of a strong Alumni Network Institutionwise/Departmentwise globally.
- Organizing meetings of alumni in the campus or in various other locations where the almamater can assemble easily and their experiences are shared
- Making a platform for the alumni to interact with students directly in the campus or through online

- and paving way for the students to get the information.
- Getting Placement Assistance, Financial Assistance to the students
- Helping the department to frame/design the curriculum

Alumni are actively involved in the curricula development by giving their inputs based on practical experience through the representation in the Board of studies at their respective department. Panel discussion on topics such as recent development, job opportunities and requirements, state-of-the-art information help us a lot for updating student's knowledge. Alumni are playing an active role by participating in the Academic Council and Internal Quality Assurance Cell (IQAC) and contribute to the academic endeavour of the college.

Continuous guidance and support have been provided by the alumni to the department students by delivering Guest lectures, handling sessions on different topics such as technical and HR interview preparation, Group discussion etc. Group of Alumni are also engaged in the conduct of mock interview processes for the present batch of students and mentoring them for improvements. Support given by the alumni in Placements, Job opportunities and internship encourage the present batch of students in a tremendous way. Career guidance lectures taken by alumni e.g. competitive examination preparation, guidance regarding the higher studies opportunities in foreign universities like US, Germany, Japan help a lot to understand the admission process and other formalities about the study.

The Alumni Association of our college is in a growing stage with a vision to involve the alumni for institution and student interaction in order to provide financial help to the weaker students, Lab development etc. Every year an alumni meet is planned at college level in December which will provide an open platform for discussion with faculty, current students and alumni.

File Description	Document
Link for additional information	View Document

5.4.2 Alumni financial contribution during the last five years (in INR).

Response: A. ? 15 Lakhs

File Description	Document
Link for additional information	View Document

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1 The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

Response:

The Vision

For Knowledge, Justice, and Peace

The Mission

With a view to realizing the vision, the college has taken up the mission

- To impart the right kind of knowledge among the rural students with the aid of the computers and other equipment
- To ensure social justice for the rural people through various academic and non-academic activities viz., Cultural and Literary competitions, NSS, NCC, YRC, Gender clubs etc.,
- To stabilize inner peace in the minds of the young learners through meditations, yoga practices in order to ensure peace among the rural people.

Nature of Governance

The effective leadership is exercised through the delegation of authority by the management, that is, Educational agency by providing freedom to the Secretary and the Principal and various statutory committees such as College Committee, Governing Body, Finance Committee, Academic Council etc.

The College Committee comprises the members of the educational agency, one representative of the University, Principal, two senior teaching staff and office superintendent. The college committee which administers the day-to-day affairs of the college is formed to function as per the (guidelines) Regulations of the Tamil Nadu Private College Regulation Act 1976.

Further to achieve effective leadership in the administration, it is very well established that the Principal is the academic and administrative head of the institution. Principal serves as the Chairman of the Academic Council. He is an ex-officio member of the college Governing Body, college committee and other committees. He serves as the linkage among the management, the staff to bring out their best performance. He holds periodical meetings with the HODs, Controller of Examinations to plan the academic activities and examinations. Thus he paves way for the healthy and fruitful relationship among the various members at different levels.

Perspective plan

The college's Prospective plan is prepared with systemic reforms in the area of academics, ICT, research and consultancy, outreach and campus development. The significant factors are:

- Introduction of new programmes and courses in time with the current needs.
- Implementation of online test for UG programmes and open book exam for PG programmes
- Strengthening ICT enabled teaching learning process for both offline and online programs
- Encouraging the faculty to publish quality papers in peer reviewed journals
- Promoting the College for becoming a College with Potential for Excellence
- Inception of Research Block and centres of research
- Adoption of villages and conducting outreach programmes

Participation of teachers in the decision making bodies of the Institution

- Faculty members have representation in apex administrative and academic bodies.
- Nomination of faculty members to the various statutory and non-statutory bodies and committees.
- Faculty members are given an opportunity to lead the college in various capacities as Vice Principal, Deans, Directors and Coordinators.

File Description	Document
Link for additional information	View Document

6.1.2 The effective leadership is reflected in various institutional practices such as decentralization and participative management.

Response:

The college practises a decentralized and participative management style in decision making. In particular, curriculum restructuring, framing and revising syllabi, admission procedure, budget allocation to departments and purchase of equipment and consumables, computers and all accessories, selection of teaching and non-teaching staff are few aspects involving decentralized decision making. Let us provide below a case study to exemplify the participative management that we practise in the college.

Case Study: Curriculum Designing and Implementation

- Curriculum designing and implementation at the UG and PG programmes were carried out by involving all the stakeholders of higher education.
- Feedback is sought from students, alumni, course teachers, parents, employers, and industry experts with respect to employability, entrepreneurship and skill development.
- Further workshop/seminar on Designing of curriculum with thrust on Outcome Based Education (OBE) methodology and world class curriculum were conducted in a phased manner through which staff were sensitized towards OBE, its significance, relevance and applicability in the current scenario. Further, at the end of the workshop, staff were trained on framing a 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 pre-board of studies meetings.

- On the basis of feedback as well as other curriculum framework at the national and global standard the new curriculum framework is developed for UG and PG programmes.
- The curriculum and the syllabi developed in the pre-board of studies were finalized at the board of studies consisting of renowned academicians, University Nominees, Industrial experts, and alumni members.
- The curriculum and syllabi suggested by the board of studies are presented in the Academic Council and relevant suggestions given by the council are incorporated.
- The final draft of curriculum and syllabi are placed before the Governing Body for its approval after which the syllabus comes into effect.
- The Programme Outcome (PO), Programme Specific outcome, Course outcome are disseminated to the students in various forums including orientation programmes.

File Description	Document
Link for strategic plan and deployment documents on the website	View Document

6.2 Strategy Development and Deployment

6.2.1 The institutional Strategic / Perspective plan is effectively deployed

Response:

The College has a separate research block which houses both faculty rooms for holding offices for research support. The four storey building of Research Block consists of 29 air-conditioned, Wi-Fi enabled rooms. Each of these rooms is equipped with a table and chair for research advisor and students, desktop, internet facility and cupboard for storing material and so on. Here, students have personal interaction with the research supervisor on academic and research matters. These rooms have also emerged as the bedrock for the generation of bright ideas for innovation, and research. The research block also provides faculty with a peaceful and comfortable place for their academic pursuits.

The Department of Science & Technology, Government of India, under the scheme " Fund for Improvement of S & T Infrastructure in Higher Educational Institutions" (DST-FIST) sanctioned an amount of Rs.1.1 Crore to our College in 2018 at Level 0'. The scheme is intended to augment the Teaching and Research facilities through acquisition of Equipment, Software, Books, Networking, Computational facilities and maintenance of equipment.

The College set up a Central Instrumentation facility in a floor to accommodate high end research instruments purchased under DST-FIST and other schemes. The facility now houses sophisticated equipment which includes Solid UV-Vis Spectrophotometer, ATR - FT-IR Spectrophotometer, Gas Chromatography Mass Spectrometry (GCMS). These facilities are available to students, research scholars

and faculty of our college and other Colleges and Universities to ignite a scientific curiosity in the minds of future scientists.

An e-learning and networking facility has been set up in the block to enable online education and knowledge transfer. The development of infrastructure strengthened the research capabilities and has resulted in an increase in the number of publications and paper presentations. There were 170 publications in Scopus indexed, Web of Science, UGC Care listed and Peer reviewed journals by the faculty and research scholars from various departments. About 40 papers were presented at the International/National conferences. Conferences, Workshops, and Seminars are to be conducted to expand the knowledge on recent scientific topics. For this purpose the college established an exclusive seminar hall in the block so as to conduct seminars, Doctoral committee meeting, viva-voce examinations for research scholars etc.,

The infrastructure of our college reflects its commitment towards research. The infrastructure in the research building is user friendly. Keeping in mind the mobility needs of the scholars, ramps and elevators have been installed to facilitate the movement of people within the research building. The College also has made washrooms for staff and students in the building itself.

The Infrastructure created by the college will be a long-standing resource for our students and staff and the larger community in the years to come. The facilities embodied in the research block have enriched the experience of students, research scholars and faculty in our college and other colleges, networking among researchers and equipped them for professional developments in their field.

File Description	Document
Link for Strategic Plan and deployment documents on the website	View Document

6.2.2 The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

Response:

Nehru Memorial College has a set of well defined Organizational Structure and Governance that focuses on the vision and mission of the College. To ensure efficient management of autonomy status and general administration, the following committees are constituted as per the Autonomous Guidelines issued by UGC/ MHRD and Tamil Nadu Private College Regulation Act 1976:

Committee established as per Tamil Nadu Private College Act, 1976

- Educational Agency
- College Committee

Committee's established as per UGC Autonomous Regulations

- Governing Body
- Academic Council

- Board of Studies
- Finance Committee
- IQAC

Committee established for effective administration of the college

- Students' Grievance Redressal Committee
- Examination Reforms Committee
- Admission Committee
- Library Committee
- Student Welfare Committee
- Anti Ragging Committee
- Sexual Harassment Committee
- College Calendar and Magazine Committee
- Research & Development Cell

Educational Agency

The apex body of the College is the Educational Agency which functions on the following objectives.

- To set policies and strategic plans
- To monitor the implementation of plans
- To provide required support to facilitate Principal and Staff during the course of implementation of plans
- To evaluate and analyse the outcome of the plans and to take necessary remedial measures.

Statutory Committees

Statutory Committees function as per the Autonomous Guidelines issued by UGC/MHRD and TNPCR Act 1976. The other non-statutory bodies function to ensure the practice of democratic principles and spirit of teamwork. These Committees meet regularly as and when it becomes necessary in consultation with the Principal. The minutes are recorded and the same is made known to the stakeholders concerned. Formation and function of these committees enhance the efficacious functioning of the College.

Policy of Recruitment:

Our College being a non-minority Aided College strictly adheres to the procedures, rules and regulations prescribed by the UGC/MHRD for the recruitment of teaching staff. The Selection committee is constituted as per the rules and the same is duly approved by Bharathidasan University. The selection committee selects the candidates purely on merit and ability. Further, the roster system (the rules of reservation) is strictly followed as per the rules and regulations of Tamil Nadu Government for both teaching and non-teaching staff.

Promotion Policy:

Promotion to teaching staff is followed totally in tune with the policy of the UGC/MHRD. Whereas for the promotion of the non-teaching staff, the promotion policy of the State Government for its employees is followed and the promotion is given to staff members as and when it becomes due for them.

Grievance Redressal Mechanism:

Any complaint received from the students in respect of harassment, ragging etc., is sent to the Students' Grievance Redressal Committee for further enquiry and redressal. In certain cases, depending on the situation, Adhoc Committees are formed to enquire and redress the complaints. The committee consists of the Principal, a senior most faculty as convener and two more staff members. (One among them shall be a woman faculty member). Whenever the committee is enquiring the students, the matter is conveyed to their parents in advance.

File Description	Document
Link to Organogram of the Institution webpage	View Document
Link for additional information	View Document

6.2.3 Implementation of e-governance in areas of operation

1. Administration
2. Finance and Accounts
3. Student Admission and Support
4. Examination

Response: B. 3 of the above

File Description	Document
Screen shots of user interfaces	View Document
Institutional data in prescribed format	View Document
Link for additional information	View Document

6.3 Faculty Empowerment Strategies

6.3.1 The institution has effective welfare measures for teaching and non-teaching staff and avenues for career development/ progression

Response:

Generally the growth of any institution depends upon the overall development of an individual. As such the management of our college strongly believes that the development of an individual alone would lead to the sustainable growth of the institution. Therefore, various welfare measures for teaching and non-teaching staff are provided in order to ensure career development:

Teaching staff:

- Every year the Faculty Development Programme (FDP) is organized before the commencement of

the academic year.

- Staff members are encouraged to attend Orientation programs, Refresher courses and Short-term courses being conducted by HRDCs of 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 the 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 September 5th every year.
- Seed money is provided for the staff members to prepare and send research proposals for various funding agencies.

Non-teaching staff

- 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 non-teaching staff are organized to enrich their knowledge in office administration.
- They are trained in ICT enabled administration for speedy and efficient work.
- Promotion from non-teaching 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.

Common to Teaching and Non-teaching staff

- Lab assistants are given training in safety and security measures to be followed in laboratories.
- Special programmes of yoga and meditation are provided for improving their mental health and peace.
- Free medical check-ups and medical camps were organised for the Staff members.
- Health Insurance cards are issued to all the staff members under the aegis of the Insurance scheme

of Government of Tamil Nadu.

- All the staff members are provided with group Insurance.
- Gymnasium facilities are provided separately for men and women staff members.
- Festival advance is provided by the management for the staff employed in self financed stream.
- Hostel accommodation at free of cost is provided to the staff who want to stay in the campus.
- Indoor stadium is open for the staff to play badminton, table tennis, etc.

File Description	Document
Link for additional information	View Document

6.3.2 Average percentage of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the last five years.

Response: 0

6.3.2.1 Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
0	0	0	0	0

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document
Link for additional information	View Document

6.3.3 Average number of professional development / administrative training Programmes organized by the institution for teaching and non-teaching staff during the last five years.

Response: 3.8

6.3.3.1 Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff year-wise during the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
4	7	3	3	2

File Description	Document
Institutional data in prescribed format	View Document
Link for additional information	View Document

6.3.4 Average percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course).

Response: 230.79

6.3.4.1 Total number of teachers attending professional development Programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes year wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
259	838	562	111	358

File Description	Document
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View Document
IQAC report summary	View Document
Institutional data in prescribed format	View Document

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

Response:

The college conducts internal and external financial audits regularly. The internal audit is carried out by a statutory auditor appointed by the Governing Body. Whereas the 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 convened meetings periodically and accounts relating to previous years were 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 the UGC under various grants and other funding agencies for various schemes and projects, the utilization certificate along with audited statements of accounts are promptly sent to funding agencies concerned.

The auditor appointed by the Governing Body audits the accounts of both Aided and Self-financed streams. The income and Expenditure Statement of the accounts along with the Balance sheet is prepared by the auditor and Income Tax returns are filed every year.

File Description	Document
Any additional information	View Document
Link for additional information	View Document

6.4.2 Funds / Grants received from non-government bodies, individuals, philanthropists during the last five years (not covered in Criterion III and V) (INR in Lakhs)

Response: 1.25

6.4.2.1 Total Grants received from non-government bodies, individuals, Philanthropers year-wise during the last five years (INR in Lakhs)

2019-20	2018-19	2017-18	2016-17	2015-16
1.25	0	0	0	0

File Description	Document
Institutional data in prescribed format	View Document
Link for additional information	View Document

6.4.3 Institutional strategies for mobilisation of funds and the optimal utilisation of resources

Response:

Our College being an Aided College, the salary for the teaching and non-teaching staff employed in the Aided section is received from the State Government under Salary Grant. For the teaching and non-teaching staff working in a self-financed stream, the salary is paid by the college from the tuition fees collected from the students. Fees collected are deposited in nationalized banks and proper books of account are maintained which are subjected to internal and external audit. The fees collected from the students are utilized as per the norms fixed by the Government and affiliating university.

Autonomous grants are provided by UGC for equipping library, laboratories, faculty development, extension activities, conduct of seminars/ workshops etc.,. Therefore, the Finance Committee of the College prepares a proposal/Budget for every academic year well in advance in consultation with each department and sends it to the UGC. Thus the funds received from the UGC under autonomous grant are spent as per the budget submitted and the guidelines of UGC for autonomous Colleges. Then at the end of every academic year, Utilization Certificate (UC) for the grants received is submitted to the UGC. Funds for organizing workshops/Seminars/Conferences are received from the participants, sponsors, management, UGC, DST and DBT. The funds received are spent under the specific head and Utilization Certificates (UC) are submitted.

Further, the management contributes a substantial amount of money every year for developing infrastructure, scholarships for sports persons, cash awards to staff and enhancing ICT enabled teaching and learning. The management also provides seed money to Research Advisors to prepare and send research proposals to various funding agencies like UGC/DBT/DST etc., for receiving grants.

Scholarships are granted by the Government for the students belonging to OBC, SC and ST categories. Earlier the fund was received from the welfare department and cheques were issued to students. In the recent past years, the system has been modified, and the scholarship amounts are directly credited to the students' individual Saving Bank Account. Scholarships are also granted by corporates, College Management, Alumni and some NGOs for the poor and meritorious students. Proper records and books of accounts are maintained for the receipt and disbursement of funds. Generally all payment and receipts are made only by cheque and DD.

File Description	Document
Link for additional information	View Document

6.5 Internal Quality Assurance System

6.5.1 Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes visible in terms of – Incremental improvements made for the preceding five years with regard to quality (in case of first cycle) Incremental improvements made for the preceding five years with regard to quality and post accreditation quality initiatives (second and subsequent cycles)

Response:

In Nehru Memorial College, quality enhancement is a continuous process. The college IQAC works out intervention and pre-emptive strategies to improve quality. The primary objective of the cell is to develop systems for conscious, consistent and catalytic action to improve academics, research and administrative performance. The IQAC follows a calendar of events.

The IQAC audits all academic, administrative and research activities regularly. The cell prepares necessary guidelines (as per the NAAC/UGC norms) to ensure and enhance quality sustenance and improvement. Two such examples that were implemented successfully as a result of the intervention of IQAC are presented.

1. Feedback mechanisms

The stakeholders of higher education being many with varied expectations such as employers, parents, and students and so on, the traditional methods will not be suitable. Further, the demands of the ever-changing fast pace world are quite challenging. Therefore, higher education providers need to constantly collect feedback regarding the outcomes and changes needed.

Student stakeholders contribute to the sustained development of an institution. The IQAC promotes student feedback through a continuous digitized feedback collection system. Stakeholders submit their feedback in varied aspects: Student feedback of teacher Student feedback of programme, Teacher feedback, Alumni Feedback, Parents feedback. Alumni submit their feedback in the alumni meet. Parents' feedback form is also received in the parents' meet. This digitalization mechanism aids in maintaining anonymity and in obtaining a thorough feedback from all the stakeholders especially the students. Periodically the feedback from all these sources is collected, scrutinized and necessary actions are taken.

Impact

- Industry based curriculum for various programs
- Enhanced Alumni interaction, Parent interaction with teachers, administration
- Facilities enhancement for students such as automated examination systems e-books, updating of website, etc.

2. Research and Development

The other key area where college IQAC made remarkable changes is Research and Development, keeping in view of the thrust on research in the college. The regular audits of the cell across the departments pertaining to research identified disparities among the departments.

Another initiative taken is the formation of research groups by all departments to encourage focused and specialised research in thrust/emerging areas. Further the college introduced incentives to research articles published in journals benchmarked by SCI, Scopus & Web of sciences, IEEE, ASME-Elsevier, Springer.

With the intent of encouraging exposure to emerging areas of research and paper presentation, the college promotes participation of faculty in international conferences & national conferences/seminars, short term workshops and training programmes.

The IQAC audits these activities to help promote professionalism and greater focus and work mindedness. Specialized research in the field of interest by both faculty members and students is likely to yield better results.

Impact

- DST-FIST was awarded to the entire college.
- DBT Star college scheme was applied
- Three Major Research projects from DST alone were received during 2017-2018.
- Considerable number of publication in reputed journals and presentation of papers increased
- Facilities enhancement for students such as automated examination systems e-books, updation of website etc.

File Description	Document
Link for additional information	View Document

6.5.2 The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities (For first cycle - Incremental improvements made for the preceding five years with regard to quality For second and subsequent cycles - Incremental improvements made for the preceding five years with regard to quality and post accreditation quality initiatives)

Response:

Two examples of institutional reviews and implementation of teaching learning reforms facilitated by the IQAC are discussed below:

1. TEACHING LEARNING PROCESS

Based on the percentage of marks obtained by students the result was analyzed to judge their performance in attaining each course outcome. All deviations were closely studied by the IQAC which came up with an action plan to close short falls and improve the efficiency of the teaching-learning process. As part of the

follow up the IQAC has made two recommendations to strengthen the teaching, learning process. Keeping in view of the scientifically proven importance of graphics and visuals in communication, the IQAC recommended greater use of ICT tools in course delivery. As a result there is a 70% improvement in performance in memory based tests and 30% saving in required learning time. The time thus gained is utilized in intensive study and practice of conceptual topics. This was a huge departure from and advantage over the conventional textbook cum chalk-and-talk method. Further, the IQAC suggested that the discussion and case study methods should be preferred to the stand-alone mode. This interactive communication helps teachers actively identify the shortcomings and also initiate on-the-spot remedial action.

2. ANNUAL ACADEMIC AUDIT

To monitor the functioning of the institution on various parameters given by NAAC, IQAC introduced the Annual Academic Audit. The objective of the Audit is to assess the functioning of the departments and enhance the quality standards with respect to curriculum, teaching learning, research and student support. External Academic Audits are conducted to evaluate the performance of the departments. The External Audit Team comprises academicians from other institutions. The Team visit the Departments and assess the performance on the following parameters:

- Curriculum Design & Development – quality of curriculum, new courses introduced, credit courses offered and feedback process used.
- Teaching, Learning & Evaluation – Innovative Teaching Methods, Remedial Classes, Faculty profile, evaluation methods and pass percentage
- Research, Consultancy & Extension – Minor Research Projects, paper presentation. Publication, consultation and community development programs
- Student Support & Progression – Festivals/Seminars, career counseling & guidance, guest lectures and student participation in inter collegiate events
- Innovative Best Practices of the Department, SWOC of the department

The departments make a presentation of their departmental data to the team and the audit team verifies all the supporting documents. The External Audit team conducts an exit meet where their general feedback is shared with the respective Head of the department. Further a report of each department was prepared and the same has been sent to the department concerned for enhancing and sustenance of quality aspects. The report and action taken by the department concerned were presented in the IQAC meeting. Suggestions are also put forth to strengthen the quality standards in the functioning of the department.

File Description	Document
Link for additional information	View Document

6.5.3 Quality assurance initiatives of the institution include:

1. Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analysed and used for improvements
2. Collaborative quality initiatives with other institution(s)
3. Participation in NIRF
4. Any other quality audit recognized by state, national or international agencies (ISO Certification)

Response: All of the above

File Description	Document
Upload e-copies of the accreditations and certifications	View Document
Institutional data in prescribed format	View Document
Paste web link of Annual reports of Institution	View Document
Link for additional information	View Document

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1 Measures initiated by the Institution for the promotion of gender equity during the last five years.

Response:

Women's welfare

Nehru Memorial College is basically a coeducation college but it remains the most preferred institution for girls desirous of pursuing undergraduate, postgraduate, M.Phil and Ph.D programmes. Girls are more in number than boys in almost all programmes.

Gender Club:

Our College has formed a Gender club. Periodically, it organized various meetings for the welfare of women such as medical camps, awareness about women's health hygiene, legal rights and personal counselling for Women students.

Women faculty:

Appointed more women faculty in the college almost in proportion to the total number of girls.

Women administrators:

Appointed women in administrative positions such as Deans, HoDs, Deputy Controller of Examination and Physical Directress.

Gender studies in curriculum:

College offers a course on "Gender studies" as part IV during the third semester of all UG programmes to create gender sensitivity among the students.

Anti-sexual Harassment Cell

As per the guidelines of the UGC and the Supreme Court an Anti-Sexual Harassment Committee has been established by the college to provide a healthy atmosphere to the women students and the women staff of the college.

Safety and security:

The college is very keen on safety and security of the girl students and women staff members. The following practices are followed:

CCTV cameras are installed in prominent places of our college. Footage of the recordings is periodically seen, and appropriate action is taken, if any suspicious activity is observed by the principal.

Counseling

Counseling is carried out at three levels:

- Student Induction Programme (SIP): Department of English conducts Student Induction Programme to help new students adjust and feel comfortable in the new environment, inculcate in them the ethos and culture of the institution, help them build bonds with other students and faculty members, and expose them to a sense of larger purpose and self exploration.
- At the department level: Our faculty members help the students in academics, co curricular and extracurricular activities and making career choices.
- Personal counseling: We follow the Mentor-Mentee system in all programme. In this system, our professors counsel the students face to face in dealing with personal matters like mental stress, depression and general dislike in studies.

Physical Facilities for women students and women staff members

a) Counseling room

A separate counseling room is available for face to face personal counseling.

b) Common room

The college has provided a separate room for day scholar girl students and sick room for all girl students, and women staff. The room is attached with a washroom.

c) Day Care Centre

Day care centre is provided with the assistance of a caretaker for taking care of the children of the staff members. The centre equipped with toys, books and pictures, blocks, drawing materials, number blocks, riding toys, balls etc.,

d) Health Centre

Health centre is available at our college with basic medical facilities for the benefit of girl students from hostels and day scholars. A women nurse is appointed for the same.

File Description	Document
Specific facilities provided for women in terms of: a.Safety and security b.Counselling c.Common Rooms d. Day care center for young children e. Any other relevant information	View Document
Annual gender sensitization action plan	View Document

7.1.2 The Institution has facilities for alternate sources of energy and energy conservation

measures

1. Solar energy
2. Biogas plant
3. Wheeling to the Grid
4. Sensor-based energy conservation
5. Use of LED bulbs/ power efficient equipment

Response: A. 4 or All of the above

File Description	Document
Geotagged Photographs	View Document
Any other relevant information	View Document

7.1.3 Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 500 words)

- Solid waste management
- Liquid waste management
- Biomedical waste management
- E-waste management
- Waste recycling system
- Hazardous chemicals and radioactive waste management

Response:

Solar Energy

Solar power panel is established in order to supply enough electricity.

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. The entire campus is marching towards “Zero Energy” in future.

Biogas plant

Biogas plants are installed and produce fuel gas for utilizing it in the kitchen in the hostel. The kitchen waste and toilet wastes are used for the production of biogas.

Sensor-based energy conservation

Sensor-based LED lights are installed at veranda, steps, toilet entrance etc.

Use of LED bulbs/ power efficient equipment

Most of the existing bulbs, tube lights are replaced with power saving LED lights in both the college and

hostels. No tungsten bulbs are used in the college campus.

File Description	Document
Geotagged photographs of the facilities	View Document
Any other relevant information	View Document

7.1.4 Water conservation facilities available in the Institution:

- 1. Rain water harvesting**
- 2. Borewell /Open well recharge**
- 3. Construction of tanks and bunds**
- 4. Waste water recycling**
- 5. Maintenance of water bodies and distribution system in the campus**

Response: A. Any 4 or all of the above

File Description	Document
Geotagged photographs / videos of the facilities	View Document
Link for any additional information	View Document

7.1.5 Green campus initiatives include:

- 1. Restricted entry of automobiles**
- 2. Use of Bicycles/ Battery powered vehicles**
- 3. Pedestrian Friendly pathways**
- 4. Ban on use of Plastic**
- 5. Landscaping with trees and plants**

Response: B. 3 of the above

File Description	Document
Geotagged photos / videos of the facilities	View Document

7.1.6 Quality audits on environment and energy regularly undertaken by the Institution and any awards received for such green campus initiatives:

- 1. Green audit**
- 2. Energy audit**
- 3. Environment audit**
- 4. Clean and green campus recognitions / awards**
- 5. Beyond the campus environmental promotion activities**

Response: A. Any 4 or all of the above

File Description	Document
Reports on environment and energy audits submitted by the auditing agency	View Document
Certification by the auditing agency	View Document
Any other relevant information	View Document

7.1.7 The Institution has disabled-friendly, barrier free environment

- 1. Built environment with ramps/lifts for easy access to classrooms.**
- 2. Disabled-friendly washrooms**
- 3. Signage including tactile path, lights, display boards and signposts**
- 4. Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment**
- 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading**

Response: B. 3 of the above

File Description	Document
Geotagged photographs / videos of the facilities	View Document
Any other relevant information	View Document

7.1.8 Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 500 words).

Response:

Institution provides an inclusive environment for everyone with tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities. Right from the enrollment there is no bias as the enrollment is purely transparent. Moreover, college provides equal opportunities to the students in various activities conducted throughout the session irrespective of their caste, creed, religion and region. NCC and NSS are included in order to inculcate a sense of unity, discipline and harmony.

Our institution believes in equality of all cultures and traditions as is evident from the fact that students belonging to different caste, religion and regions are studying in the college without any discrimination.

Different sports and cultural activities organized inside the college promote harmony towards each other.

Commemorative days like, Women's day, Yoga day along with many regional festivals like Pongal day, Ayutha pooja. This establishes positive interaction among people of different racial and cultural backgrounds.

Colleges organize fresher's day for the first year students every year. The main aim of this celebration is to give a warm welcome to the newcomers and to help the fresher to mingle with the seniors. Such celebration not only builds their confidence but also adds creativity to their levels. It is accompanied with so many colourful events and programs like traditional, fusion, and western dances, exhilarating singing performances, and splendid decoration.

There are different grievance redressal cells in the institute like Student grievance redressal cell, Anti-raging cell, Anti-sexual harassment cell which deal with grievances without considering anyone's communal or cultural background.

Institute has a code of ethics for students and a separate code of ethics for teachers and other employees which have to be followed by each one of them irrespective of their cultural, regional, linguistic, communal socioeconomic and other diversities.

Yoga day, youth day, teachers' day are celebrated to promote national integration and communal harmony among people of all religion and languages

In the hostel, students are accommodated without any discrimination of communal and socioeconomic background.

Students are safe and secure at the institute, not because of locks, and security guards, but because they know the institution has physical, emotional and spiritual safety.

File Description	Document
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View Document
Any other relevant information	View Document

7.1.9 Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens (within 500 words).

Response:

Our college organizes Independence Day celebrations and Republic Day every year on 15th August and 26th January, respectively. Students and faculty members participate in this function with our Principal's address on working towards a better India. He takes the salute from the March Past done by our NCC students.

A foundation course on value education is offered in our college during the first semester as part IV of all UG programme to make the student work with the right attitude and standards to face the outside world.

Our Tamil department published a book on "Valvial Kalvi" (Value education) for our first year students which emphasizes the values, rights and responsibilities of citizens.

College offers a course on “Gender studies” as part IV during the Third semester of all UG programmes to create gender sensitivity among the students.

On Voters Day the students are given awareness on their duties and rights as a loyal citizen.

Our teaching and non-teaching staff are involved in Election duty in Panchayat election, assembly and parliament elections.

The Department of Computer Science conducted a training programme on computer literacy to the school teachers and pupils of various school students.

The department of Computer Science conducted a training programme on “Computer usage” for local ward members and panchayath officials.

The Department of English conducted a programme on “English for communication” to the school students of various schools.

All department staff periodically conducted various competitions such as quiz, oratorical and essay writing for XII students of various schools around Thuraiyur Taluk.

Our faculty members every year make awareness to the school students about the importance and opportunities of higher education.

Every year NMC remembers great Indian personalities as follows:

It observes two minutes of silence on 27th of July every year to remember Former President Dr.A. P. J. Abdul Kalam.

NMC celebrates Teacher’s Day, birth anniversaries of Indian stalwarts such as eminent mathematician Srinivasa Ramanujan, Iron man Sardar Vallabai patel, Swami Vivekanandha and so on.

Every year National Science Day is celebrated in our college on 28 February to commemorate the discovery of the Raman Effect by Indian physicist Sir C. V. Raman.

The awareness programmes on Consumer Rights and Human rights and women rights are organized regularly.

Three NSS units for girls and two units for boys students are available to provide service to society without bias. NSS volunteers work to ensure that everyone who is needy gets help to enhance their standard of living and lead a life of dignity.

One NCC wing for boys and another one for girls are functioning to aim at developing character, comradeship, discipline, a secular outlook, the spirit of adventure and ideals of selfless service among the young citizens. NCC cadets are encouraged to join our Indian army. Many of our alumni serve in the Indian army at different levels.

File Description	Document
• Details of activities that inculcate values; necessary to render students in to responsible citizens	View Document
Any other relevant information	View Document

7.1.10 The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard.

- 1. The Code of Conduct is displayed on the website**
- 2. There is a committee to monitor adherence to the Code of Conduct**
- 3. Institution organizes professional ethics programmes for students, teachers, administrators and other staff**
- 4. Annual awareness programmes on Code of Conduct are organized**

Response: A. All of the above

File Description	Document
Code of ethics policy document	View Document
Any other relevant information	View Document

7.1.11 Institution celebrates / organizes national and international commemorative days, events and festivals (within 500 words).

Response:

Nehru Memorial College celebrates National and Religious festivals with great fervor and zeal to promote communal, religious and cultural harmony, effective socialization and national integration. These festivals are celebrated irrespective of caste or creed forging the bond of humanity among students.

Festivals such as Pongal, Durga pooja are celebrated to augment feelings of communal unity and harmony. Pongal, the traditional harvest festival of Tamilnadu is celebrated in a grand manner.

Independence Day is celebrated to realize the meaning of freedom and to bring back memories of freedom struggle. Students and faculty members participate in this celebration with our Principal's address on working towards a better India. He takes the salute from the March Past done by our NCC students.

Every year the college remembers great Indian personalities as follows:

It observes two minutes of silence on 27th of July every year to remember Former President Dr.A. P. J. Abdul Kalam.

NMC celebrates Teacher's Day to honor the birthday of Dr.Radhakrishnan, Teacher cum Former president of India, in which all the teachers are honored for their dedicated service on 5th September every year.

Srinivasa Ramanujan's birth anniversary on December 22 is celebrated as National Mathematics Day every year.

National Science Day is celebrated in our college on 28 February each year to mark the discovery of the Raman Effect by Indian physicist Sir C. V. Raman.

Yoga day is celebrated on 21st June from 2015 to promote mental and physical health.

Youth day is celebrated on the birth day of Swami Vivekanantha.

Sardar Vallabai Patel's birth anniversary is observed as National Unity Day. Our students and staff participated in oath taking.

File Description	Document
Geotagged photographs of some of the events	View Document
Annual report of the celebrations and commemorative events for the last five years	View Document

7.2 Best Practices

7.2.1 Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Response:

Best Practice 1

1. 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:

- To encourage the faculty to aim constantly at quality sustenance activities.
- To help the teachers, in all departments to use innovative methods in their classroom teaching and learning process.
- To encourage faculty to improve their professional expertise.
- To develop research culture at the grass root level.
- To review the functioning of departments, associations and facilities.
- 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 criterion 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 development 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 areas.

The Practice:

- Academic audit committee is being constituted with external expert, Principal and coordinator of IQAC.
- Once the committee is constituted, the date and time of the academic audit will be informed to the respective departments well in advance.
- 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 being the individual teacher profile.
- 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
- 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 regard to programmes and courses; various concepts of the courses taught and also go through all their records and credentials.
- 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. After due verification IQAC sends the report to the Principal. The reports of the audit team will be finally sent to the Heads of the Departments concerned 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 have to adopt/familiarize new technology/gadgets to get their work done easily.

Resource required

- Human Resources - collect information to process and collate.
- Financial assistance - for stationary and other miscellaneous items for preparing reports.
- Technological resource - Use of computers and other modes of data processing.
- Material Resources - Paper and stationery 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).

Best Practice - 2

2. Mentoring The First Generation Rural Students To Enhance Their Learning Capability

(Coming under the focal Theme: Encouraging Good Communication Between Teachers and Learners)

Objectives of the Practice:

Mentoring is one of the key aspects of student support in higher education. It is an essential feature to render equitable service to all the students having heterogeneous background. Faculty members are expected to advise undergraduates and post-graduates. Student-mentorship has the following objectives:

1. To enhance teacher-student contact hours
2. To enhance students' academic performance and attendance
3. To minimize student drop-out rates
4. To identify and understand the plight of slow learners and encourage advanced learners
5. To render equitable service to students

Need addressed and the context:

The college is situated in a rural surrounding with students hailing from downtrodden families. Most of the students are first generation students. The IQAC of our college had taken the initiative of implementing the mentoring of students. Students are categorized based on the streams of studies and also according to their core subjects. They are divided into groups of 10-15 depending on the number of students. Each group is assigned a teacher-mentor who would perform the mentoring duties. A Mentoring Format with Guidelines is prepared by the IQAC to ensure uniformity. The system is created to augment the student-centric teaching and development.

The Practice:

The College has introduced the Mentoring system and it follows the guidelines given below:

1. Mentors maintain and update the Mentoring Format which contains space for entering particulars and performance of students (class tests, monthly attendance records, etc.)
2. After collecting all necessary information, Mentors are expected to offer guidance and counseling as and when required.
3. It is the practice of Mentors to meet students individually or in groups.
4. In isolated cases parents are called for counseling/special meetings with the Principal on the suggestion of the Mentor.
5. If a student is identified as having weakness in particular subject, it is the duty of the Mentor to apprise the concerned subject teacher.

Obstacles faced if any and strategies adopted to overcome them:

Time factor as a Major constraint for Mentors

Initially it was very difficult to have an exclusive time slot for mentoring. But we allocated the zero hour (8.30 a.m. to 9.30 a.m.) and post class hour (3.30 p.m. to 4.30 p.m.) for carrying out the mentoring practice effectively. Subsequently the plan worked out well.

Evidence of Success:

Though Student-Counselling system has been in practice since 2013-14, the Mentoring system has been implemented from 2017-18. Significant improvement in the teacher-student relationship is evident through the records maintained by the college.

The system has been useful in identifying slow learners and advanced learners. On the basis of the Mentor's report, the department has organised remedial classes in the identified topics/subjects for slow learners. The Remedial Classes have been institutionalized after the implementation of the Mentoring System. Need-Based remedial classes have proved to be beneficial to the students in particular and the entire college in general. The institutional practice of Mentoring System has considerably enhanced the campus environment and brought about:

1. Enhanced contact hours between Mentors and Mentees.
2. Regularity in students' attendance records
3. Minimized student drop-out rates
4. Identification of slow learners for conducting Remedial Classes
5. Advanced learners identified and encouraged with additional assignments and changes & incentive

prizes

Resources required:

A separate link in the college web site may be designed for helping the students (Mentees) to get connected with their Mentors.

File Description	Document
Best practices in the Institutional web site	View Document

7.3 Institutional Distinctiveness

7.3.1 Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

Response:

Empowering the rural and underprivileged students Community through broad based education

Nehru Memorial College is located in a rural area and the students population mainly hails from the 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 trendsetter and game changer of higher education in this region. For instance we have started offering 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 tertiary education. The college uplifts the student community by offering a global, holistic, broad-based education, which includes Integrated Learner-Centric interdisciplinary 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 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 to gather insights on Industrial Practices and latest technologies that promotes students' questioning and reporting skills.

Enhancing Communication skills

Since the 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 to develop their communication skills in English.

- Several clubs and mentoring programmes are organised to develop communicative skills in various levels.
- MoU with CSR@ Redington, Chennai has enabled students receive professional training on Soft skills.
- Group discussions and brainstorming 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 and students are asked to offer critical reviews.
- Students' building-up and justifying their individual perspectives enhance their communication skills
- College offers opportunities to the aspiring students to develop communication skills in Hindi also. Hindi is offered under Part-I and a separate course 'Practical Hindi' is offered to Hotel Management and Catering Science Students.
- A separate club is formed to train the students in Public speaking in Tamil.

Technological understanding and synthesizing capabilities

The Institution maintains a well-equipped, updated, State-of-the-art infrastructure with the following facilities:

- Each science departments has its own separate laboratories for undergraduate, postgraduate and research programme in order to utilize the facilities effectively
- Wi-Fi enabled campus, Internet/Intranet facilities, 50 Mbps Optic fibre connectivity 300

Computers, Printers, Scanners connected through LAN, Smart classrooms, White Interactive board with Touch screen LCD Projectors Video conferencing facility

- Internships and on-Job-training in companies/hotels/industries integrate theoretical courses with hands-on- experience by which students get insights on required technical skills.
- 300 KV solar power generations, Generators apart from HT electric lines are available in the campus to meet our power requirement in 24X7.

Promoting Leadership qualities

- Group activities of the college—seminars, workshops, conferences- Inter collegiate events are organized by student Committees. It enables them to imbibe planning & organizing skills, intra-interpersonal relationships, team spirit, time/stress/finance management.
- Student representatives are incorporated into various committees as Campus discipline, Grievance redressal, Hostel Management/Mess and students Welfare Committees. It equips students with observation, monitoring, people handling, evaluation and decision-making skills.
- Under NSS as well as NCC, students attend several camps in different places. These camps experience provides them ample opportunities to confront grass root realities of life and develop leadership qualities of social responsibility and community solidarity.

Entrepreneurial Skills

To equip and motivate students for starting new enterprises and undertake entrepreneurship, many Industry-related courses are introduced in the curriculum itself. Beyond academics, our department of commerce department organizes seminars on Entrepreneurship and through interaction with successful entrepreneurs students learn nuances of entrepreneurship. Our departments have offered students practical training programmes in, Soap Oil, Washing Powder & Phenol Vermicompost preparation and Organic Farming, Bee Keeping, Culturing techniques for Mushrooms, Chocolate Making, Fast Food preparation Manufacturing Cottage products Short-term Entrepreneurship programmes on Costume Designing, Paper Quilling, Aari Work, Basket Making, Stitching Purses and Handbags are offered to girl students.

Employability Skills

Placement Cell invites experts from the concerned fields and conducts pre-placement training programmes to prepare the outgoing students to gain prosperous placements. The major areas of output in the training programmes include general knowledge, current affairs, communication skill, soft skills, Resume preparation, participation in group discussion and interview skills. The cell arranges Interface Programmes with prominent Alumni to familiarize the students with the Industrial demands

Library keeps 'Career Corner' that stocks volumes of competitive exams preparation books and magazines for Students' use and displays on the 'Career Notice Board' career related news about upcoming competitive examinations with dates.

Effectively trained, in this alone the students of Nehru Memorial College have secured an excellent record of 1361 placement orders in Educational, Industrial and Banking sectors. Thus, various Skill Development strategies transform Rural Students Community of our College from mere degree holders into a competent, skilled responsible citizen of this nation.

File Description	Document
Appropriate web in the Institutional website	View Document

NAAC

5. CONCLUSION

Additional Information :

Nehru Memorial College has effectively capitalized the serene and rural environment along with a large number of students residing on the campus and it has set up a conducive atmosphere with sufficient infrastructure to inculcate knowledge acquisition, creativity among the faculty members and students. As a result the institution has witnessed a lot of productivity in terms of research, extension and knowledge dissemination. The out come of dedicated effort made by the faculty members and students are listed below:

- An exclusive Research Block is constructed with allotting individual rooms for Research Advisors and Central Instrumentation Room in the same block to carry out research under one roof.
- The Post Graduate and Research Department of Zoology established a Vermicompost Production Unit in the campus.
- The used water or wastewater from hostels is treated and then utilized to irrigate 40 acres of citrus fruit orchard. This method has created a culture of wastewater utilization to irrigate farms and increase the income of agriculturalists in the nearby villages.
- The college has installed 300 Kwh rooftop solar park and produced 1500 w electricity per day. This has created a chain of solar energy cultivation techniques in the nearby areas.
- The HOV Services Ltd (an MNC) has established a center for BPO at the campus itself and provided job opportunities for more than 500 rural people. The decisive step made by the institution has transformed the rural economy where most of the women in the rural segment have got employment in this BPO.

Concluding Remarks :

Nehru Memorial College is an autonomous co-educational institution established in 1967 to impart higher education to the rural students who are mainly first generation learners. The college provides quality education with affordable cost for the rural, downtrodden communities and the marginalised tribals for more than five decades. Currently, the college offers 15 Under Graduate Programmes, 14 Postgraduate Programmes, 11 M.Phil. Programmes and 11 Ph.D. Programmes. The college has a committed management and dedicated faculty who always strive to achieve students' overall growth by providing state-of-the-art infrastructure along with a world class curriculum. Introduction of the Outcome Based Education, consistently securing university ranking by the students and the establishment of Research Block are some examples to narrate the continuous enhancement of the quality of Education. Spacious classrooms, well-equipped laboratories, ICT enabled conference halls, and a well-stacked library with 46937 books creates an academic ambience suitable for imparting quality education. The institution has a well-equipped Indoor Stadium, an Outdoor Stadium and a Gymnasium for all the staff and students. Various co-curricular forums like NCC, NSS and other service-rendering committees offer a wide range of support services and organise events by bringing out social responsibility and making them glorious citizens of India. The college facilitates the economically weaker students by providing management scholarships and government scholarships. Globally and nationally placed

Alumni, who are leaders in their respective fields, is a testimony to the institution's commitment in building individual excellence and thereby contributing to the overall progress of the nation. The academic journey during the pandemic period has been efficiently managed with the support of ICT for Teaching, Learning and Evaluation process.

Efficient leadership, participative and progressive teachers, responsive students, effective examination system and excellent monitoring mechanism are the mighty pillars of Nehru Memorial College. Therefore, the institution bestows value based quality education to the demands of the Local / Regional / National and Global needs with innovative teaching pedagogies for the overall growth of the student.

NAAC

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification																				
1.1.2	<p>Percentage of Programmes where syllabus revision was carried out during the last five years.</p> <p>1.1.2.1. Number of all Programmes offered by the institution during the last five years. Answer before DVV Verification : 51 Answer after DVV Verification: 51</p> <p>1.1.2.2. How many Programmes were revised out of total number of Programmes offered during the last five years Answer before DVV Verification : 51 Answer after DVV Verification: 40</p> <p>Remark : Observation accepted Edited as Ph.D. is a research programme, the revision of syllabus is not applicable.</p>																				
1.1.3	<p>Average percentage of courses having focus on employability/ entrepreneurship/ skill development offered by the institution during the last five years</p> <p>1.1.3.1. Number of courses having focus on employability/ entrepreneurship/ skill development year-wise during the last five years.. Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> </tr> </thead> <tbody> <tr> <td>767</td> <td>767</td> <td>695</td> <td>656</td> <td>656</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> </tr> </thead> <tbody> <tr> <td>767</td> <td>767</td> <td>695</td> <td>656</td> <td>0656</td> </tr> </tbody> </table> <p>Remark : Observation not accepted >list excluded basic course ,language course and laboratory course</p>	2019-20	2018-19	2017-18	2016-17	2015-16	767	767	695	656	656	2019-20	2018-19	2017-18	2016-17	2015-16	767	767	695	656	0656
2019-20	2018-19	2017-18	2016-17	2015-16																	
767	767	695	656	656																	
2019-20	2018-19	2017-18	2016-17	2015-16																	
767	767	695	656	0656																	
1.3.2	<p>Number of value-added courses for imparting transferable and life skills offered during last five years.</p> <p>1.3.2.1. How many new value-added courses are added within the last five years Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2</td> <td>1</td> <td>5</td> <td>27</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	2019-20	2018-19	2017-18	2016-17	2015-16	1	2	1	5	27	2019-20	2018-19	2017-18	2016-17	2015-16					
2019-20	2018-19	2017-18	2016-17	2015-16																	
1	2	1	5	27																	
2019-20	2018-19	2017-18	2016-17	2015-16																	

01	2	1	5	27
----	---	---	---	----

Remark : Observation not accepted as all courses are offered by Institution

1.3.3 Average Percentage of students enrolled in the courses under 1.3.2 above.

1.3.3.1. Number of students enrolled in subject related Certificate or Add-on programs year wise during last five years

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
180	209	153	379	556

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
180	209	153	379	0556

Remark : Observation noted No certificates for add on courses provided

2.1.1 Average Enrolment percentage (Average of last five years)

2.1.1.1. Number of students admitted year-wise during last five years

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
---------	---------	---------	---------	---------

2.1.1.2. Number of sanctioned seats year wise during last five years

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
2567	2570	2295	2169	1865

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
2570	2570	2295	2169	1865

2.1.2 Average percentage of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy) during the last five years (exclusive of supernumerary seats)

2.1.2.1. Number of actual students admitted from the reserved categories year wise during last five years

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16

988	990	895	850	743
-----	-----	-----	-----	-----

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
990	990	895	850	735

Remark : Edited as data provided

2.4.3 **Average teaching experience of full time teachers in the same institution (Data for the latest completed academic year in number of years)**

2.4.3.1. **Total experience of full-time teachers**

Answer before DVV Verification : 2314.08

Answer after DVV Verification: 2295.00

Remark : Observation noted .Experience of Physical education taught is excluded

2.5.1 **Average number of days from the date of last semester-end/ year- end examination till the declaration of results year-wise during the last five years**

2.5.1.1. **Number of days from the date of last semester-end/ year- end examination till the declaration of results year wise during the last five years**

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
22	25	27	26	25

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
19	25	30	30	28

3.1.2 **The institution provides seed money to its teachers for research (average per year, INR in Lakhs)**

3.1.2.1. **The amount of seed money provided by institution to its faculty year-wise during the last five years (INR in lakhs).**

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
1.0	1.0	0.8	0.6	0.6

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16

0	0	0	0	0
---	---	---	---	---

Remark : observation accepted and updated

3.2.1 Grants received from Government and non-governmental agencies for research projects, endowments, Chairs in the institution during the last five years (INR in Lakhs)

3.2.1.1. Total Grants from Government and non-governmental agencies for research projects , endowments, Chairs in the institution during the last five years (INR in Lakhs)

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
8	185.9	15.4	22.5	24.3

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
46.25	132.5	15.4	22.5	24.3

Remark : Observation accepted and edited accordingly

3.4.1 The Institution ensures implementation of its stated Code of Ethics for research through the following:

- 1. Inclusion of research ethics in the research methodology course work**
- 2. Presence of Ethics committee**
- 3. Plagiarism check through software**
- 4. Research Advisory Committee**

Answer before DVV Verification : A. All of the above

Answer After DVV Verification: B. 3 of the above

Remark : Observation accepted .Bills for plagiarism software is for date 25/06/21;so not considered

3.4.3 Number of research papers per teachers in the Journals notified on UGC website during the last five years

3.4.3.1. Number of research papers in the Journals notified on UGC website during the last five years

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
68	88	57	51	50

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
86	35	33	28	37

Remark : Observation noted Edited as per new data provided

3.5.1 Revenue generated from consultancy and corporate training during the last five years (INR in Lakhs).

3.5.1.1. Total amount generated from consultancy and corporate training year-wise during the last five years (INR in lakhs).

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
4.0	2.77	1.33	1.14	0.72

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
4.0	2.13	1.33	01.14	0.72

Remark : Observation not accepted.Only consultancy fee is claimed by HEI

3.6.3 Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., during the last five years (including Government initiated programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. and those organised in collaboration with industry, community and NGOs)

3.6.3.1. Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., year-wise during the last five years

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
17	36	28	13	28

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
11	35	27	13	27

Remark : Observation accepted and Edited as per suggestion

3.6.4 Average percentage of students participating in extension activities listed at 3.6.3 above during the last five years

3.6.4.1. Total number of students participating in extension activities listed at 3.6.3 above year-wise during the last five years.

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
4727	1405	1294	532	1551

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
4727	1405	1294	0532	1551

Remark : Observation accepted ;but unable to count and verify as no detailed student list provided

4.2.3 Average annual expenditure for purchase of books/ e-books and subscription to journals/e-journals during the last five years (INR in Lakhs)

4.2.3.1. Annual expenditure of purchase of books/e-books and subscription to journals/e-journals year wise during last five years (INR in Lakhs)

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
4.00	1.45	2.52	2.65	4.55

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
0	0	0	0	0

Remark : Observation accepted Above expenses is not reflected in expenses statement(Refer 4.5) so edited to zero

4.2.4 Percentage per day usage of library by teachers and students (foot falls and login data for online access) during the last completed academic year

4.2.4.1. Number of teachers and students using library per day over last one year

Answer before DVV Verification : 3

Answer after DVV Verification: 5

Remark : New Figure provided by HEI is 5.13 so edited Observation noted and verified

4.3.3 Bandwidth of internet connection in the Institution.

Answer before DVV Verification : ?50 MBPS

Answer After DVV Verification: 35 MBPS - 50 MBPS

Remark : Observation noted. Bill dated 1/1/19 shows 50 MBPS connection

4.3.4	<p>Institution has the following Facilities for e-content development</p> <ol style="list-style-type: none"> 1. Media centre 2. Audio visual centre 3. Lecture Capturing System(LCS) 4. Mixing equipments and softwares for editing <p>Answer before DVV Verification : A. All of the above Answer After DVV Verification: B. 3 of the above Remark : Observation noted . No proof /evidence for mixing /editing software so considered option B</p>																				
5.1.4	<p>Average percentage of students benefited by career counseling and guidance for competitive examinations offered by the Institution during the last five years.</p> <p>5.1.4.1. Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years</p> <p>Answer before DVV Verification:</p> <table border="1" data-bbox="306 952 1046 1084"> <thead> <tr> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> </tr> </thead> <tbody> <tr> <td>2266</td> <td>4720</td> <td>461</td> <td>666</td> <td>433</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1" data-bbox="306 1167 1046 1299"> <thead> <tr> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> </tr> </thead> <tbody> <tr> <td>1428</td> <td>3194</td> <td>105</td> <td>0</td> <td>0</td> </tr> </tbody> </table> <p>Remark : Observsation accepted .Edited by removing Placement activities</p>	2019-20	2018-19	2017-18	2016-17	2015-16	2266	4720	461	666	433	2019-20	2018-19	2017-18	2016-17	2015-16	1428	3194	105	0	0
2019-20	2018-19	2017-18	2016-17	2015-16																	
2266	4720	461	666	433																	
2019-20	2018-19	2017-18	2016-17	2015-16																	
1428	3194	105	0	0																	
5.2.2	<p>Percentage of student progression to higher education (previous graduating batch).</p> <p>5.2.2.1. Number of outgoing student progressing to higher education.</p> <p>Answer before DVV Verification : 277 Answer after DVV Verification: 278</p>																				
5.3.3	<p>Average number of sports and cultural events / competitions organised by the institution per year</p> <p>5.3.3.1. Number of sports and cultural events / competitions organised by the institution year - wise during the last five years.</p> <p>Answer before DVV Verification:</p> <table border="1" data-bbox="306 1897 1046 2029"> <thead> <tr> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>5</td> <td>9</td> <td>9</td> <td>5</td> </tr> </tbody> </table>	2019-20	2018-19	2017-18	2016-17	2015-16	5	5	9	9	5										
2019-20	2018-19	2017-18	2016-17	2015-16																	
5	5	9	9	5																	

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
2	3	5	5	5

Remark : Observation accepted . Edited as per suggestions

6.2.3 **Implementation of e-governance in areas of operation**

1. **Administration**
2. **Finance and Accounts**
3. **Student Admission and Support**
4. **Examination**

Answer before DVV Verification : A. All of the above

Answer After DVV Verification: B. 3 of the above

Remark : Observation accepted

6.3.2 **Average percentage of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the last five years.**

6.3.2.1. **Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during the last five years**

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
70000	43500	32500	27000	152000

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
0	0	0	0	0

Remark : Observation accepted . Expenditure is not reflected in Income & exp.Statement

6.4.2 **Funds / Grants received from non-government bodies, individuals, philanthropists during the last five years (not covered in Criterion III and V) (INR in Lakhs)**

6.4.2.1. **Total Grants received from non-government bodies, individuals, Philanthropers year-wise during the last five years (INR in Lakhs)**

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
1.25	5.68	54.07	0	0

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
1.25	0	0	0	0

Remark : Observation accepted . Golden Jubily celebration fund can not be considered

7.1.5	<p>Green campus initiatives include:</p> <ol style="list-style-type: none"> 1. Restricted entry of automobiles 2. Use of Bicycles/ Battery powered vehicles 3. Pedestrian Friendly pathways 4. Ban on use of Plastic 5. landscaping with trees and plants <p>Answer before DVV Verification : Any 4 or All of the above Answer After DVV Verification: B. 3 of the above Remark : Observation accepted .Geo tag photo do not suport for fist two points</p>
-------	--

7.1.7	<p>The Institution has disabled-friendly, barrier free environment</p> <ol style="list-style-type: none"> 1. Built environment with ramps/lifts for easy access to classrooms. 2. Disabled-friendly washrooms 3. Signage including tactile path, lights, display boards and signposts 4. Assisive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading <p>Answer before DVV Verification : A. Any 4 or all of the above Answer After DVV Verification: B. 3 of the above Remark : Observation accepted . No evidence for point no 2 and 3</p>
-------	--

2.Extended Profile Deviations

ID	Extended Questions																				
1.1	<p>Number of programs offered year-wise for last five years</p> <p>Answer before DVV Verification:</p> <table border="1"> <tr> <td>2019-20</td> <td>2018-19</td> <td>2017-18</td> <td>2016-17</td> <td>2015-16</td> </tr> <tr> <td>51</td> <td>51</td> <td>41</td> <td>40</td> <td>40</td> </tr> </table> <p>Answer After DVV Verification:</p> <table border="1"> <tr> <td>2019-20</td> <td>2018-19</td> <td>2017-18</td> <td>2016-17</td> <td>2015-16</td> </tr> <tr> <td>51</td> <td>51</td> <td>41</td> <td>38</td> <td>38</td> </tr> </table>	2019-20	2018-19	2017-18	2016-17	2015-16	51	51	41	40	40	2019-20	2018-19	2017-18	2016-17	2015-16	51	51	41	38	38
2019-20	2018-19	2017-18	2016-17	2015-16																	
51	51	41	40	40																	
2019-20	2018-19	2017-18	2016-17	2015-16																	
51	51	41	38	38																	
2.2	<p>Number of outgoing / final year students year-wise during last five years</p>																				

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
1063	939	853	899	810

Answer After DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
1063	939	853	899	0810

2.4 **Number of revaluation applications year-wise during last five years**

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
1	10	33	29	34

Answer After DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
15	14	33	29	34

3.1 **Number of courses in all programs year-wise during last five years**

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
1020	1020	898	848	848

Answer After DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
854	854	749	699	699

3.2 **Number of full time teachers year-wise during the last five years**

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
190	190	184	182	181

Answer After DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
188	188	182	180	179

3.3 **Number of sanctioned posts year-wise during last five years**

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
191	190	186	183	182

Answer After DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
191	190	184	182	181

4.2 **Number of seats earmarked for reserved category as per GOI/State Govt rule year-wise during last five years**

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
988	990	895	850	743

Answer After DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
988	990	895	850	0743

4.4 **Total number of computers in the campus for academic purpose**

Answer before DVV Verification : 633

Answer after DVV Verification : 590

4.5 **Total Expenditure excluding salary year-wise during last five years (INR in Lakhs)**

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
788.40	600.54	362.72	418.43	479.77

Answer After DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
627.80	430.83	341.45	307.296	342.776