



# **SELF STUDY REPORT**

**FOR**

**4<sup>th</sup> CYCLE OF ACCREDITATION**

**NATIONAL COLLEGE (AUTONOMOUS),  
TIRUCHIRAPALLI**

TRICHY-DINDUGUL ROAD, OPP. LIC OFFICE, KARUMANDAPAM,  
620001  
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Submitted To

**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**

**BANGALORE**

**January 2024**

# 1. EXECUTIVE SUMMARY

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## 1.1 INTRODUCTION

National College, Tiruchirapalli was founded on 11th June, 1919. The college is located on a sprawling campus of 20.27 acres on the Dindugul main road. It is affiliated to Bharathidasan University, Tiruchirappalli and included in the list of colleges maintained under section 2 (f) and 12 (B) of the UGC Act, 1956. The college became an autonomous institution in the year 2010 and got the autonomous extended to 2031- 2032. The College was first accredited by National Assessment and Accreditation Council (NAAC) at 'A' level in 2005 and Re-Accredited in III Cycle at 'A+' Grade in 2016. The College has also been conferred the rare distinction of 'College with Potential for Excellence' status in 2011. The College has been identified by MHRD, Government of India under Study in India (SII) programme to admit foreign students in various programmes. Currently, the college has 274 dedicated teaching staff, 100 non-teaching staff and about 4700 students on its rolls. As on date, the College offers sixteen Postgraduate Programmes and twenty-three Undergraduate Programmes. Since 2016 the college has successfully produced 198 PhD degree holders. In the last seven years (2016-2023), 676 research articles have been published. The National College obtained **DBT - STAR COLLEGE SCHEME** with a grant of Rs. 105 Lakhs. The **NCIF** (National College Instrumentation Facility) is with high-end equipment like **Scanning Electron Microscope (SEM), GC-MS, HPLC, FT-IR, AAS, XRD**. The Department of Biotechnology is recognized under **DBT PG teaching**. The **National College Culture Collection Centre (N4C)** which holds more than **220 microbial strains**. The **Department of Geology has unique museum** that keeps specimens of Rocks, minerals, fossils, ores, crystals and other geological materials. The Department of English managed as many as 100 students of the English from National College and other colleges in Tamil Nadu as well to have cleared their UGC NET exam during the NAAC assessment period. **Sanskrit**, a classical language belonging to the Indo-Aryan branch of the Indo-European languages, is one of the few departments that came up at the advent of the College in 1919. **National College, though located in urban environment, ironically attracts greater number of rural students. To be ready for the NEP, curriculum is redesigned and kept ready to adopt for four years program recommended in NEP.**

### Vision

The college vision is 'To offer quality higher education to the younger generation, especially from the rural India, who are economically and socially backward, to liberate them from prejudice, oppression and ignorance and to gain knowledge for their bright future.'

### Mission

Its stated mission includes the following:

- ♦ To ignite the young minds with lofty ideals and inspire them to achieve excellence in the chosen field.
- ♦ To facilitate individual growth of students, with accent on character building, through co-curricular and extra-curricular activities.
- ♦ To encourage the students to take up research and help them reach global standards.
- ♦ To provide a congenial atmosphere to study and to learn with infrastructural facilities of high standards.

- To instill in the minds of the students, the sense of Nationalism and to train them in social awareness.

## 1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

### Institutional Strength

National college has a rich history of 104 years. In this institution, tradition and modernity meet in all its academic and cultural practices. An effective management, commitment to nation building, powerful infrastructure in the form of buildings and labs, research culture, knowledge augmentation in the form of endowment lectures, the presence of 195 PhD qualified teachers on its roll (among them 57 are active research supervisors), 11 major research projects from DST (Department of Science and Technology), DBT (Department of Bio-Technology), SERB (Science and Engineering Research Board) and MoES (Ministry of Earth Sciences) attracting more than Rs.2 Crores, 219 research candidates pursuing research in various departments, publications in Scopus-indexed journals and UGC CARE Listed journals, winning of patents by teachers, publication of books authored by teachers from various departments, functional MoUs with institutions and industries, placement in companies and banks, conducting preparatory classes that help students drawn from various institutions to crack NET/JRF exams in the subject English, teachers acting as resource persons to HRDC of various universities, conducting of International Congress on Research in Sports every three years and Republic Day Parade Selection Camps, the college being placed in the 90th position by NIRF in India Rankings 2023, playing host to sports events and special camps of NSS and NCC are some of the strengths of the institution. Five Science Departments of National College obtained **DBT - STAR COLLEGE SCHEME** with a grant of Rs. 105 Lakhs. The **NCIF** (National College Instrumentation Facility) is with high-end equipment like **Scanning Electron Microscope (SEM), GC-MS, HPLC, FT-IR, AAS, XRD**. The Department of Biotechnology and Microbiology is recognized under **DBT PG teaching**. The **National College Culture Collection Centre (N4C)** was initiated in January 2022, which holds more than **220 microbial strains**. The **Department of Geology has unique museum** that keeps specimens of Rocks, minerals, fossils, ores, crystals and other geological materials. The institution provides excellent student support services, including mentoring programs, scholarships, and comprehensive career counseling, ensuring that students receive the necessary guidance and assistance to excel academically and make informed decisions about their future endeavors. The college has signed Memorandums of Understanding (MoUs) with esteemed national and international organizations, fostering collaborations that strengthen research initiatives and promote knowledge exchange.

### Institutional Weakness

Despite concerted efforts, the issue of absenteeism continues to persist. Despite implementing strict measures, such as monitoring attendance and imposing penalties, the problem remains prevalent. Many students display a lack of interest in participating in national or state-level competitive examinations. This lack of motivation hinders their academic progress and overall development. Furthermore, even after securing placements in reputable companies and organizations, there is a significant level of attrition among employees. Within just a few months, many individuals choose to switch jobs, leading to a high turnover rate. This trend not only affects the stability and growth of the organizations but also raises concerns about job satisfaction and career development opportunities for employees. Additionally, a considerable number of teachers are still awaiting approval for their guideship from Bharathidasan University. This delay in the approval process can hinder the progress of both the teachers and their students. It is crucial for the university to streamline and expedite the guideship approval procedure to ensure that teachers can effectively guide and mentor their students. The

aspiration to strengthen revenue generation through consultancy services by leveraging the expertise of faculty members and collaborating with industries and organizations remains a distant dream. Despite recognizing the potential benefits of such collaborations, there are several challenges that need to be addressed. Firstly, implementing effective strategies and incentives is essential to address the weaknesses and convert them into strengths. This may involve providing additional training and resources to faculty members, encouraging research and innovation, and fostering a culture of collaboration and entrepreneurship within the academic community. Moreover, building strong partnerships with industries and organizations requires proactive efforts from both sides. It is crucial to identify common goals and areas of expertise where collaboration can yield mutually beneficial outcomes. This may involve establishing dedicated research centers, organizing joint projects, and facilitating knowledge exchange between academia and industry. Overall, achieving the goal of revenue generation through consultancy services and innovative solutions requires a comprehensive approach that addresses the underlying issues, fosters collaboration, and provides the necessary support and incentives to all stakeholders involved. Only through concerted efforts and a strategic approach can this dream be transformed into a reality

### **Institutional Opportunity**

The institution has a multitude of opportunities to revive existing practices and introduce new ones. One way to achieve this is by implementing mandatory library hours for students, allowing them to explore the vast collection of books available on the shelves. By encouraging students to engage with the library, we can foster a sense of belonging to the knowledge society and promote a love for learning. Additionally, the institution has entered into Memorandums of Understanding (MoUs) with different institutions, including prestigious universities such as Universiti Malaya in Kuala Lumpur and Daffodils University in Dacca. These MoUs can serve as a platform for cooperative learning and collaborative research, benefiting both the institution and its partner institutions. Through these partnerships, a wide range of activities can be undertaken, such as training programs, student and faculty exchanges, and resource sharing, further enhancing the educational experience for all involved. The institution recognizes the immense talent pool available within the college and aims to capitalize on it by offering multidisciplinary and interdisciplinary programs. By combining different fields of study, students can gain a holistic understanding of various subjects and develop a well-rounded skill set. This approach not only enriches the educational experience but also prepares students for the diverse challenges they may face in their future careers. To support research activities within the college, the college management provides seed money for minor research projects. This financial support aims to strengthen the research capabilities of the institution and encourage faculty members to engage in meaningful research endeavors. Furthermore, by providing guidance and training in writing research proposals, the departments can effectively mobilize more research grants. By forging partnerships with funding agencies and research organizations, the institution can secure additional resources to support research initiatives and further contribute to the advancement of knowledge. Looking ahead, the institution plans to construct a new block, which will not only provide more classrooms but also expand the office space. This expansion will accommodate the growing needs of the institution and create a conducive environment for teaching, learning, and administrative activities. The construction of the new block reflects the institution's commitment to continuous improvement and its dedication to providing the best possible facilities for its students and staff.

### **Institutional Challenge**

As the times continue to change, the challenges faced by learners and their attitudes towards education are also evolving. Traditional subjects such as history, economics, botany, zoology, and even mathematics are no longer as popular as they once were. Additionally, there is a noticeable decline in interest in language programs like Tamil and English. To address this issue and make these programs more appealing to learners, the institution should consider introducing sandwich courses or twinning programs. These innovative approaches can help attract more students and cater to their changing preferences.

In line with the Sustainable Development Goals, the institution must strive to provide quality education (SDG 4) that can lead to decent work and economic growth (SDG 8). Furthermore, it is crucial to focus on industry, innovation, and infrastructure (SDG 9) by fostering an environment that supports incubation and the development of start-ups. By actively working towards these goals, the institution can contribute to the overall progress and development of the education sector. Being situated in an educational hub with fierce competition, the institution must continuously innovate to attract students and maintain a strong reputation. This includes enhancing placement opportunities for students, ensuring higher pay packages, and establishing strong industry connections. Additionally, the institution has been recognized by the Ministry of Human Resource Development (MHRD), Government of India, under the Study in India (SII) program to admit foreign students. However, efforts should be made to actively admit students from abroad in order to further diversify the student body and create a global learning environment. Lastly, attracting and retaining competent faculty members is crucial, and this can be achieved through competitive compensation, a supportive work environment, and opportunities for professional growth.

## 1.3 CRITERIA WISE SUMMARY

### Curricular Aspects

- ♦ **National College**, an **Autonomous Institution**, is affiliated with **Bharathidasan University**. The curriculum at National College is designed to meet the **Global, National, Regional, and Local (GNRL)** requirements.
- ♦ It follows the **Choice Based Credit System** and incorporates a **Learning Outcomes-based Curriculum Framework** for syllabus development. The college regularly revises its curricula based on need analysis and guidelines from the **University Grants Commission** and the **Tamil Nadu State Council for Higher Education**.
- ♦ The syllabi are meticulously reviewed and modified to align with the current needs and demands of the job market. To ensure that students stay up-to-date with the rapidly evolving landscape, the college takes proactive measures to revise the syllabi.
- ♦ This involves analyzing the latest developments in various fields, consulting industry experts, and incorporating cutting-edge concepts and technologies into the curriculum. By doing so, students are exposed to the most recent advancements and are better prepared to tackle competitive exams upon graduation.
- ♦ The syllabi also include subjects such as **Professional ethics, Value Education (individual values, social values, mind culture, personal health), Gender Studies, and Environmental Studies**, which promote a healthy mind capable of leading a value-based life while practicing personal and professional ethics with environmental concern.
- ♦ The college provides a student handbook at the beginning of each academic year, which outlines the rules and regulations to be followed by students. National College also emphasizes sustainable development through various on-campus green practices.
- ♦ During the assessment period, the college introduced **866 new courses (67.03)** across all programs and

offered **34 certificate/value added/diploma programs**.

- Out of the **39 programs, 17 programs (43.59) included components of field projects, research projects, or internships in the last five years.**

### Teaching-learning and Evaluation

- The institution actively promotes inclusivity and encourages students from diverse backgrounds to join their academic community.
- To ensure a smooth integration, we have designed a **Student Induction Programme (Bridge Course)** tailored for undergraduate, postgraduate, and out-of-state students to assess students' proficiency in both subject matter and language.
- **Advanced learners** are given the opportunity to take extra credit courses, engage in projects, and participate in various competitive exam coaching and seminars. For **slow learners**, the institution identifies their weaknesses and arranges remedial classes.
- **Experiential Learning** allows students to gain practical knowledge and experience in their field of study. **Participative Learning** is encouraged through seminars, hands-on training, quizzes, and group discussions. The course teachers utilize a **problem-solving** approach that incorporates different techniques to enhance students' analytical, decision-making, and synthesis skills, preparing them for the Job Market.
- To foster creativity and critical thinking, Brainstorming Sessions and Panel Discussions are included. In the context of **Project Based Learning**, final-year postgraduate students engage in individual research projects and micro projects, contributing to the existing body of knowledge.
- The institution provides tools like **Lecture Capturing System**, educational podcasts, films, e-books, and e-content to enhance instruction through ICT-enabled tools.
- The college has a **tutor-ward system (Mentor-Mentee)** in place for many years now. Moreover, the alumni contribute to the students' professional development by facilitating work and job shadowing experiences.
- In the Academic calendar, the academic year is carefully planned in advance through, encompassing a variety of events, with teaching plans maintained by teachers in consultation with the Head of the Department and other teachers handling the same course.
- The implementation of a state-of-the-art examination process at the College has improved transparency and efficiency. Additionally, the College has developed detailed Programme Outcomes for a wide range of courses, including both Undergraduate and Postgraduate programs.
- These outcomes align with the College's vision, mission, and departmental objectives. To ensure the quality of the courses, the College conducts thorough assessments, including the use of the **Student Satisfaction Survey (SSS)**.

### Research, Innovations and Extension

- ♦ The institution has **Research Promotion Policy, Research Ethics Policy, Plagiarism Check Policy and Consultancy Policy in place.**
- ♦ The MoUs signed with various institutions are instrumental in facilitating transfer of knowledge and developing research.
- ♦ The college actively engages in extension activities through organizations like **NSS, NCC**, and various clubs.
- ♦ These activities go beyond the college campus and reach out to villages and schools. The college has

adopted four villages and actively carries out tasks in these areas.

- Additionally, the college provides support to a special school. The institution has successfully established an innovative ecosystem through the implementation of **Indian Knowledge System (IKS)**. The language departments like Tamil, Hindi and Sanskrit impart the traditional forms of knowledge to students. Sukla Yajur Veda was taught at Sri Sargunar Vedha Padasala that functioned from 2017 to 2022. M.Sc (Yoga) programme offered by the Department of Physical Education is completely based on Indian Knowledge System.
- An **IPR** awareness workshop was conducted. As a part of National Intellectual Property Awareness Mission (NIPAM), a programme was organized in association with Intellectual Property Office, Chennai.
- In addition to aiding the flood-affected individuals in the college neighborhood, our college also extended its support to those affected in various other regions, both within and outside Tamil Nadu.
- Furthermore, the Department of Physical Education collaborates with an NGO called **Prisoners' Rights Intervention Support Mission (PRISM)** to offer psychological intervention to inmates at the Tiruchirappalli central jail. From 2021-22 onwards, college encourage research activities through seed money scheme.
- Fund Received from UGC and other Government Agencies -2017-2023: During the assessment period an amount of **Two Crores and Eighty Lakhs** has been received from the University Grants Commission, BST-SERB, DBT, and Ministry of Earth Science. Besides, The DBT has sanctioned One Crore and Thirty lakhs for M.Sc Biotechnology Programme and One Crore and Four lakhs for STAR College Scheme for our College.

## Infrastructure and Learning Resources

- ♦ The college has land area of 82063 square metres and the built-up area is 34,742 square metres. The playground has 32,390 square metres of area. The college has 107 classrooms and 3 auditoria (two air conditioned and one non-air conditioned).The College has an open-air auditorium, one amphitheater, a yoga centre, a gym and two stadia.
- ♦ All the science departments have laboratories. The **National College Instrumentation Facility (NCIF)** is a state-of-the-art facility that offers cutting-edge equipment for research and project work. Moreover, there are also **DST/MoE Sponsored Scheme Labs**, such as the Geobiotech Lab, Genetic Lab, and Coordination and Bioinorganic Chemistry Research Lab.
- ♦ In all 445 computers are available for the exclusive use of students and teachers.
- ♦ Area of the Library (3 Floors) is 20,070 Sq. Ft. The college library has a collection of 1,36,080 volumes, including books (1,24,612), journals, Ph.D. theses (607), back volumes (5236), periodicals, non-book materials, etc. Over 2666 rare books published prior to 1925 are also available. Rare collection includes 45 palm leaf manuscripts dating from the 18th century. Library utilizes **ROVAN LMS** software. The library has subscriptions to e-Books/e-Journals/e-Resources via **N-List, DELNET, SAGE**. The Library is equipped with **CheckForPlag** Software for Plagiarism
- ♦ The College has implemented a comprehensive IT Policy. Jio provides the Wi -Fi service.The bandwidth speed is 200 MBPS with Mikrotik Cloud Core 1036-12g-4S as router.There are 64 access points. Institutional mail ID (xxxxx@nct.ac.in) is provided to staff/students in Google domain. Biometric based Attendance System is in place for staff.
- ♦ The Gallery Hall at the college has the highly advanced SONY PXW-Z90V B Digital Video Camera, ensuring high-quality video production. National College boasts of an Official Media or YouTube Channel.
- ♦ The classrooms are maintained by the Faculty and support/technical staff. The lecture rooms and

seminar halls on campus are well-maintained by a dedicated team, led by the campus manager. The librarian and their team are in charge of procuring books for the library's collection and organizing them in the stack rooms and reference sections. The maintenance and construction work for civil, mechanical, and electrical aspects are handled by their respective units.

### Student Support and Progression

- Career counselling is carried out by teachers, tutors, placement officers, and invited counsellors.
- To provide a concrete example, the Department of Geology witnessed a remarkable feat as 11 students triumphantly cleared the **Tamil Nadu Public Service Commission Exam** in 2018 and in 2022
- Students at our institution are actively involved in various decision-making bodies, such as the Board of Studies for all departments and the Internal Quality Assurance Cell (IQAC).
- Additionally, each degree program has its own association, which consists of both student members and faculty members appointed by the Head of the Department.
- In addition to the departmental associations, students have the opportunity to become part of a wide range of clubs and organizations on campus. These clubs include the drama club, fine arts club, quiz club, youth red cross, gender club, Exnora, Red ribbon and Abstinence club, journal club, Rotaract, and Jaycees. Joining these clubs allows students to explore their interests and passions beyond their academic studies.
- By actively participating in these clubs and organizations, students not only broaden their horizons but also develop a well-rounded skill set that will benefit them in their future endeavors.
- The National College Old Boy's Association has a long-standing history of bringing together former students to show their gratitude towards their alma mater. During this annual meeting, the association recognizes outstanding alumni by presenting them with the prestigious Best Alumnus Award.
- One notable contribution is the erection of a 100 feet flag mast, proudly displaying a giant national flag that flutters majestically. This symbolizes the deep-rooted patriotism and love for the nation that the alumni hold dear.
- The National College Old Boy's Association plays a vital role in fostering a sense of unity and gratitude among former students. Through their annual meetings, recognition awards, infrastructure contributions, endowment prizes, mentorship programs, and special lectures, the alumni association continues to strengthen the bond between the college and its alumni. Their collective efforts ensure that the institution thrives and remains a source of pride for all those associated with it.

### Governance, Leadership and Management

- ♦ The college is a unit of Dr.V.Krishnamurthy Educational Foundation. The College Committee is the ultimate authority in all decision making.
- ♦ The Vision and Mission of the College served as the driving force behind its successful achievement of the farsighted Perspective Plans for the assessment period (2017-2023).
- ♦ The next strategy is to achieve the status of "College of Excellence" by achieving better standards of teaching by integrating ICT and LMS for all the courses at the undergraduate and postgraduate level.
- ♦ The institution has a well-structured Organogram that provides a clear overview of the Organizational Structure of the Institution.
- ♦ The Academic Council is responsible for handling all academic matters within the institution.
- ♦ Heads and Faculty Members: The Heads of Departments play a crucial role in providing academic guidance and direction.

- **Statutory Welfare Measures:** The teachers can avail all forms of leave, including casual leave, medical leave, earned leave, maternity leave etc. **Non-Statutory Employee Benefits:** In order to support the well-being of our self-financed teachers, we have implemented a range of non-statutory welfare measures. **Employee Welfare Measures:** Taking into account their academic progress indicator, the teachers' names are recommended for career advancement.
- **Infrastructure Facilities:** Staff members are provided with complimentary access to a cutting-edge indoor stadium and gymnasium, which are equipped with state-of-the-art facilities.
- **Other Welfare Measures:** A delightful lunch gathering is arranged for both teaching and non-staff members on the final working day of each semester, fostering a sense of togetherness.
- **Aided Stream:** The Government provides financial support for the aided stream, ensuring that funds are available to sustain their operations. **Self-Financed Stream (Unaided Programme):** The fees paid by these students are utilized to cover the salaries of both teaching and non-teaching staff within the Self-Financed stream
- During the assessment period an amount of Two Crores and Eighty Lakhs has been received from the University Grants Commission, BST-SERB, DBT, and Ministry of Earth Science. Besides, The DBT has sanctioned One Crore and Thirty lakhs for M.Sc Biotechnology Programme and One Crore and Four lakhs for STAR College Scheme for our College
- The College has implemented a robust system for conducting both Internal and External Audits.
- The IQAC has undertaken measures to ensure the successful implementation of the Institution's long-term plans outlined in the previous Perspective Plan.

### **Institutional Values and Best Practices**

- ♦ In 2007, co-education was introduced and girls were admitted in large numbers. The gender club meets periodically and sensitizes the female students of job opportunities, pursuing of higher education and avoidance of early marriages. College has taken several measures to enhance safety and security of women on campus by constituting women's cell.
- ♦ Gender Studies Course (U19GS) is mandatory for all Students in the Semester VI of the UG Programme across disciplines. The College's admissions process is merit-based, with no gender discrimination.
- ♦ The college prioritizes eco-friendliness with a green campus featuring lawns, medicinal plants, and native trees. Students and staff engage in programs like Swachh Bharat Abhiyan, Swachhta Pakhwada, and awareness rallies for a cleaner environment.
- ♦ Wastes of solid, liquid, biomedical, "E" are properly managed and disposed through standard disposal procedure.
- ♦ In all the blocks, there are ramps and special toilet for the use of the differently-abled. Our college Library has NVDA (NonVisual Desktop Access) facility.
- ♦ Festivals like Pongal and Saraswathi Pooja, Teacher's day, Fresher's Day, Farewell Day, Women's day, and Yoga day are jointly celebrated by both staff and students.
- ♦ National college sensitizes the students to the constitutional obligations, rights, duties, and responsibilities of citizens which enable them to live as responsible citizens.
- ♦ Students took part in the sensitization programmes related to road safety, Child Rights and Protection, Traffic rules awareness and Social Impact of corruption.
- ♦ The staff and students actively contribute to the state and nation whenever necessary, including assisting during health camps, supporting healthcare centers during the COVID-19 pandemic, and participating in election-related activities.
- ♦ Two best Practices: 1 "Learning for All: Equitable and Inclusive Education for Students with Special Needs" and 2. "Preparatory and Revision Classes for NET /JRF aspirants in the Subject English"

- ♦ Institutional Efforts: A. Foster a deep-rooted commitment to serving others within each and every student. B. Encouraging students to develop a comprehensive comprehension of education's broader purpose is of utmost importance. C. Encourage students to fully embrace their role as responsible citizens who are deeply connected to the needs and aspirations of their communities.

## 2. PROFILE

### 2.1 BASIC INFORMATION

Name and Address of the College	
Name	NATIONAL COLLEGE (AUTONOMOUS), TIRUCHIRAPALLI
Address	Trichy-Dindugul Road, Opp. LIC Office, Karumandapam,
City	Tiruchirappalli
State	Tamil Nadu
Pin	620001
Website	<a href="http://nct.ac.in">nct.ac.in</a>

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	K.KUMAR	0431-2482995	9443187019	0431-248199 7	principal@nct.ac.in
IQAC / CIQA coordinator	D.E.Benet	0431-2483833	9443248012	0431-248199 7	iqac@nct.ac.in

Status of the Institution	
Institution Status	Grant-in-aid

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	11-06-1919

'Autonomy'				
Date of grant of 'Autonomy' to the College by UGC		15-03-2022		
<b>University to which the college is affiliated</b>				
<b>State</b>	<b>University name</b>	<b>Document</b>		
Tamil Nadu	Bharathidasan University	<a href="#">View Document</a>		
<b>Details of UGC recognition</b>				
<b>Under Section</b>	<b>Date</b>	<b>View Document</b>		
2f of UGC	07-10-2005	<a href="#">View Document</a>		
12B of UGC	07-10-2005	<a href="#">View Document</a>		
<b>Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)</b>				
<b>Statutory Regulatory Authority</b>	<b>Recognition/Approval details Institution/Department programme</b>	<b>Day,Month and year(dd-mm-yyyy)</b>	<b>Validity in months</b>	<b>Remarks</b>
No contents				

<b>Recognitions</b>	
Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	Yes
If yes, date of recognition?	16-09-2011
Is the College recognized for its performance by any other governmental agency?	No

<b>Location and Area of Campus</b>				
<b>Campus Type</b>	<b>Address</b>	<b>Location*</b>	<b>Campus Area in Acres</b>	<b>Built up Area in sq.mts.</b>
Main campus area	Trichy-Dindugul Road, Opp. LIC Office, Karumandapam,	Urban	20.27	34742

## 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	BCom,School Of Commerce,Computer Application Unaided	36	HSC	English	60	57
UG	BCom,School Of Commerce,Business Process Service Unaided	36	HSC	English	60	32
UG	BCom,School Of Commerce,Commerce Unaided	36	HSC	English	200	185
UG	BBA,School Of Commerce,Business Administration Additional Section Unaided	36	HSC	English	60	45
UG	BMS,School Of Commerce,Agri Storage and Supply Chain	36	HSC	English	60	26
UG	BCom,School Of Commerce,Commerce Aided	36	HSC	English	100	22
UG	BBA,School Of Commerce,Business Administration Unaided	36	HSC	English	50	40

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UG	BA,School Of Humanities,English Additional Section I Unaided	36	HSC	English	50	0
UG	BA,School Of Humanities,History Aided	36	HSC	English	50	44
UG	BA,School Of Humanities,English Unaided	36	HSC	English	50	16
UG	BA,School Of Humanities,English Aided	36	HSC	English	40	30
UG	BA,School Of Humanities,Tamil Aided	36	HSC	Tamil	30	29
UG	BA,School Of Humanities,Economics Aided	36	HSC	English	50	48
UG	BSc,School Of Information Technology, Computer Science Additional Section II Unaided	36	HSC	English	60	56
UG	BCA,School Of Information Technology, Computer Application Additional Section I	36	HSC	English	60	58

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	Unaided					
UG	BSc,School Of Information Technology,Information Technology Unaided	36	HSC	English	30	30
UG	BVoc,School Of Information Technology,Information and Communication Technology Unaided	36	HSC	English	30	30
UG	BCA,School Of Information Technology, Computer Application Unaided	36	HSC	English	50	45
UG	BSc,School Of Information Technology, Computer Science Unaided	36	HSC	English	50	50
UG	BSc,School Of Information Technology, Computer Science Additional Section I Unaided	36	HSC	English	60	58
UG	BCA,School Of Information Technology,	36	HSC	English	60	57

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	Computer Applications Additional Section II Unaided					
UG	BSc,School Of Physical Education,Ph ysical Education Additional Section I Unaided	36	HSC	English	60	50
UG	BSc,School Of Physical Education,Ph ysical Education Unaided	36	HSC	English	60	39
UG	BSc,School Of Sciences, Zoology Aided	36	HSC	English	24	18
UG	BSc,School Of Sciences, Biotechnolog y Unaided	36	HSC	English	40	37
UG	BSc,School Of Sciences, Chemistry Aided	36	HSC	English	48	34
UG	BSc,School Of Sciences, Statistics Unaided	36	HSC	English	40	35
UG	BSc,School Of Sciences, Physics Unaided	36	HSC	English	40	0
UG	BSc,School Of Sciences, Microbiology Unaided	36	HSC	English	40	40

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UG	BSc,School Of Sciences, Chemistry Unaided	36	HSC	English	40	13
UG	BSc,School Of Sciences, Botany Aided	36	HSC	English	24	17
UG	BSc,School Of Sciences, Zoology Unaided	36	HSC	English	40	4
UG	BSc,School Of Sciences, Physics Aided	36	HSC	English	48	23
UG	BSc,School Of Sciences, Mathematics Unaided	36	HSC	English	50	0
UG	BSc,School Of Sciences, Geology Aided	36	HSC	English	40	30
UG	BSc,School Of Sciences, Mathematics Additional Section I Unaided	36	HSC	English	60	0
UG	BSc,School Of Sciences, Geology Unaided	36	HSC	English	40	14
UG	BSc,School Of Sciences, Mathematics Aided	36	HSC	English	60	15
PG	MCom,School Of Commerce Unaided	24	UG	English	25	25

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PG	MCom,School Of Commerce,Financial Management	24	UG	English	35	3
PG	MCom,School Of Commerce,Commerce Aided	24	UG	English	20	17
PG	MA,School Of Humanities,Economics Aided	24	UG	English	25	8
PG	MA,School Of Humanities,Tamil Aided	24	UG	Tamil	25	5
PG	MA,School Of Humanities,English Aided	24	UG	English	20	13
PG	MSc,School Of Information Technology, Computer Science Unaided	24	UG	English	60	37
PG	MSc,School Of Physical Education,Yoga Unaided	24	UG	English	25	6
PG	MSc,School Of Sciences, Applied Geology Aided	24	UG	English	20	20
PG	MSc,School Of Sciences, Zoology Unaided	24	UG	English	20	5
PG	MSc,School Of Sciences,	24	UG	English	25	20

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	Biotechnology Unaided					
PG	MSc,School Of Sciences, Analytical Chemistry Unaided	24	UG	English	25	14
PG	MSc,School Of Sciences, Applied Geology Unaided	24	UG	English	25	12
PG	MSc,School Of Sciences, Chemistry Aided	24	UG	English	16	14
PG	MSc,School Of Sciences, Mathematics Unaided	24	UG	English	25	3
PG	MSc,School Of Sciences, Mathematics Aided	24	UG	English	25	22
PG	MSc,School Of Sciences, Chemistry Additional Section I Unaided	24	UG	English	20	0
PG	MSc,School Of Sciences, Botany Aided	24	UG	English	14	14
PG	MSc,School Of Sciences, Microbiology Unaided	24	UG	English	25	19
PG	MSc,School Of Sciences, Physics Unaided	24	UG	English	25	7

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PG	MSc,School Of Sciences, Physics Aided	24	UG	English	25	22
PG	MSc,School Of Sciences, Chemistry Unaided	24	UG	English	40	35
Doctoral (Ph.D)	PhD or DPhil,School Of Commerce,Commerce FT PT	36	PG	English	28	25
Doctoral (Ph.D)	PhD or DPhil,School Of Humanities,Tamil FT PT	36	PG	Tamil	46	26
Doctoral (Ph.D)	PhD or DPhil,School Of Humanities,English FT PT	36	PG	English	34	34
Doctoral (Ph.D)	PhD or DPhil,School Of Humanities,Economics FT PT	36	PG	English	10	4
Doctoral (Ph.D)	PhD or DPhil,School Of Information Technology, Computer Science FT PT	36	PG	English	12	11
Doctoral (Ph.D)	PhD or DPhil,School Of Physical Education,Physical Education FT PT	36	PG	English	4	4

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Doctoral (Ph.D)	PhD or DPhil,School Of Sciences, Chemistry FT PT	36	PG	English	46	5
Doctoral (Ph.D)	PhD or DPhil,School Of Sciences, Mathematics FT PT	36	PG	English	28	16
Doctoral (Ph.D)	PhD or DPhil,School Of Sciences, Zoology FT PT	36	PG	English	10	5
Doctoral (Ph.D)	PhD or DPhil,School Of Sciences, Geology FT PT	36	PG	English	22	3
Doctoral (Ph.D)	PhD or DPhil,School Of Sciences, Botany FT PT	36	PG	English	36	10
Doctoral (Ph.D)	PhD or DPhil,School Of Sciences, Physics FT PT	36	PG	English	38	22
Doctoral (Ph.D)	PhD or DPhil,School Of Sciences, Biotechnology FT PT	36	PG	English	4	4
Pre Doctoral (M.Phil)	MPhil,School Of Humanities,Economics FT PT Aided	12	PG	English	20	1
Pre Doctoral (M.Phil)	MPhil,School Of Humanit	12	PG	Tamil	20	0

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	ies,Tamil FT PT Aided					
Pre Doctoral (M.Phil)	MPhil,School Of Sciences ,Mathematics FT PT Aided	12	PG	English	20	2

**Position Details of Faculty & Staff in the College**

<b>Teaching Faculty</b>												
	<b>Professor</b>				<b>Associate Professor</b>				<b>Assistant Professor</b>			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	0				0				127			
Recruited	0	0	0	0	0	0	0	0	77	30	0	107
Yet to Recruit	0				0				20			
Sanctioned by the Management/Soci ety or Other Authorized Bodies	0				0				196			
Recruited	0	0	0	0	0	0	0	0	121	75	0	196
Yet to Recruit	0				0				0			

<b>Non-Teaching Staff</b>						
	<b>Male</b>		<b>Female</b>		<b>Others</b>	<b>Total</b>
Sanctioned by the UGC /University State Government						67
Recruited	11		4		0	15
Yet to Recruit						52
Sanctioned by the Management/Society or Other Authorized Bodies						58
Recruited	38		20		0	58
Yet to Recruit						0

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<b>Technical Staff</b>				
	<b>Male</b>	<b>Female</b>	<b>Others</b>	<b>Total</b>
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				22
Recruited	0	0	22	22
Yet to Recruit				0

**Qualification Details of the Teaching Staff**

<b>Permanent Teachers</b>										
<b>Highest Qualification</b>	<b>Professor</b>			<b>Associate Professor</b>			<b>Assistant Professor</b>			<b>Total</b>
	<b>Male</b>	<b>Female</b>	<b>Others</b>	<b>Male</b>	<b>Female</b>	<b>Others</b>	<b>Male</b>	<b>Female</b>	<b>Others</b>	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	31	9	0	119	74	0	233
M.Phil.	0	0	0	3	0	0	21	35	0	59
PG	0	0	0	0	0	0	4	8	0	12
UG	0	0	0	0	0	0	0	0	0	0

**Self Study Report of NATIONAL COLLEGE (AUTONOMOUS), TIRUCHIRAPALLI**

<b>Temporary Teachers</b>										
<b>Highest Qualification</b>	<b>Professor</b>			<b>Associate Professor</b>			<b>Assistant Professor</b>			<b>Total</b>
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	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
UG	0	0	0	0	0	0	0	0	0	0

<b>Part Time Teachers</b>										
<b>Highest Qualification</b>	<b>Professor</b>			<b>Associate Professor</b>			<b>Assistant Professor</b>			<b>Total</b>
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	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
UG	0	0	0	0	0	0	0	0	0	0

<b>Details of Visting/Guest Faculties</b>					
<b>Number of Visiting/Guest Faculty engaged with the college?</b>	<b>Male</b>		<b>Female</b>		<b>Total</b>
	3		0		3

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

**Self Study Report of NATIONAL COLLEGE (AUTONOMOUS), TIRUCHIRAPALLI**

<b>Programme</b>		<b>From the State Where College is Located</b>	<b>From Other States of India</b>	<b>NRI Students</b>	<b>Foreign Students</b>	<b>Total</b>
UG	Male	1195	0	0	0	1195
	Female	282	0	0	0	282
	Others	0	0	0	0	0
PG	Male	211	4	0	0	215
	Female	110	2	0	0	112
	Others	0	0	0	0	0
Doctoral (Ph.D)	Male	0	0	0	0	0
	Female	0	0	0	0	0
	Others	0	0	0	0	0
Pre Doctoral (M.Phil)	Male	1	0	0	0	1
	Female	2	0	0	0	2
	Others	0	0	0	0	0

<b>Provide the Following Details of Students admitted to the College During the last four Academic Years</b>					
<b>Category</b>		<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Year 4</b>
SC	Male	201	188	222	212
	Female	72	69	90	77
	Others	0	0	0	0
ST	Male	6	8	4	11
	Female	3	2	3	4
	Others	0	0	0	0
OBC	Male	1053	900	1149	1114
	Female	313	232	329	247
	Others	0	0	0	0
General	Male	46	44	70	50
	Female	4	12	13	10
	Others	0	0	0	0
Others	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
<b>Total</b>		<b>1698</b>	<b>1455</b>	<b>1880</b>	<b>1725</b>

## 2.3 EVALUATIVE REPORT OF THE DEPARTMENTS

<b>Department Name</b>	<b>Upload Report</b>
School Of Commerce	<a href="#">View Document</a>
School Of Humanities	<a href="#">View Document</a>
School Of Information Technology	<a href="#">View Document</a>
School Of Physical Education	<a href="#">View Document</a>
School Of Sciences	<a href="#">View Document</a>

### Institutional preparedness for NEP

<p>1. Multidisciplinary/interdisciplinary:</p>	<ul style="list-style-type: none"> <li>• The institution is aware of its responsibility to provide quality higher education that will contribute to the development of holistic individuals who in turn will contribute to national economy, prosperity and social cohesiveness. It envisages multidisciplinary undergraduate programmes and knowledge hubs in the near future.</li> <li>• The college organized a talk and discussion on the draft National Educational Policy on 11.08.2019 with Dr.M.G.Sethuraman, Professor, Department of Chemistry, Gandhigram Rural Institute, as the resource person. It was followed by a panel discussion on 24.08.2019 with five Vice Chancellors (Dr. P. Manisankar – Bharathidasan University; Dr.M.K.Surappa – Anna University; Dr.N.Rajendran – Alagappa University; Dr.M.Krishnan – Madurai – Kamaraj University; Dr.K.Parthasarathy – Tamilnadu Open University) from the state universities of Tamilnadu, the Director of NIT -Trichy (Dr. Mini Shaji Thomas), Dr.Priya Narayanan, Assistant Advisor, National Assessment and Accreditation Council and Shri. Vinod Karuvarakundu, member, National Monitoring Committee on Education as participants.</li> <li>• Consilience between the humanities and the sciences can be achieved when there is greater autonomy and academic flexibility and the institution is prepared to revamp the curriculum after proper orientation of all the stakeholders.</li> <li>• A small beginning has already been made in the form of Non-Major Electives to promote interdisciplinary thinking. Courses like B.Com (Computer Applications), B.Sc (Biotechnology), B.Sc (Microbiology), M.Sc (Microbiology), M.Sc (Biotechnology) and M.Sc (Analytical Chemistry) are cross disciplinary with the accent on more than one subject.</li> <li>• B.Voc (Information and Communication Technology), BPS (Business Process Service) and BMS (Agri Storage and Supply Chain) are the vocational subjects or programmes that are offered at the undergraduate level at present. More such programmes will be introduced in the coming years as the awareness level increases.</li> </ul>
<p>2. Academic bank of credits (ABC):</p>	<ul style="list-style-type: none"> <li>• The college signed an agreement with National Depository Services on 03.01.2018. The curriculum follows the Choice Based Credit System and the cafeteria model that was introduced in 1999. In recent years, it has taken into account Learning Outcomes-</li> </ul>

	<p>based Curriculum Framework for framing syllabus. • An undergraduate student earns a minimum of 140 credits and a postgraduate student a minimum of 90 credits. Besides, the institution offers the following value-added courses in the form of certificate and diploma courses: 1. Certificate Course in Journalism and Editing 2. Certificate Course in R Programming 3. Certificate Course in Library and Information Science 4. Diploma Course in the Teaching of English 5. Postgraduate Diploma in Bioprocess Technology 6. Postgraduate Diploma in Analytical Chemistry 7. Postgraduate Diploma in Medical Laboratory Technology • The credits earned are added to the minimum credits earned at the end of Undergraduate and Postgraduate programmes. Also, students earn extra credits by joining any MOOC whether it is SWAYAM or NPTEL that results in cross-disciplinary learning. Nearly 300 students have enrolled themselves in online courses.</p>
<p>3. Skill development:</p>	<p>• Skill Based Elective is offered by all the departments with the focus on upskilling their students in Semester II and Semester III. The language departments also focus on the development of language skills. • Programs like BMS and BPS are exclusively focused on skill development. The BMS programme is run in association with National Skill Development Corporation (NSDC). • Soft Skills like interpersonal skills, presentation skills, people skills and life skills are interwoven in the curriculum. Soft Skills is offered as an exclusive paper in semester V for all the undergraduates. • Students are also encouraged to enroll themselves in skill development courses offered by NSDC and Tamilnadu Skill Development Corporation. • Departments like Computer Science, Computer Applications, Information Technology and B.Voc have exclusive agreements with external agencies to develop the skills of their students.</p>
<p>4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):</p>	<p>• The college has taken steps to integrate Indian Knowledge System in the curriculum. The language departments like Tamil, Sanskrit and Hindi have already incorporated Indian language and culture in their courses. Departments like History, Economics, Botany and Zoology too have exposed the students to the native knowledge of history, micro level economic planning, flora and fauna. • Value Education taught in Semester IV imparts Indian</p>

	<p>values and ethos to the students. • M.Sc (Yoga), offered by the Department of Physical Education, is completely based on Indian Knowledge System. The ‘Yoga and Meditation’ centre regularly invites yoga experts to share their knowledge with others. • Dr.N.Rajendran, Vice Chancellor, Alagappa University delivered the Prof. K.A. Nilakanta Sasthri Memorial Endowment lecture on the topic “Indian Knowledge System :A Historical Perspective” on 3rd September 2018, setting the tone to incorporate Indian Knowledge System. • Dr. R. Kalamegham Centre for Studies on Indian Culture and Heritage and Sri Sarguneswarar Vedha Patashala which functioned on campus offered Sukla Yajur Veda under the guidance and supervision of the Vedic scholar Shri. Navnath Joshi. • The college library has rare palm-leaf manuscripts on Siddha, Ayurveda and mantra in Grantha.</p>
<p>5. Focus on Outcome based education (OBE):</p>	<p>• The college Academic Council decided to implement OBE in the curriculum from the academic year 2019-2020 onwards. The Board of Studies of every department that met in 2022 to design the curriculum had ensured that the department’s vision and mission are well aligned with the Programme Specific Outcomes, and Programme Outcomes. • The course objectives, the course content and Course Outcomes are spelt out in clear language and examined in the presence of university nominee and subject experts. CO and PO mapping are done, based on Revised Bloom’s Taxonomy and Graduate Attributes. The course coordinators also set model question papers, taking into account both Higher Order Thinking Skills and Lower Order Thinking Skills. The syllabus copy of every course in each programme is displayed on the college web site. • The students’ attainment is measured through their performance in the Internal Assessment tests, end-of-the-semester examinations and their participation in all the academic activities of the department and outside the department. There are other indicators like their progression to higher studies, selection by campus recruiters, performance in competitive examinations and so on. • Though industry-academy linkages are minimal, departments like Bio-technology Analytical Chemistry and Computer Science have already designed their curriculum to prepare the students to meet the demands of industry.</p>

<p>6. Distance education/online education:</p>	<ul style="list-style-type: none"> <li>• The college conducted classes through the online mode during the pandemic period. During this time the departments and teachers developed various methodologies to conduct courses online. They include delivery of lectures, learning materials, online assignments, quizzes, exams, etc.</li> <li>• There is an effective learning environment and inside the classroom the teachers evolve their own pedagogical practices incorporating even ICT and AI tools. All the classrooms have appropriate infrastructure for ICT enabled Tools and blended learning is in place.</li> <li>• The Departments make use of the Google Classroom, Zoom platform, Socrative, Near-pod, Quizlet, WebQuest, etc. One of the good practices is making online written quiz compulsory for all classes.</li> <li>• E-library feature is integrated with ROVAN LMS software in the year 2021. This feature is used to build the digital library. The E-library contains the subscribed journals, open access full text journals, subscribed and open access e-books as well as Newspaper and magazines. These e-resources are hyper linked to provide convenient access for students, teaching staff and researchers.</li> <li>• A good number of students have already completed SWAYAM and NPTEL courses.</li> </ul>
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**Institutional Initiatives for Electoral Literacy**

<p>1. Whether Electoral Literacy Club (ELC) has been set up in the College?</p>	<ul style="list-style-type: none"> <li>• The college has integrated electoral literacy work with NSS and NCC activities all these years. Social action is part of these groups. Electoral Literacy is very high among the electorate of our state. The government agencies and political parties do their part in educating the young in particular to get the Electoral Photo Identity Card once they attain the age of eighteen through local newspapers, radio and local television channels.</li> <li>• In the college, at the time of Student Induction Programme the students are advised to get the EPIC along with their Aadhaar card and bank passbook. The class tutors are instructed to ensure that all students of their respective classes have EPIC.</li> <li>• Students have been encouraged to exercise their franchise in every election - parliamentary, legislative and panchayat elections, as it is their democratic duty.</li> </ul>
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	<p>Student sensitization programme is carried out by both NSS and NCC volunteers in association with the City Corporation officials. • From the academic year 2023 -2024, onwards the Electoral Literacy Club (ELC) will become functional as a separate entity.</p>
<p>2. Whether students' co-ordinator and co-ordinating faculty members are appointed by the College and whether the ELCs are functional? Whether the ELCs are representative in character?</p>	<ul style="list-style-type: none"> <li>• The students' co-ordinator and co-ordinating faculty members are appointed by the college, ELCs are functional, and ELCs are representative in character.</li> <li>• The NSS and NCC coordinators along with class tutors have ensured that the electoral literacy work is carried out periodically. In a way, electoral literacy work is functional though there is no club as such. Both NSS and NCC have representatives from all sections of the student community. • The ELC has the following office bearers from 2023-2024 onwards: Students' Coordinator: Ms. A. Kodainila – Head of the Department of History Members: Dr. J. Bhuvaneshwari – Assistant Professor of Tamil Dr.A. Mohamed Ashiq – Assistant Professor of Statistics Mr. S. Venkatakrisnan – I B.A.History – Student Representative Ms. V. Dhanushuya - II B.A. English - Student Representative</li> </ul>
<p>3. What innovative programmes and initiatives undertaken by the ELCs? These may include voluntary contribution by the students in electoral processes-participation in voter registration of students and communities where they come from, assisting district election administration in conduct of poll, voter awareness campaigns, promotion of ethical voting, enhancing participation of the under privileged sections of society especially transgender, commercial sex workers, disabled persons, senior citizens, etc.</p>	<ul style="list-style-type: none"> <li>• In the past, students were briefed class wise about Indian Democracy, Constitutional Provisions and Systems of Governance. During the Core Group meetings, the students were instructed well about democratic ideals and the importance of casting one's ballot to elect people's representatives. • In association with the City Corporation officials, the NCC and NSS students conduct awareness rallies on the 25th of January- Voter's Day, every year. • When Padma Shri M.K.Narayanan, former Security Advisor and Governor of Bengal addressed the 100th College Day Celebrations on the 2nd of April 2019, he impressed upon the students to have faith in democratic practices and democratic institutions. • Voters' ID registration was done by the NSS units. For instance, a programme conducted on the 24th and the 25th of July 2017 benefitted 240 students. • Wherever NSS camps are held, it has been made mandatory to hold rallies in the evenings highlighting the necessity of villagers enrolling themselves as voters in the electoral voters' list. As a result, villages like Naachhikurichi, Iniyanur, Pommanisamudram and Cholanganallur have the largest number of eligible voters registered in that legislative constituency. • The college students also</li> </ul>

	<p>distributed handbills supplied by the district administration in the Karumandapam area, promoting ethical voting and participation in the electoral process during the last Loksabha elections in 2019.</p>
<p>4. Any socially relevant projects/initiatives taken by College in electoral related issues especially research projects, surveys, awareness drives, creating content, publications highlighting their contribution to advancing democratic values and participation in electoral processes, etc.</p>	<ul style="list-style-type: none"> <li>• The college has been in the forefront promoting nationalism and democratic values in its 104 years of existence.</li> <li>• The teaching staff willingly undertook assignments as election officials (Presiding Officer (PO), Polling officers 1 and 2 (PO1 &amp; PO2) and fully cooperated with the district administration in the smooth conduct of polls.</li> <li>• The college was also a training centre for the election officials in the operation of EVMs (Electronic Voting Machines) and Voter Verifiable Paper Audit Trail (VVPAT). The college had election booths inside the campus during most of the elections.</li> <li>• The college has a practice of inviting well known democratically elected leaders, people’s representatives, law makers, Judges, police officers, newspaper reporters and editors to address the student community. Thus in the last few years leaders like Trichy N.Siva, Member of Rajya Sabha(10th January 2018, 25th February 2019), L. Ganesan, Member of Rajya Sabha ( 12th February 2018), Mr. Vai Gopalsamy, Member of Rajya Sabha( 28th January 2019), Dr. Subramanian Swamy ,former Member of Rajya Sabha (7th March 2020), Kiran Bedi, Lieutenant Governor of Puducherry (11th January 2018), Dr. Vinay Sahasrabuddhe, President of Indian Council for Cultural Relations and Member of Rajya Sabha (16th April 2018) Honourable E.S.I. Narasimhan, Governor of Andhra Pradesh and Telengana (4th March 2019), Honourable Shri. M. Venkaiah Naidu, Vice President of India (10th January 2020), His Excellency Shri. Banwarilal Purohit, Governor of Tamilnadu (19th February 2020), Shri, Muralidharan, Minister of State for External Affairs (19th February 2020) and many more have addressed our students and shared with them their thoughts on democratic values and governance.</li> </ul>
<p>5. Extent of students above 18 years who are yet to be enrolled as voters in the electoral roll and efforts by ELCs as well as efforts by the College to institutionalize mechanisms to register eligible students as voters.</p>	<ul style="list-style-type: none"> <li>• The class tutors take efforts to ensure that every single eligible student has the EPIC. As of now 80% of the college students have EPIC.</li> <li>• The principal instructs the students a few times through the public address system, during the beginning of every academic year, highlighting the importance of enrolling themselves as voters.</li> <li>• The college has</li> </ul>

made it mandatory for students to possess five important documents namely, College Identity Tag, Aadhaar Card, Bank Passbook, Electoral Photo Identity Card and Driving Licence (must for all those who drive vehicles). The students need to produce them whenever they are called to do so.

## Extended Profile

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### 1 Students

#### 1.1

Number of students on rolls year wise during last five years

2022-23	2021-22	2020-21	2019-20	2018-19
4765	3765	4876	4998	4365
File Description		Document		
Institutional data in the prescribed format (data		<a href="#">View Document</a>		

#### 1.2

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

2022-23	2021-22	2020-21	2019-20	2018-19
1611	1550	1294	1304	1004
File Description		Document		
Institutional data in the prescribed format (data		<a href="#">View Document</a>		

### 2 Teachers

#### 2.1

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

2022-23	2021-22	2020-21	2019-20	2018-19
198	219	169	184	158
File Description		Document		
Institutional data in the prescribed format		<a href="#">View Document</a>		

#### 2.2

Total number of full time teachers worked/working in the institution (without repeat count) during last five years:

**Response: 355**

File Description	Document
Institutional data in the prescribed format	<a href="#">View Document</a>

### 3 Institution

#### 3.1

**Total expenditure excluding salary year wise during the last five years (INR in lakhs)**

2022-23	2021-22	2020-21	2019-20	2018-19
610	647	600	480	796

## 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, regional, national, and global developmental needs, which is reflected in the Programme outcomes (POs) and Course Outcomes(COs) of the Programmes offered by the institution**

**Response:**

**Response:**

National College, an Autonomous Institution, is affiliated to Bharathidasan University. The Curriculum encompasses various aspects of **Global, National, Regional, and Local (GNRL)** requirements. It covers topics such as

- ◆ Detection and identity of microbial disease
- ◆ Vaccine technology
- ◆ Green and environmental chemistry
- ◆ AI/Embedded System/Agent based learning
- ◆ Network Security and Cryptography
- ◆ Environmental Economics
- ◆ Literary Criticism
- ◆ Cloud Computing
- ◆ Sanskrit
- ◆ Mathematical Modeling
- ◆ Fiber optics & Nonlinear optics

Curriculum design and development is carried out following a three-year cycle. It was carried out during the beginning of the academic year in 2016 -2017, 2019-2020 and 2022-2023. The Board of Studies was constituted for each major and it met discussing threadbare every course unit wise for every programme. The courses to teach like major, allied, elective, skill based elective and non-major elective are given due consideration so that they keep evolving. The curriculum follows the **Choice Based Credit System** and the cafeteria model that was introduced in 1999. In recent years, it has taken into account **Learning Outcomes-based Curriculum Framework** for framing syllabus. It provides opportunity for students to choose anyone of the three languages (Tamil, Hindi and **Sanskrit**) of their choice as Part I. English is taught as Part II subject in the first four semesters, focusing mostly on developing Basic Inter Personal Communication Skills and Soft Skills. Skill-based elective papers are offered by the respective departments with the focus on upskilling their students in Semester II and Semester III and a Non-Major Elective in semester IV and V. Environmental Studies is offered in semester I, Value Education in semester IV, Soft Skills as exclusive paper in semester V and Gender Studies in semester VI at the undergraduate level. Allied papers are offered based on relevancy to the major subject or core papers. In all, an undergraduate student will earn a minimum of 140 credits at the end of their study. At the postgraduate level, major papers and elective papers are offered with a mandatory project in the final

semester. The postgraduate students earn a minimum of 90 credits.

- ♦ Each department conducts Board of Studies meeting after initial consultations with the faculty members in the department. It takes cognizance of the needs of the students as well as the expertise available in the department.
- ♦ After a series of meetings in which the course objectives and the course content are examined, the **Programme Specific Outcomes, Programme Outcomes** and **Course Outcomes** are spelt out in clear language and examined in the presence of university nominee and subject experts.
- ♦ CO and PO mapping are done, based on **Revised Bloom's Taxonomy** and Graduate Attributes. Courses offered by the language departments mostly seek to fulfill the language needs.
- ♦ Courses offered by the School of commerce and School of Sciences seek to address the local, the national and international developmental needs.
- ♦ The curricula are revised on the basis of need analysis or after receiving guidelines from the **University Grants Commission** and the **Tamilnadu State Council for Higher Education**. Curricula are evaluated based on the student performance in the examination and feedback from students and employers. The **Academic Council** reviews the above evaluation and recommends for any revision, if needed.
- ♦ The **Curriculum Development Cell** of the institution gives periodic inputs to the Deans and the Heads of the Department.

File Description	Document
Provide Link for Additional information	<a href="#">View Document</a>

### 1.1.2

**The programmes offered by the institution focus on employability/ entrepreneurship/ skill development and their course syllabi are adequately revised to incorporate contemporary requirements**

**Response:**

Response:

- ♦ **Employability** of its graduates is the goal of all higher education institutions. The market demand and willingness to migrate by qualified students to different parts of the country and abroad determine their employment potentials.
- ♦ The curriculum of each department is framed with the intent of improving and increasing the employability of the graduating students. Moreover, the syllabus integrates subject-specific entrepreneurship and skill development, allowing students to pursue entrepreneurship once they finish the course.
- ♦ Normally students enrolled in language programmes like Tamil and English seek to become school teachers or college teachers and they realize their goals.
- ♦ Students of commerce join with the aim of becoming bank officials, chartered accountants,

marketing professionals, financial experts and human resource managers. The curriculum they follow is designed to meet the standards set by bank exams.

- ♦ During the current academic year (2022-2023) 42 students of B.Com and B.Com (Computer Applications) have found jobs in City Union bank in 2023. At the undergraduate level, commerce and commerce with computer application have incorporated specific courses which give knowledge edge to the students.
- ♦ Students who have enrolled themselves in programmes like B.Voc (Information and Communication Technology), BPS (Business Process Service) and BMS (Agri Storage and Supply Chain) have the potentials to find decent jobs. Students of B.Sc (Computer Science), B.Sc (Computer Application) and B.Sc (Information Technology) have found jobs during on campus recruitment.
- ♦ All students of M.Sc (Analytical Chemistry) have found placement at the end of their two-year study with pharmaceutical companies and in Research and Development Centres of drug developers and designers.
- ♦ Students of Biotechnology and Microbiology have always found placements immediately after their education.
- ♦ The Department of Geology has produced some of the finest geologists and it is the only department that has sent a good number of students for higher studies in **IITs** in our country. Besides, the Department of Geology witnessed a remarkable feat as **11 students** triumphantly cleared the **Tamil Nadu Public Service Commission Exam**. Their exceptional performance led to their selection as Assistant Geologists in prestigious departments such as the **Geology and Mining Department, Public Works Department, and Agriculture Engineering Department** in Tamil Nadu. This noteworthy accomplishment was witnessed not only in 2018 but also in 2022, showcasing the department's ability to consistently produce highly skilled professionals. The students' ability to clear the TNPSC exam was facilitated by the geology department curriculum's well-thought-out design.
- ♦ The syllabi have been meticulously reviewed and modified to encompass the current needs and demands of the jobs. Recognizing the importance of staying up-to-date with the rapidly evolving landscape, our college has taken proactive measures to revise the syllabi. This involves analyzing the latest developments in various fields, consulting industry experts, and incorporating cutting-edge concepts and technologies into the curriculum. By doing so, students are exposed to the most recent advancements and are better prepared to tackle all sorts of competitive exams upon graduation.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

## 1.2 Academic Flexibility

### 1.2.1

**Percentage of new courses introduced out of the total number of courses across all programmes offered during the last five years**

**Response:** 67.03

**1.2.1.1 Number of new courses introduced during the last five years:**

Response: 866

**1.2.1.2 Consolidated number of courses offered by the institution across all Programmes (without repeat count) during the last five years :**

Response: 1292

File Description	Document
Subsequent Academic Council meeting extracts endorsing the decision of BOS	<a href="#">View Document</a>
Minutes of Board of Studies meeting clearly specifying the syllabus approval of new courses	<a href="#">View Document</a>
Institutional data in the prescribed format (data template)	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

### 1.3 Curriculum Enrichment

#### 1.3.1

**Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability and other value framework enshrined in Sustainable Development Goals and National Education Policy – 2020 into the Curriculum**

**Response:**

**Response:**

**Professional ethics:** It is ingrained in every teacher's psyche. The teachers are familiar with their service rules which include specific codes of conduct.

Professional ethics finds expression in many ways inside the classroom and in everyday teaching and evaluation practices. Also, it is taught through some of the courses offered including **Research Methodology** at the postgraduate level.

Teachers have always shown the spirit of **equity** and **inclusivity** while treating students. A course on Environmental Studies is offered in Semester I for all the undergraduate students. It introduces students to concepts as varied as natural resources exploitation to sustainability; biodiversity hotspots to conservation ethics; pollution to waste management.

**Value**

**Education:**

The course is typically offered during Semester IV of the undergraduate program, providing students with an introduction to various aspects of life philosophy. It aims to familiarize them with concepts such as **individual values, social values, mind culture**, and the importance of maintaining **personal health**. By exploring these topics, students gain a deeper understanding of the complexities of human existence and the factors that shape our perspectives and behaviors.

**Gender Studies:** Moving forward to Semester VI, students are presented with an opportunity to delve into gender-related issues. This phase of the curriculum aims to broaden their knowledge and awareness of the challenges and inequalities faced by different genders in society. Through critical analysis and discussions, students gain insights into the social, cultural, and historical factors that contribute to gender disparities. This exposure helps them develop a more empathetic and inclusive perspective, enabling them to contribute positively to the ongoing discourse on gender equality.

**Environmental Studies (ES):** It is offered across all UG programmes. The inclusion of Environmental Studies (ES) in all undergraduate programs highlights the importance of environmental awareness and sustainability in today's world. This comprehensive subject delves into a wide range of topics, including the impact of human activities on the environment, the **conservation of natural resources**, and the **promotion of sustainable practices**. By studying ES, students gain a holistic understanding of the interconnectedness between **humans and the environment**, enabling them to make informed decisions and contribute to the preservation of our planet for future generations.

Thus, the curriculum takes care of promoting a healthy mind that is capable of leading a value-based life practicing personal and professional ethics with a lot of environmental concern. Rules and regulations to be followed by students are printed on the student handbook distributed to the students in the beginning of every academic year. Most of the on campus green practices are orientated towards imparting **sustainable development**.

File Description	Document
Provide Link for Additional information	<a href="#">View Document</a>

**1.3.2**

**Number of certificate/value added courses/Diploma Programmes offered by the institutions and online courses of MOOCs, SWAYAM/e-PG Pathshala/ NPTEL and other recognized platforms (without repeat count) where the students of the institution have enrolled and successfully completed during the last five years.**

**Response: 25**

File Description	Document
Institutional programme brochure/notice for Certificate/Value added programs with course modules and outcomes	<a href="#">View Document</a>
Institutional data in the prescribed format (data template)	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

### 1.3.3

**Percentage of programmes that have components of field projects / research projects / internships during the last five years.**

**Response:** 43.59

**1.3.3.1 Total Number of programmes that have components of field projects / research projects / internships (without repeat count) during the last five years**

Response: 17

**1.3.3.2 Total Number of programmes offered (without repeat count) during the last five years**

Response: 39

File Description	Document
Sample Internship completion letter provided by host institutions	<a href="#">View Document</a>
Sample Evaluated project report/field work report submitted by the students	<a href="#">View Document</a>
Program and course contents having element of field projects / research projects / internships as approved by BOS	<a href="#">View Document</a>
Institutional data in the prescribed format (data template)	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

## 1.4 Feedback System

### 1.4.1

**Structured feedback for curriculum and its transaction is regularly obtained from stakeholders like Students, Teachers, Employers, Alumni, Academic peers etc., and Feedback processes of the institution may be classified as follows:**

**Response:** D. Feedback collected

File Description	Document
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

## Criterion 2 - Teaching-learning and Evaluation

### 2.1 Student Enrollment and Profile

#### 2.1.1

##### Enrolment percentage

**Response:** 71.71

##### 2.1.1.1 Number of seats filled year wise during last five years (Only first year admissions to be considered)

2022-23	2021-22	2020-21	2019-20	2018-19
1698	1455	1880	1725	1588

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

2022-23	2021-22	2020-21	2019-20	2018-19
2416	2086	2429	2387	2321

#### File Description

#### Document

Institutional data in the prescribed format (data template)

[View Document](#)

#### 2.1.2

##### Percentage of seats filled against reserved categories (SC, ST, OBC etc.) as per applicable reservation policy for the first year admission during the last five years

**Response:** 88.54

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

2022-23	2021-22	2020-21	2019-20	2018-19
1415	1436	1517	1264	1460

##### 2.1.2.2 Number of seats earmarked for reserved category as per GoI/State Govt. rule year wise

during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
1637	1647	1675	1383	1668

File Description	Document
Institutional data in the prescribed format (data template)	<a href="#">View Document</a>

## 2.2 Catering to Student Diversity

### 2.2.1

**The institution assesses the learning levels of the students and organises special Programmes to cater to differential learning needs of the student**

**Response:**

**Response:**

In order to foster inclusivity and cater to the unique needs of its student body, the institution actively encourages students from different backgrounds to join their academic community. To ensure a successful integration, the institution has developed a Student Induction Programme that is specifically tailored for undergraduate, postgraduate, and students from other states. This program takes into consideration the diverse social, economic, and linguistic backgrounds of the students, providing them with the necessary support and resources to thrive in their academic journey. By acknowledging and embracing the diversity within its student population, the institution aims to create an equitable learning environment where every student can reach their full potential.

**Bridge Course:** The effectiveness of the Bridge Course lies in its ability to assess the aptitude of students by taking into account their proficiency in both subject matter and language. This course serves as a platform for students to grasp the fundamental concepts of the programs they have chosen, with continuous support and guidance through formative assessments. As a result, students are able to have a holistic learning experience. In addition to academic performance and participation in regular classroom activities, student assessment also considers the use of assistive technologies, which are provided to cater to the needs of differently abled students. Bridge Course has been effectively integrated with Student Induction Program.

The Institution implements the following to enhance the **learning levels of the Advanced and Slow Learners.**

- ◆ Students learning levels are continually assessed through class tests, quizzes and written assignments in general. Teaching Beyond the Curriculum helps advanced learners. Many of these students handle seminars and give short oral presentations.

- ♦ **Advanced learners** are encouraged to choose extra credit courses to gain additional knowledge, to do projects outside, and to participate in inter-college and intra-college competitions, in seminars/symposia and paper presentations. It is an essential component of the internal assessment as well. Besides, the college also provides coaching classes for **NET & CSIR** and other competitive examinations. Advanced Learners have the option to gain Extra Credits through selfpaced **Extra Credit Courses and MOOC Courses (NPTEL/Coursera/Udemy)**.
- ♦ For **slow learners**, areas of their weakness are identified, remedial classes are arranged outside the class hours, and their progress is monitored through interaction, assignments and tests. Special classes are held for those backward students by teachers. Slow learners are provided individualised attention, in addition to the scheduled contact hours to speed up their learning through **Remedial Coaching**. Peer teaching in the form of group study is also found to be effective. Effective power point presentation/student seminar is made compulsory for every student in the postgraduate programmes. However, the end-of-the-semester examination is the final assessment for all students.

### 2.2.2

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

**Response:** 24.07

## 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 experience and teachers use ICT- enabled tools including online resources for effective teaching and learning process**

**Response:**

**Response:**

**Experiential Learning:** The implementation of this method enabled students to acquire firsthand knowledge and practical experience in their specific area of study. Engaging in Research Conclaves and Conferences additionally enhances students' ability to connect the information they learn in lectures with real-life scenarios. **Field trips, field work, field surveys, practical laboratory sessions, virtual lab sessions, industrial visits, model exhibitions, and projects** contribute to this process.

**Participative Learning:** Participative learning is a learning approach that enhances critical thinking and deepens understanding of fundamental concepts. Various innovative techniques have been developed by instructors and students to promote participatory learning, such as **individual and group seminars, hands-on training, computer-assisted learning, quizzes, demonstrations, debates, article reviews, group discussions, mock interviews, and creative writing** in magazines and newsletters.

**Problem solving methodology:** The course teachers employ a problem-solving methodology that

incorporates various techniques to enhance students' analytical, decision-making, and synthesis skills, thereby preparing them to meet the demands of the Job Market. To further foster creativity and critical thinking, the course includes **Brainstorming Sessions** and **Panel Discussions**, where students collaborate and exchange ideas to find innovative solutions. Moreover, students are encouraged to deliver innovative presentations that showcase their expertise in their respective fields. This not only enhances their analytical skills but also enables them to stay updated with current trends and challenges in their industry. Overall, the problem-solving methodology employed by the course teachers equips students with the necessary skills to excel in the Job Market and make valuable contributions to their respective fields.

In the context of **Project Based Learning**, the final-year students of postgraduate programmes engage in individual research projects and micro projects, which provide them with a unique opportunity to delve into specific areas of interest and contribute to the existing body of knowledge. Overall, it ensures that students are actively engaged in projects that align with their level of expertise and contribute to their overall growth and development.

Most of the science departments in order to improve the skills and to enhance the first-hand knowledge of their students periodically conduct workshops. At the undergraduate level, hands-on experience and skill development are given importance and the application of theory is tested through such experiential learning. At the postgraduate level, students are assigned tasks like **power point assisted seminars** and **lectures**. Students participate with a lot of enthusiasm and vie with one another to display their learning skills. Brainstorming happens inside the postgraduate classrooms and students are encouraged to solve problems and find solutions. Case study remains a favourite learning methodology in commerce and business administration classrooms. Cooperative learning seems to be a hit with students. When students are asked to do pair work or group activity, they participate with enthusiasm. Such peer learning increases team spirit and encourages knowledge sharing. No student is left behind during such learning exercise and the rural and backward students gain utmost.

**ICT-enabled tools:** The institution offers a **Lecture Capturing System** for students to access recorded lectures. They also have **Video-Conferencing** facilities and **Smart Boards** equipped with navigational software. The institution provides easy access to **MOOCs**. Online teaching is conducted using **Google Meet, Zoom, Microsoft Teams**, etc., especially during the pandemic. Additionally, **educational podcasts and films** are used in classrooms to enhance the quality of instruction, along with **e-books and e-content**.

### 2.3.2

**The institution adopts effective Mentor-Mentee Schemes to address academics and student-psychological issues**

**Response:**

**Response:**

The college has a tutor-ward system (**Mentor-Mentee**) in place for many years now. The teacher (Mentor) who is in-charge of a class has a **WhatsApp** group in which all the students of a particular class are added. The tutor or mentor keeps a close tab on all the students and carefully monitors the academic progress of every student. The mentor monitors the student's regularity of attendance to classes, submission of assignments, performance in the Continuous Internal Assessment Tests, payment of tuition and examination fees and purchase of prescribed books and notebooks. The mentor also passes on information related to campus recruitment and various scholarships. Additionally, the mentor maintains a comprehensive **counseling report** for each of the mentees. This report serves as a valuable record of the guidance and support provided by the mentor throughout the mentoring relationship. It includes detailed notes on the discussions, advice, and recommendations given to the mentees, ensuring that all important information is documented and easily accessible for future reference.

The alumni also act as mentors to students. By taking a small group of students under their wings, they offer the students career guidance. They also help students to progress beyond their postgraduate programme by helping them to gain foothold in various research institutes here in India and abroad. In addition to career guidance, the alumni also assist students in advancing beyond their postgraduate program. They actively support students in establishing connections and gaining opportunities in prestigious research institutes both within India and abroad. By leveraging their networks and knowledge, the alumni help students secure internships, fellowships, and research positions, enabling them to further develop their skills and expand their academic horizons. Moreover, the alumni contribute to the students' professional development by facilitating **work and job shadowing** experiences. Through these opportunities, students can gain practical insights into their desired fields and understand the day-to-day responsibilities and challenges they may encounter. By observing and learning from alumni who are already established in their respective careers, students can acquire valuable industry knowledge and enhance their employability, ultimately preparing them for successful future in their chosen fields.

The teachers fulfill a dual role as both educators and **counselors**, offering **psychological support** to students who are facing various challenges in their lives. These challenges may include relationship issues, engaging in premarital sex, struggling with substance abuse or alcoholism, and even dealing with caste-related problems. The teachers are equipped to provide counseling in these areas, helping students navigate through their difficulties and find appropriate solutions. In more complex cases where the issues seem insurmountable, the teachers may refer students to professional counselors who specialize in dealing with specific problems. These professional counselors have the expertise and experience to address the deeper complexities of the students' situations. By involving professional counselors, the teachers ensure that students receive the most effective and comprehensive support available, tailored to their specific needs. The provision of psychological counseling by teachers demonstrates a holistic approach to education, recognizing that students' emotional well-being is just as important as their academic development. This approach not only helps students overcome their challenges but also fosters a sense of trust and openness between students and teachers, promoting overall well-being and personal growth.

File Description	Document
Provide Link for Additional Information	<a href="#">View Document</a>

### 2.3.3

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

**Describe the Preparation and adherence to Academic Calendar and Teaching plans by the institution.**

**Response:**

**Response:**

**Academic calendar:** The academic calendar of the Institution is meticulously planned in advance, encompassing a wide range of events. To ensure a well-organized schedule, a dedicated committee known as the Calendar Committee takes charge of this task. They engage in thorough discussions to assess the feasibility and merits of each event. Through a comprehensive evaluation process, the Calendar Committee carefully weighs the pros and cons of each proposed event. This diligent analysis enables the committee to make informed decisions and determine the dates for various activities, including examinations, holidays, and significant events. By considering various factors and perspectives, the committee ensures that the finalized schedule caters to the diverse needs and interests of the institution's stakeholders. Once the committee reaches a consensus, the College Calendar is printed and distributed, serving as a comprehensive guide for the entire institution, providing clarity and transparency regarding the scheduled events throughout the academic year.

It helps the institution to draw up the annual plan for both odd and even semesters. Besides listing out the working days and government holidays, the calendar also informs the students of paying of fees in time, submission of assignments and conduct of Continuous Internal Assessment Tests. It also provides other information such as academic programmes available, curriculum structure, details of the courses, rules, regulations, facilities, scholarships, endowments, list of the staff, committees, and so on. In general, this calendar gears up for the aggregate performance of the college. The printed copy of the calendar is distributed to teachers and students at the start of the academic year.

**Teaching plans:** Teaching plans are maintained by the teachers after consultations with the Head of the Department and the teachers who handle the same course. Each course is divided into five units and teachers are allocated units to teach. They in turn plan the syllabus to be covered within a stipulated time so as to prepare the students ready to face tests, quizzes etc. In the absence of a teacher who proceeds on leave due to extraordinary circumstances, a contingency plan is drawn up by the Head of the Department so that other teachers step in to teach the unit/s of a course. Sometimes the institution appoints a temporary teacher in the leave place and ensures that the teaching process is not affected. When teachers proceed on maternity leave or a long medical leave, temporary teachers are appointed in their place so that learning is not affected.

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Provide Link for Additional Information	<a href="#">View Document</a>

## 2.4 Teacher Profile and Quality

**2.4.1**

**Average percentage of full time teachers appointed against the number of sanctioned posts year wise during the last five years**

**Response:** 89

**2.4.1.1 Number of sanctioned posts year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
239	263	193	196	169

**File Description****Document**

Sanction letters indicating number of posts sanctioned by the competent authority (including Management sanctioned posts).

[View Document](#)

Institutional data in the prescribed format (data template merged with 2.4.3 and 2.4.4)

[View Document](#)

Provide Links for any other relevant document to support the claim (if any)

[View Document](#)

**2.4.2**

**Percentage of full time teachers with Ph.D./D.Sc. / D.Litt./ L.L.D during the last five years**

**Response:** 17.18

**2.4.2.1 Number of full time teachers with *Ph.D./D.Sc. / D.Litt./ L.L.D* during the last five years**

Response: 61

**File Description****Document**

List of faculty having Ph.D./D.Sc. / D.Litt./ L.L.D along with particulars of the degree awarding university, subject and the year of award per academic year.

[View Document](#)

Institutional data in the prescribed format (data template merged with 3.2.3 and 3.4.2)

[View Document](#)

Provide Links for any other relevant document to support the claim (if any)

[View Document](#)

**2.4.3**

**Average teaching experience of full time teachers (Data to be provided only for the latest completed academic year, in number of years)**

**Response:** 8.7

**2.4.3.1 Total teaching experience of full-time teachers as of latest completed academic year**

Response: 1722

<b>File Description</b>	<b>Document</b>
Institutional data in the prescribed format (data template merged with 2.4.1 and 2.4.4)	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

**2.4.4**

**Percentage of full time teachers working in the institution throughout during the last five years**

**Response:** 69.62

**2.4.4.1 Number of full time teachers worked in the institution throughout during the last five years:**

Response: 110

<b>File Description</b>	<b>Document</b>
Institutional data in the prescribed format (data template merged with 2.4.1 and 2.4.3)	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

**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 last date of declaration of results during the last five years**

**Response:** 11.4

**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**

2022-23	2021-22	2020-21	2019-20	2018-19
20	4	25	4	4

File Description	Document
Institutional data in the prescribed format (data template)	<a href="#">View Document</a>

### 2.5.2

**Percentage of student complaints/grievances about evaluation against total number appeared in the examinations during the last five years**

**Response:** 21.68

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

2022-23	2021-22	2020-21	2019-20	2018-19
433	114	183	229	507

#### 2.5.2.2 Number of students appeared in the examination conducted by the institution year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
1611	1550	1294	1304	1004

File Description	Document
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

### 2.5.3

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

**Describe the examination reforms with reference to the following within a minimum of 500 words**

- ♦ **Examination procedures**
- ♦ **Processes integrating IT**
- ♦ **Continuous internal assessment system**

**Response:**

**Response**

- ♦ The College has successfully implemented a modern, technologically advanced examination process that enhances transparency and accelerates the operational process. This system is characterized by a self-service portal that caters to both students and educators. The portal has been designed with a user-friendly interface, making the examination process easy to manage.
- ♦ Some of the key functions facilitated by this portal include the **scheduling of exam dates, submission of examination applications, payment of examination fees, receipt of approvals, downloading of hall tickets, uploading of internal marks, and publishing results**. If necessary, the portal also enables students to request for **reevaluation** of their exams.
- ♦ The **Continuous Internal Assessment (CIA)** evaluates the students through a comprehensive assessment process that includes two exams (CIA I & II), one or two assignments, a Google multiple-choice test, a seminar (specifically for postgraduate students), and regular attendance. These various components are carefully considered to determine the students' internal marks, which reflect their performance and understanding of the subject matter. This rigorous evaluation system ensures that the CIA maintains high standards and produces competent professionals in the field.
- ♦ To streamline the examination process further, the College uploads room allotments for examinations on its website. This allows students to know their designated exam rooms half an hour before the exam begins, ensuring a smooth commencement of examinations.
- ♦ On top of that, the College has **digitized the submission of Practical Examination and Viva Voce Examination** marks. Examiners and staff can enter these marks online, enhancing the efficiency and accuracy of result tabulation.
- ♦ Prior to examinations, heads of various disciplines convene to select the panel of **paper setters and evaluators**. The Controller of Examinations and the Principal randomly select individuals from this panel to formulate question papers and evaluate answer scripts. This is done to ensure impartiality and fairness in the examination process.
- ♦ Recognizing the need for continuous improvement, the College established the **Examination Reforms Committee** in 2015. This committee, comprising the Principal, the Controller of Examinations, and three senior professors, is tasked with proposing necessary modifications to the examination system and the Controller of Examinations office.
- ♦ Additionally, the College offers an **Instant Examination** feature for students with only one arrear paper remaining at the end of their Undergraduate or Postgraduate Programme. These exams are conducted within a month of publication of results. This caters to students wishing to pursue further academic qualifications without any delays or to those seeking employment opportunities promptly following their graduation.

## 2.6 Student Performance and Learning Outcomes

### 2.6.1

**The institution has stated learning outcomes (programme and course outcome)/graduate attributes which are integrated into the assessment process and widely publicized through the website and other documents and the attainment of the same are evaluated by the institution**

**Response:**

**Response:**

- ♦ The college has meticulously designed **Programme Outcomes** for a comprehensive list of courses, spanning both Undergraduate and Postgraduate programs. Undergraduate programs include B.A in Economics, English, History, Tamil, B.Sc in Biotechnology, Botany, Chemistry, Computer Science, Computer Applications, Geology, Information Technology, Mathematics, Microbiology, Statistics, Physical Education, Physics, Zoology. B.Com, B.Com with specializations in Computer Applications, Business Process Service, B.M.S in Agri.Storage and Supply Chain, B.B.A, and B.Lit. Postgraduate programs include M.A in English, Economics, Tamil, M.Sc in Botany, Biotechnology, Microbiology, Chemistry, Computer Science, Geology, Geophysics, Information Technology, Mathematics, Physics, Zoology, Yoga, M.Com, and M.Com with specialization in Financial Management.
- ♦ The **Programme-Specific Outcomes, Programme Outcomes, and Course Outcomes** have been strategically devised in line with the college's vision and mission, as well as departmental objectives. The attributes expected of graduates and the nuanced categories of Bloom's Taxonomy have further informed this process. A detailed mapping of Course and Programme Outcomes is undertaken for every course, which is then ratified by the Board of Studies and Academic Council. This information is made accessible to students via the college website.
- ♦ The college adopts a rigorous approach in assessing the effectiveness of the courses offered, using methods such as the **Student Satisfaction Survey (SSS)**. As part of the 2022-2025 curriculum framework, Programme Outcomes and Course Outcomes are explicitly stated and specified. Various measures including syllabus completion, continuous internal assessments, end-of-semester exams, and results are used to gauge the achievement of these outcomes.
- ♦ Supportive measures such as **remedial classes** for slow learners, **compulsory attendance of 75%** tied to internal marks, and SSS all contribute towards the realization of the desired outcomes. Graduate attributes serve as the benchmark to evaluate the achievement of Programme Outcomes. The vision and mission of the respective departments, along with course objectives, act as guiding principles in student evaluation.
- ♦ Innovation and publication in **UGC approved and Scopus-indexed journals** by students pursuing M.Phil and PhD programs serve as evidence of successful Programme Outcomes. The achievement of outcomes for undergraduate and postgraduate students is measured by progression to M.Phil and PhD programs or securing placements in companies and institutions. The success of the college's alumni further attests to the effectiveness and realization of the course and programme outcomes.

File Description	Document
Provide links as Additional Information	<a href="#">View Document</a>

## 2.6.2

**Pass percentage of students (excluding backlog students) (Data for the latest completed academic year)**

**Response:** 91.56

**2.6.2.1 Total number of final year students who passed the examination conducted by Institution during the latest completed academic year:**

Response: 1475

File Description	Document
Institutional data in the prescribed format (data template)	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

## 2.7 Student Satisfaction Survey

**2.7.1**

**Online student satisfaction survey regarding teaching learning process**

**Response:** 2.98

## Criterion 3 - Research, Innovations and Extension

### 3.1 Promotion of Research and Facilities

#### 3.1.1

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

**Response:**

**Response**

The institution has **Research Promotion Policy, Research Ethics Policy, Plagiarism Check Policy and Consultancy Policy** in place. It guides the research guides and the scholars and prospective research scholars.

- ♦ The Research Committees play a crucial role in providing guidance to Research Advisors and overseeing the work of research scholars. These committees include the Research Advisory Committee, the Plagiarism Standing Committee, and the Research Ethics Committee. In order to maintain academic integrity, all dissertations of PG students and M.Phil. Scholars are required to undergo a plagiarism check using the '**CheckForPlag**' software installed in the College Library. Ph.D. scholars are also required to conduct an originality check on their theses with Bharathidasan University, ensuring that the level of plagiarism is kept below 10%.
- ♦ **13 Departments** are recognised as **Research Departments** by the Bharathidasan University and have **Departmental Research Committee** to promote research activities.
- ♦ **219 research scholars registered for Ph.D. under Recognized Research Supervisors** of the Institution during 2017-2023.
- ♦ Each science department has lab facilities which are well stocked with state-of-the-art research equipment.
- ♦ **National College Instrumentation Facility (NCIF):** It serves as a central hub for high-value advanced analytical equipment, catering to the needs of researchers and students in the science departments of the College. It is widely utilized by Post Graduate Students, Doctoral Research Scholars, and Sponsored Projects for Advanced Research. Additionally, external academic institutions in the region can also access the facility at nominal charges. Regular training programs and workshops/seminars are conducted to enhance the skills of laboratory staff and research scholars in the field of materials characterization and analysis. The facility boasts a range of instruments such as **Scanning Electron Microscope – EDS, Flow Cytometer, High Performance Liquid Chromatography, Gas Chromatography and Mass Spectrometry, Atomic Absorption Spectroscopy, FT-Infra Red Spectroscopy, Fluorescence Spectroscopy, Micro Hardness Tester, Lyophilizer, BOD / COD Analyzer, and Gel Documentation System.**
- ♦ Research scholars across various disciplines are not only recommended but also strongly advised to publish their academic work and research findings in journals indexed in Scopus, Web of Science and those listed in the University Grants Commission Consortium for Academic and Research Ethics (UGC-CARE). Doing so lends substantial credibility to their work and

contributes significantly to their academic and professional progress.

- ♦ Our staff have successfully secured research projects from esteemed Departments such as the Department of Science and Technology (DST), Department of Bio-Technology (DBT), Science and Engineering Research Board (SERB), and the Ministry of Earth Sciences (MoES). These bodies are prominent agencies that fund high-quality research projects in various scientific and technological fields. Teachers availing these grants are not just contributing to their respective institutions, but also to the broader scientific community, enhancing the understanding and knowledge of our world in different science and technology sectors.
- ♦ The College Management, on its part, has instituted **Institutional Research Award** (seed money) to motivate research activity among the young teachers. During the academic year (2021-2022), eighteen teachers were selected for the award. And a sum of Rs.375,000/- was already disbursed to the teachers. In the academic year (2022-2023), seventeen teachers have been selected for the award and again a sum of rupees Rs.375,000/- has been earmarked for disbursal among the selected teachers.

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Provide links as Additional Information	<a href="#">View Document</a>

### 3.1.2

#### The institution provides seed money to its teachers for research

**Response:** 7.25

##### 3.1.2.1 Amount of seed money provided by institution to its teachers for research year wise during last five years (INR in lakhs)

2022-23	2021-22	2020-21	2019-20	2018-19
3.5	3.75	0	0	0

File Description	Document
Sanction letters of seed money to the teachers is mandatory	<a href="#">View Document</a>
List of faculty who have been provided with seed money for research along with the title of the project, duration and amount year-wise	<a href="#">View Document</a>
Institutional data in the prescribed format (data template)	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

**3.1.3**

**Percentage of teachers receiving national/ international fellowship/financial support by various agencies for advanced studies/ research during the last five years**

**Response:** 0.28

**3.1.3.1 Number of teachers who received national/international fellowship /financial support by various agencies, for advanced studies / research; year-wise during the last five years**

Response: 1

File Description	Document
List of teachers who have received the awards along with nature of award, the awarding agency etc.	<a href="#">View Document</a>
Institutional data in the prescribed format (data template)	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

**3.2 Resource Mobilization for Research****3.2.1**

**Total Grants research funding received by the institution and its faculties through Government and non-government sources such as industry, corporate houses, international bodies for research project, endowment research chairs during the last five years (INR in Lakhs)**

**Response:** 230

<b>File Description</b>	<b>Document</b>
List of Extramural funding received for research, Endowment Research Chairs received during the last five years along with the nature of award, the awarding agency and the amount	<a href="#">View Document</a>
Institutional data in the prescribed format (data template is merged with 3.2.2)	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

**3.2.2**

**Number of research projects per teacher funded by government, non-government , industry, corporate houses, international bodies during the last five years**

**Response:** 0.03

**3.2.2.1 Number of research projects funded by government and non-government agencies during the last five years.**

Response: 9

<b>File Description</b>	<b>Document</b>
List of project titles with details of Principal Investigator, amount sanctioned and sanctioning agency etc	<a href="#">View Document</a>
Institutional data in the prescribed format (data template merged with 3.2.1)	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

**3.2.3**

**Percentage of teachers recognised as research guides as in the latest completed academic year**

**Response:** 31.31

**3.2.3.1 Number of teachers recognised as research guides as in the latest completed academic year:**

Response: 62

File Description	Document
Upload copies of the letter of the university recognizing faculty as research guides	<a href="#">View Document</a>
Institutional data in the prescribed format (data template merged with 2.4.2 and 3.4.2)	<a href="#">View Document</a>

### 3.3 Innovation Ecosystem

#### 3.3.1

**Institution has created an ecosystem for innovations, Indian Knowledge System (IKS), including awareness about IPR, establishment of IPR cell, Incubation centre and other initiatives for the creation and transfer of knowledge/technology and the outcomes of the same are evident**

#### Response:

Response:

The institution has successfully established an innovative ecosystem through the implementation of **Indian Knowledge System (IKS)**. This holistic and multidimensional approach enables the application of traditional knowledge into modern scientific paradigms.

- ♦ Our college provides congenial atmosphere, resources, and confidence for enhancement of the capacity and competencies of students and teachers in student-centric research and innovative activities. Every department has its own association and through its activities specific talents of students are identified and promoted. Activities are designed in such a way to encourage leadership qualities, promote research aptitude, and develop entrepreneurial skills of students.
- ♦ The Entrepreneurship Development Cell is actively engaged in conducting awareness as well as training programmes. The college encourages students and teachers to undertake research activities. Staff members are encouraged to take up government and non-government sponsored projects and publish research articles in peer reviewed journals.
- ♦ National College Instrumentation Facility offers a variety of research opportunities for researchers both inside and outside the college as it has the state-of-the-art instrumentation facilities. This is helpful for creation and transfer of knowledge.
- ♦ The MoUs signed with institutions like The Institute of Company Secretaries of India , Kalvi Institute Pvt. Ltd., National Research Centre for Banana (ICAR -NRCB), Trichy, Kothari Sugars and Chemicals Limited, Kattur, Sri Vasavi College, Erode, Talent Factori Private Limited, Chennai, Tata Consultancy Services, Mumbai, Chiguru CoLab, Bangalore, are instrumental in facilitating transfer of knowledge and developing research. The MoUs signed with NRCB and Kothari Sugars have community orientation as the farming community and the trading community stand to benefit much.
- ♦ Indian Knowledge System is made available to students in many ways.
- ♦ The language departments like Tamil, Hindi and Sanskrit impart the traditional forms of knowledge to students. **Sukla Yajur Veda** was taught at Sri Sargunar Vedha Padasala that functioned from 2017 to 2022. M.Sc (Yoga) programme offered by the Department of Physical Education is completely based on Indian Knowledge System. The **‘Yoga and**

**Meditation**’ centre regularly invites yoga experts to share their knowledge with others.

- ♦ An IPR awareness workshop was conducted on the 9th of August 2019. Ms. S.Gomathi Padma Thilaga, Registered Patent Agent and Woman Scientist (**KIRAN-IPR,DST**) from Tamilnadu State Council for Science and Technology (TNSCST) served as the resource person.
- ♦ As a part of **National Intellectual Property Awareness Mission** (NIPAM), a programme was organized in association with Intellectual Property Office, Chennai, on the 18th of October 2022.
- ♦ The outcomes of such initiatives are clearly visible in the form of enhanced research productivity, increased patent applications, and start-up creation, which significantly contribute to socio-economic development.

### 3.4 Research Publications and Awards

#### 3.4.1

**The Institution ensures implementation of its stated Code of Ethics for research.**

**The institution has a stated Code of Ethics for research and the implementation of which is ensured through the following:**

- 1. Inclusion of research ethics in the research methodology course work**
- 2. Presence of institutional Ethics committee (Animal, Chemical, Bio-ethics etc.)**
- 3. Plagiarism check through software**
- 4. Research Advisory Committee**

**Response:** A. All of the above

<b>File Description</b>	<b>Document</b>
Institutional data in the prescribed format (data template)	<a href="#">View Document</a>
Copy of the syllabus of the research methodology course work to indicate if research ethics is included	<a href="#">View Document</a>
Constitution of the ethics committee and its proceedings as approved by the appropriate body	<a href="#">View Document</a>
Constitution of research advisory committee and its proceedings as approved by the appropriate body.	<a href="#">View Document</a>
Bills of purchase of licensed plagiarism check software in the name of the HEI	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

#### 3.4.2

**Number of candidates registered for Ph.D per teacher during the last five years**

**Response:** 3.53

**3.4.2.1 Number of candidates registered for Ph.D during the last 5 years:**

Response: 219

File Description	Document
Institutional data in the prescribed format (data template merged with 2.4.2 and 3.2.3)	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

**3.4.3**

**Number of research papers published per teacher in the Journals as notified on UGC CARE list during the last five years**

**Response:** 3.01

**3.4.3.1 Number of research papers in the Journals notified on UGC CARE list year wise during the last five years**

Response: 1069

File Description	Document
Institutional data in the prescribed format (data template)	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

**3.4.4**

**Number of books and chapters in edited volumes published per teacher during the last five years**

**Response:** 0.14

**3.4.4.1 Total Number of books and chapters in edited volumes published during the last five years**

Response: 48

File Description	Document
Institutional data in the prescribed format (data template)	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

**3.4.5****Bibliometrics of the publications during the last five years based on average Citation index in Scopus/ Web of Science****Response:** 5.92**3.4.6*****Bibliometrics of the publications during the last five years based on Scopus/ Web of Science – h-index of the Institution*****Response:** 19.5**3.5 Consultancy****3.5.1****Revenue generated from consultancy and corporate training during the last five years****Response:** 22.85**3.5.1.1 Total Amount generated from consultancy and corporate training year wise during last five years (INR in lakhs)**

2022-23	2021-22	2020-21	2019-20	2018-19
5.78	6.006	1.93	2.04	7.09

File Description	Document
Institutional data in the prescribed format (data template)	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

**3.6 Extension Activities**

### 3.6.1

**Outcomes of extension activities in the neighbourhood community in terms of impact and sensitizing the students to social issues and holistic development, and awards received if any during the last five years (Showcase at least four case studies to the peer team)**

**Describe the impact of extension activities in sensitising students to social issues and holistic development with four case studies within a maximum of 500 words**

**Response:**

**Response:**

- ♦ The NSS, NCC, and various other clubs consistently engage in extension activities. These activities are not limited to the college campus but extend to villages and schools that have been adopted for such initiatives. Additionally, departments within the college have also taken the initiative to contribute to community service by sending their teachers and students to participate in these activities, thereby playing their part in social transformation.
- ♦ The college has **adopted four villages**, namely Naachhikurichi, Iniyanur, Pommanisamudram, and Cholanganallur, where they actively carry out various tasks. The college and its volunteers are involved in a wide range of activities that are highly appreciated by the villagers, elders, and panchayat officials. These activities include conducting medical camps, eye camps, planting tree saplings, cleaning water bodies, temples, and community centers, as well as organizing awareness rallies during special camps. These efforts have a significant impact on the community and contribute to their overall well-being.
- ♦ In addition to village adoption, the college also focuses on providing **support to a special school** called Annai Government Higher Secondary School, located at the Airport in Tiruchirappalli. Both the students and teachers of this school benefit from the collaboration. The teachers are exposed to new pedagogical practices, while the students are taught using ICT tools and simplified teaching methods. This approach enhances the learning experience for the students and equips the teachers with innovative teaching techniques.
- ♦ The college volunteers played a pivotal role in extending assistance to the individuals affected by the floods in the college vicinity in November 2021. Their efforts were focused on ensuring that the affected individuals had access to essential supplies, such as rice and other necessary commodities, which were distributed promptly. By actively engaging in this relief work, the college volunteers showcased their dedication towards serving the community and providing aid to those who were in dire need during this challenging period.
- ♦ In addition to aiding the flood-affected individuals in the college neighborhood, our college also extended its support to those affected in various other regions, both within and outside Tamil Nadu. Recognizing the widespread impact of the floods, the college contributed relief materials to help alleviate the suffering of people in different parts of the state and even beyond. This gesture of solidarity and compassion exemplified the college's commitment to reaching out to those in distress and offering assistance wherever it was needed.
- ♦ Furthermore, the Department of Physical Education collaborates with an NGO called Prisoners' Rights Intervention Support Mission (PRISM) to offer **psychological intervention to inmates at the Tiruchirappalli central jail**. Through a program called PATTAM (**Personality Attitude Transformation Therapeutic Assistance Management**), the team provides education, skills training, and psychological support to the serving inmates. The college recognizes that a jail

should be a place of personal reform and penitence rather than solely a site of harsh punishment. The efforts of the teachers and student volunteers involved in this program are highly valued and appreciated by the prison officials, as they contribute to the overall well-being and rehabilitation of the inmates.

<b>File Description</b>	<b>Document</b>
Provide the link for additional information	<a href="#">View Document</a>

### 3.6.2

**Number of extension and outreach programs conducted by the institution through organized forums including NSS/NCC with involvement of community year wise during the last five years**

**Response:** 165

**3.6.2.1 Number of extension and outreach programs conducted by the institution through organized forums including NSS/NCC with involvement of community year wise during the last five years.**

2022-23	2021-22	2020-21	2019-20	2018-19
43	25	8	19	70

<b>File Description</b>	<b>Document</b>
Institutional data in the prescribed format (data template)	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

## 3.7 Collaboration

### 3.7.1

**Number of functional MoUs/linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years**

**Response:** 36

Self Study Report of NATIONAL COLLEGE (AUTONOMOUS), TIRUCHIRAPALLI

<b>File Description</b>	<b>Document</b>
Institutional data in the prescribed format (data template)	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

## Criterion 4 - Infrastructure and Learning Resources

### 4.1 Physical Facilities

#### 4.1.1

The Institution has adequate infrastructure and other facilities for

1. teaching – learning, viz., classrooms, laboratories, computing equipment etc
2. ICT – enabled facilities such as smart class, LMS etc.
3. Facilities for Cultural and sports activities, yoga centre, games (indoor and outdoor), Gymnasium, auditorium etc.

**Response:**

**Response**

The college has land area of 82063 square metres and the built-up area is 34,742 square metres. The playground has 32,390 square metres of area.

#### **Classrooms and Seminar Halls**

The college has 107 classrooms and 3 auditoria (two air conditioned and one non-airconditioned) to conduct mass programs with varying capacities for cultural and academic activities.

#### **Gym, Yoga Centre, Indoor and Outdoor games**

The College has an open-air auditorium, one amphitheater, a yoga centre, a gym and two stadia – an indoor stadium and an outdoor stadium for sports activities. The designs have been thoughtfully created to cater to the needs of various events, regardless of whether they are on a national or international scale.

**Laboratories:**

- ♦ The Chemistry, Physics, Geology, Botany, Zoology, and Biotechnology departments have laboratories that are equipped with advanced scientific equipment, allowing students to gain practical experience. The **National College Instrumentation Facility (NCIF)** is a state-of-the-art facility that offers cutting-edge equipment for research and project work. The department's labs receive support from multiple organizations like UGC, DST-FIST, DST-SERB, DST, DBT-STAR, MOE, etc., which offer both major and minor equipment. Moreover, there are also DST/MoE Sponsored Scheme Labs, such as the Geobiotech Lab, Genetic Lab, and Coordination and Bioinorganic Chemistry Research Lab.
- ♦ The Departments of Computer Science, Computer Applications, Information Technology, Geology, Physics and Mathematics have computer labs. In all **445 computers** are available for the exclusive use of students and teachers.
- ♦ Given below is the list of other office equipment made available for the use of teachers and office staff: 1) Printers: 64; 2) LCD Projectors: 30; 3) Photocopiers: 7; 4) Color Mono Copier: 1;

5)Shredder: 2

- ♦ The college has six generators to provide back up facilities in times of power outage: 82.5 KV: 5; 2) 35 KV:1
- ♦ There are eleven UPS units of varying capacities also available for use:10 KV: 8; 2) 11 KV: 1; 3) 5 KV: 1; 4) 3 KV: 1
- ♦ There are forty-one fire extinguishers available on campus: 1) ABC Powder 2 kg:13; 2) ABC Powder 4 kg: 3; 3) ABC Powder 5 kg: 1; 4) ABC Powder 6 kg: 5; 5) CO2 2kg : 2; 6)CO2 3kg: 6; 7) CO2 4.5 kg:5; 8)DCP 5 kg:6;

### **Library:**

The Library is located in a building with three floors that include stack rooms, reference sections, a digital library, and reading halls. It also houses daily and weekly publications.

### **Hostels:**

There is a separate hostel available for boys and girls

### **Other Facilities:**

- ♦ The wings are equipped with restrooms to cater to the needs of both men and women, ensuring convenience for everyone, including those with disabilities.
- ♦ To promote inclusivity, ramps have been constructed in every block of the college, allowing easy access for disabled students. These ramps serve as a pathway that ensures smooth navigation throughout the campus.
- ♦ The administrative block and the science block are connected by an elevated pathway, providing a convenient route for students and staff to move between these two important areas.
- ♦ The college understands the importance of providing basic amenities on campus. Therefore, there are designated spaces for vehicle parking, a cafeteria for students and staff to enjoy meals, and drinking water coolers to keep everyone hydrated.
- ♦ Safety and security are prioritized, with the installation of CCTV cameras throughout the college premises.
- ♦ Recognizing the need for privacy and comfort, separate washrooms are available for both men and women.
- ♦ Apollo Shines, a dedicated medical facility, is available to provide clinical and medical assistance to students. They also maintain twenty-three first-aid kits, ensuring that immediate medical attention can be provided when needed.

## **4.1.2**

**Percentage of expenditure excluding salary, for infrastructure development and augmentation year wise during the last five years**

**Response:** 52.06

**4.1.2.1 Expenditure for infrastructure development and augmentation, excluding salary year wise during last five years (INR in lakhs)**

2022-23	2021-22	2020-21	2019-20	2018-19
213	377	330	188	523

File Description	Document
Institutional data in the prescribed format (data template is merged with 4.2.2 and 4.4.1)	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

## 4.2 Library as a Learning Resource

### 4.2.1

**Library is automated with digital facilities using Integrated Library Management System (ILMS), adequate subscriptions to e-resources and journals are made. The library is optimally used by the faculty and students**

**Response:**

**Response**

- ♦ **Area of the Library (3 Floors) is 20,070 Sq. Ft**
- ♦ **The Library** housed in a three-story facility
- ♦ **Digital Library and Reading Halls** with daily/weekly publications
- ♦ The college library has a collection of **1,36,080 volumes** on a wide range of subjects covering from rare to latest, including **books (1,24,612), journals, Ph.D. theses (607), back volumes (5236), periodicals, non-book materials,** etc.
- ♦ Over **2666 rare books** published **prior to 1925** are also available.
- ♦ Rare collection includes **45 palm leaf manuscripts** dating from the **18th century**.
- ♦ Besides it provides access to hundreds of national as well as international journals both in print as well as online.
- ♦ Additionally, **eShodhsindhu** membership provides access to more online resources. Subscriptions are made to various online resources like **e-databases (DELNET and N-List), 6,150 e-journals, and 1,64,309 + e-books.**
- ♦ In tune with the changing times and technology, the **library automation programme** was initiated in 2010 and networking with the Bharathidasan University Library has been completed. In addition to the conventional sections such as Stacks, Reference, Circulation, Periodicals, Technical Section Thesis and Dissertation, the building houses a large Audio-Visual Theatre, spacious airconditioned Conference Hall, E-Library, Librarian Chamber and Office.
- ♦ In short, library is a communication centre backed up by technology.
- ♦ E-library feature is integrated with **ROVAN LMS** software in the year 2021. This feature is used to build the digital library.

- ♦ The E-library contains the subscribed journals, open access full text journals, subscribed and open access e-books as well as Newspaper and magazines. These e-resources are hyper linked to provide convenient access for students, teaching staff and researchers.

### Facilities available

- ♦ Bibliographical Control Systems
- ♦ Creates database of Department's Collection,
- ♦ Circulation Control System
- ♦ Serial Control System
- ♦ Online Public Access Catalogue (OPAC)
- ♦ Self-Check-out System/Self-Check-in System (In progress)
- ♦ Gate Entry Monitoring System (GEMS)
- ♦ Digital Repository Advanced Management System
- ♦ Systematic Mapping of Internet Learning e-Resources
- ♦ Users and Book Usage Statistics
- ♦ Reservation of books by staff and students
- ♦ Checking of circulation status of books
- ♦ **RFID system** (Approved and yet to be implemented soon)
- ♦ The library has subscriptions to e-Books/e-Journals/e-Resources via **N-List (INFLIBNET), DELNET, SAGE**
- ♦ The Institution being a member of National Digital Library of India Club, the Faculty members and students avail the e-resources
- ♦ The Library is equipped with **CheckForPlag** Software for Plagiarism screening of Ph.D./M.Phil. Theses, PG Dissertations and research articles
- ♦ Faculty members and students have unique Library ID (suited for Optical Barcode scanner) for Gate entry and Book access
- ♦ The Library has 27 computers for OPAC, bibliometric analysis and other online resource access in the Digital Library Section (LAN/Wi-Fi enabled)
- ♦ Compilation of the question papers of End Semester Examinations of UG/PG Programmes and Ph.D./M.Phil. Theses in Institutional Repository
- ♦ **Fumigation Chamber**, located in the library is used to treat infected books.
- ♦ **New Arrivals Section exhibits** the most recent additions to the library
- ♦ **Book Bank Scheme** (management-funded project to the economically challenged students)
- ♦ **Special Book Bank Scheme** (to borrow books during summer holidays/examination days)
- ♦ **Book Recommendation Slip** by students/staff based on academic/professional needs
- ♦ Students of Library and Information Science do in-house internship as part of the Practice School System
- ♦ The Library operates on all working days from 7:00 am. to 8 pm.

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Provide the link for additional information	<a href="#">View Document</a>

**4.2.2**

**Percentage of expenditure for purchase of books/ e-books and subscription to journals/e-journals year wise during the last five years**

**Response:** 0.56

**4.2.2.1 Expenditure for purchase of books / e-books and subscription to journals/e-journals year wise during last five years (INR in lakhs)**

2022-23	2021-22	2020-21	2019-20	2018-19
4.65	5.14	1.19	5.60	1.11

**File Description****Document**

Institutional data in the prescribed format (data template merged with 4.1.2 and 4.4.1)

[View Document](#)

**4.3 IT Infrastructure****4.3.1**

**Institution frequently updates its IT facilities and provides sufficient bandwidth for internet connection**

**Describe IT facilities including Wi-Fi with date and nature of updation, available internet bandwidth within a maximum of 500 words**

**Response:**

**Response:**

The College has implemented a comprehensive **IT Policy** that covers various aspects such as the acquisition of Computing Equipment and Software, proper usage of equipment and internet, data security, and other IT services. This policy aims to provide a **safe and secure environment for students**, staff, and other stakeholders. Additionally, the Centre is responsible for maintaining and upgrading IT facilities within the campus.

- ♦ Living in the internet and computer yuga has its own challenges. There is a perceived gap between access to technology and the wherewithal to provide that technology. The college wants to ensure that all the stakeholders including, students, research scholars, teaching staff and non-teaching staff should have equal access to technology on campus. Technology enhanced education is in place in our college.
- ♦ Most classrooms are ICT enabled and have portable LCD projectors.
- ♦ Students and Teachers have access to internet as the campus is Wi-Fi enabled.

- ♦ Jio provides the Wi -Fi service.
- ♦ The bandwidth speed is **200 MBPS with Mikrotik Cloud Core 1036-12g-4S** as router.
- ♦ There are **64 access points**.
- ♦ Library utilizes **ROVAN LMS** software.

The administrative office is also fully automated with exclusive software. The process of admission, disbursement of salaries and scholarships and online payment of fees by students is computerized. The College has a dynamic website providing all the necessary information. The college secretary's Facebook page provides information on everyday activity in the college. The office of the Controller of Examinations uses IT in all its activities. The college has rented ample space using cloud technology and thus facilitating storage space. Keeping pace with developments in IT, the college envisions user-friendly technologies accessible to all students and staff. Accessibility and equity are the two watchwords that define the IT policy of the college. Original Microsoft operating system with the following specifications has been installed in all our computers.

1	S3Y-00001	M36S Apps For Enterprise OpenFac ShrdSvr AkNG  \$ubsVL OLV E IYr Acdmc AP
2	KWS-00359	Win Device Edu ALng Upgrade SA OLV k IY Acad Ent
4	OEM-00292	Win Server Standard Core ALng LSA OLV  16a E IY Acad AP

IT facilities incorporated in providing digital services in the Library: **E-catalogue**, **barcode** reading of identity and books, **e-resources** lab and digital scanner for digitizing rare collection of books and out of print publications. The **CCTV** cameras installed across the campus and monitored from different locations provide full security to everyone on campus and prevent untoward incidents.

- ♦ **Institutional mail ID** (xxxxx@nct.ac.in) is provided to staff/students in **Google domain**
- ♦ **Biometric based Attendance System** is in place for staff besides regular register

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Provide the link for additional information	<a href="#">View Document</a>

#### 4.3.2

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

Response: 128.78

**4.3.2.1 Number of computers available for students' usage during the latest completed academic year:**

Response: 37

**4.3.3**

**Institution has dedicated audio visual centre, mixing equipment, editing facility, media studio, lecture capturing system(LCS) and related hardware and software for e-content development**

**Response:**

**Response**

- ◆ The Gallery Hall at the college has recently undergone a significant upgrade to enhance the learning experience for students. One of the notable additions is a state-of-the-art video recording facility, which allows teachers to record their lectures with utmost clarity and precision. This facility is equipped with the highly advanced **SONY PXW-Z90V B Digital Video Camera**, ensuring high-quality video production.
- ◆ To further enhance the audio quality of the recorded lectures, the college has also installed a dual channel wireless microphone system known as the **Wireless GO II**. This cutting-edge technology enables teachers to move freely around the Gallery Hall while delivering their lectures, without any compromise on the audio clarity. The Wireless GO II system ensures that every word spoken by the teachers is captured with utmost precision, providing an immersive learning experience for students.
- ◆ The newly developed video recording facility in the Gallery Hall offers endless possibilities for content creation. Not only can teachers record their lectures for future reference, but they can also explore various creative applications. For instance, they can create educational videos, tutorials, or even conduct virtual workshops using this advanced setup. The potential for content creation is vast, allowing teachers to engage students in innovative ways and cater to different learning styles.
- ◆ National College boasts of an Official Media or YouTube Channel that offers a wide array of informative and captivating content tailored to the diverse interests and needs of our students. As the premier platform for knowledge sharing and highlighting our college's accomplishments, we are devoted to delivering top-notch videos that inspire, educate, and entertain. Our YouTube channel has established a strong online presence, attracting an impressive following of 2.59K subscribers eagerly anticipating our latest uploads. We take pride in presenting a diverse range of videos covering various subjects, including lectures, tutorials, interviews, and campus events. It is the ultimate destination for valuable insights and captivating content. Since joining YouTube on December 24, 2019, we have consistently produced exceptional content that resonates with our students. With 115 videos and an astounding 114,923 views, our channel has become a go-to hub for knowledge seekers and enthusiasts alike. Our unwavering commitment to excellence and our dedication to showcasing the best of National College have solidified our position as a trusted source of information. <https://www.youtube.com/@nationalcollege3675>

<b>File Description</b>	<b>Document</b>
Upload any additional information	<a href="#">View Document</a>
Provide the link for additional information	<a href="#">View Document</a>

#### 4.4 Maintenance of Campus Infrastructure

##### 4.4.1

**Percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, during the last five years**

**Response:** 47.75

**4.4.1.1 Expenditure incurred on maintenance of physical facilities and academic support facilities of DDE and total expenditure excluding salary, year - wise, over the last five years (INR in lakhs)**

2022-23	2021-22	2020-21	2019-20	2018-19
393	265	269	297	272

<b>File Description</b>	<b>Document</b>
Institutional data in the prescribed format (data template merged with 4.1.2 and 4.2.2)	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

##### 4.4.2

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

**Describe policy details of systems and procedures for maintaining and utilizing physical, academic and support facilities within a maximum of 500 words**

**Response:**

**Response:**

##### **Maintenance of Classrooms and Laboratories**

- ♦ The classrooms are maintained by the Faculty and support/technical staff under the guidance of the department Heads. Any maintenance needs or damage to the classroom equipment are

reported to the Head of the Department, who then informs the administration for necessary action.

- ♦ The staff members ensure that all electrical panels are well-maintained, properly labeled, and grounded for electrical connections in the Lab. If any inconsistencies are found, they are brought to the attention of the Campus Manager for further action.
- ♦ All lab users are required to follow safety rules and procedures when handling electrical equipment, chemicals, and organisms during experiments, including bio-safety precautions.

### **Maintenance of Seminar Halls**

- ♦ The lecture rooms and seminar halls on campus are well-maintained by a dedicated team, led by the campus manager.
- ♦ To organize academic activities, the department/deaneries/centres reserve seminar halls in advance using a prescribed Proforma. The reservation is based on the program's requirements and the expected number of attendees.
- ♦ The electrical and audio-visual arrangements in the halls are taken care of by the Campus manager.
- ♦ Staff members can avail of the campus' infrastructural facilities for personal use at a subsidized rate upon request.

### **Maintenance of Library**

- ♦ The librarian and their team are in charge of procuring books for the library's collection and organizing them in the stack rooms and reference sections.
- ♦ They also assign accession numbers to the books before they are issued and physically verified and stacked upon return.
- ♦ Additionally, they provide books through different programs and handle any necessary corrective actions such as replacing, binding, or repairing damaged books.

### **Maintenance of Sports Complex**

- ♦ Stakeholders have access to various sporting facilities including a gym, indoor and outdoor playgrounds, and a stadium.
- ♦ The Physical Director and their team are responsible for organizing major sporting events and maintaining the grounds. They also ensure regular maintenance and monitoring of the sports facilities and equipment.
- ♦ Additionally, Fitness Trainers, and Medical Practitioners, operate from 6.00 am to 6.00 pm for the well-being of staff and students.

### **Campus Maintenance**

- ♦ Fifteen percent of the campus area consists of open green spaces, while the remaining area is occupied by 12 buildings connected by reinforced paths for easy movement.
- ♦ The maintenance and construction work for civil, mechanical, and electrical aspects are handled by their respective units.

### **Security Service**

- ♦ The campus employs a dedicated team of security professionals who work around the clock to

ensure the safety of the premises and protect its infrastructure. They also conduct CCTV monitoring to enhance security measures.

## Criterion 5 - Student Support and Progression

### 5.1 Student Support

#### 5.1.1

**Percentage of students benefited by scholarships and freeships provided by the institution, government and non-government bodies, industries, individuals, philanthropists during the last five years**

**Response:** 30.84

**5.1.1.1 Number of students benefited by scholarships and freeships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists year wise during last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
1471	1300	1595	1194	1461

#### File Description

#### Document

Institutional data in the prescribed format (data template)

[View Document](#)

Provide Links for any other relevant document to support the claim (if any)

[View Document](#)

#### 5.1.2

**Efforts taken by the institution to provide career counselling including e-counselling and guidance for competitive examinations during the last five years**

**Response:**

**Response**

1. Career counselling is a crucial aspect of academic guidance, and it is typically carried out by a team of professionals including **teachers, tutors, placement officers, and invited counsellors**. However, due to the unprecedented circumstances brought about by the pandemic, e-counselling emerged as an alternative method. The process of career counselling usually commences when students apply for admission to college. During this time, each department is represented by two teachers who take turns in providing guidance and support to both students and their parents. Additionally, career counselling sessions are also conducted during Parent Teacher Association meetings, where teachers play an active role.

2. **Tutors:** Tutors, who serve as true **mentors** to the students, consistently update them about the diverse opportunities available in the job market. They ensure that students are well-informed about potential

career paths and are equipped with the necessary knowledge to make informed decisions. Furthermore, Whatsapp groups play a significant role in facilitating communication and information sharing, as they are highly active platforms where job vacancies from across the country and even abroad are regularly posted.

**3. The placement officer:** The placement officer also plays a vital role in the career counselling process. They visit classrooms to provide valuable insights and guidance to students regarding both conventional and alternative career choices. By keeping students informed about the latest trends and opportunities in the job market, the placement officer ensures that students are well-prepared to make informed decisions about their future careers. Overall, the collaborative efforts of teachers, tutors, placement officers, and invited counsellors, along with the utilization of e-counselling during the pandemic, contribute to a comprehensive and effective career counselling system.

4. To provide a concrete example, the Department of Geology witnessed a remarkable feat as **11 students** triumphantly cleared the **Tamil Nadu Public Service Commission Exam**. Their exceptional performance led to their selection as Assistant Geologists in prestigious departments such as the **Geology and Mining Department, Public Works Department, and Agriculture Engineering Department** in Tamil Nadu. This noteworthy accomplishment was witnessed not only in 2018 but also in 2022, showcasing the department's ability to consistently produce highly skilled professionals. The rigorous selection process conducted by the Tamil Nadu Public Service Commission ensures that only the most qualified candidates are chosen for these positions. These 11 students demonstrated their exceptional knowledge and skills in the field of geology, making them ideal candidates for the role of Assistant Geologist.

### 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, self-employment and entrepreneurial skills)**
- 4. Awareness of trends in technology**

**Response:** A. All of the above

File Description	Document
Institutional data in the prescribed format (data template)	<a href="#">View Document</a>

### 5.1.4

**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:** E. None of the above

## 5.2 Student Progression

### 5.2.1

**Percentage of placement of outgoing students and students progressing to higher education during the last five years**

**Response:** 10.41

**5.2.1.1 Number of outgoing students placed and progressed to higher education during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
164	147	150	175	68

#### File Description

#### Document

Institutional data in the prescribed format (data template)

[View Document](#)

Provide Links for any other relevant document to support the claim (if any)

[View Document](#)

### 5.2.2

**Percentage of students qualifying in state/ national/ international level examinations out of the graduated students during the last five years**

(eg: NET/SLET/ Civil Services/State government examinations etc.)

**Response:** 0.15

**5.2.2.1 Number of students qualifying in state/ national/ international level examinations (eg: NET/SLET/Civil Services/State government examinations etc.) year wise during last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
5	1	3	1	0

File Description	Document
List of students qualified year wise with details of examination and links to Qualifying Certificates of the students taking the examination	<a href="#">View Document</a>
Institutional data in the prescribed format (data template)	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

### 5.3 Student Participation and Activities

#### 5.3.1

**Number of awards/medals for outstanding performance in sports/cultural activities at University / state /national / international Level events during the last five years**

**Response:** 41

**5.3.1.1 Number of awards/medals for outstanding performance in sports/cultural activities at University / state / national / international level events (award for a team event should be counted as one) year wise during last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
15	9	0	3	14

File Description	Document
Institutional data in the prescribed format (data template)	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

#### 5.3.2

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

**Describe the Student Council activity and students' role in academic & administrative bodies within a maximum of 500 words**

**Response:**

**Resonse:**

1. Students at our institution are actively involved in various decision-making bodies, such as the **Board of Studies** for all departments and the **Internal Quality Assurance Cell (IQAC)**. These platforms provide students with a voice and representation in shaping the academic and administrative policies of the institution.

2. Additionally, each degree program has its own association, which consists of both student members and faculty members appointed by the Head of the Department. This association plays a crucial role in fostering a sense of community and collaboration among students and faculty. The student associations organize regular meetings, creating a space for students to engage in meaningful discussions and contribute to the development of their respective programs. These meetings not only provide a platform for students to voice their opinions and concerns but also offer an opportunity for them to enhance their leadership skills. By actively participating in these associations, students can develop qualities such as effective communication, teamwork, and decision-making, which are essential for their personal and professional growth.

3. In addition to the departmental associations, students have the opportunity to become part of a wide range of clubs and organizations on campus. These clubs include the drama club, fine arts club, quiz club, youth red cross, gender club, Exnora, red ribbon and abstinence club, journal club, Rotaract, and Jaycees. Joining these clubs allows students to explore their interests and passions beyond their academic studies. It provides them with a platform to engage in activities that align with their personal preferences and hobbies. One of the key benefits of joining these clubs is the chance to take on leadership roles. Students are assigned leadership positions within these clubs, which enables them to develop essential organizational, interpersonal, and social skills. By taking charge of various club activities, such as organizing medical camps, rallies, and competitions, students gain hands-on experience and learn how to effectively manage and coordinate events. This practical experience not only helps them apply their theoretical knowledge in real-life situations but also enhances their overall personal and professional growth. It is worth mentioning that students receive guidance and support from dedicated staff members while managing these activities. The staff members provide valuable mentorship and ensure that students have the necessary resources and assistance to successfully carry out their responsibilities. This collaborative approach fosters a supportive learning environment where students can learn from experienced professionals and gain valuable insights into event management and leadership. By actively participating in these clubs and organizations, students not only broaden their horizons but also develop a well-rounded skill set that will benefit them in their future endeavors.

**5.3.3**

**The institution conducts / organizes following activities:**

- 1. Sports competitions/events**
- 2. Cultural competitions/events**
- 3. Technical fest/Academic fest**
- 4. Any other events through Active clubs and forums**

**Response:** E. None of the above

File Description	Document
Institutional data in the prescribed format (data template)	<a href="#">View Document</a>

## 5.4 Alumni Engagement

### 5.4.1

**Total Amount of alumni contribution during the last five years (INR in lakhs) to the institution through registered Alumni association:**

**Response:** 14

**5.4.1.1 Total Amount of alumni contribution during the last five years (INR in lakhs) to the institution year wise through registered Alumni association:**

2022-23	2021-22	2020-21	2019-20	2018-19
0	0	0	14	0

File Description	Document
List of alumnus/alumni with the amount contributed year-wise	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

### 5.4.2

**Alumni contributes and engages significantly to the development of institution through academic and other support system**

**Describe the alumni contributions and engagements within a maximum of 500 words**

**Response:**

**Response**

- ♦ The National College **Old Boy's Association** has a long-standing history of bringing together former students to show their gratitude towards their alma mater. This association has been functioning for numerous years, providing a platform for alumni to reunite and contribute to the growth and development of their beloved institution. Every year, on the first Sunday of February, the association holds a meeting where former students gather to celebrate their shared experiences and achievements.

- ♦ During this annual meeting, the association recognizes outstanding alumni by presenting them with the prestigious Best Alumnus Award. This award serves as a testament to the remarkable accomplishments of these former students, who have brought pride and honor to their alma mater through their various endeavors. It is a moment of great pride for both the recipients and the entire college community.
- ♦ In addition to the Best Alumnus Award, the alumni association has made significant contributions to the college infrastructure. One notable contribution is the erection of a 100 feet flag mast, proudly displaying a giant national flag that flutters majestically. This symbolizes the deep-rooted patriotism and love for the nation that the alumni hold dear. The flag mast stands as a constant reminder of the college's commitment to nurturing responsible citizens who are proud of their country.
- ♦ Furthermore, the alumni association has established endowment prizes and lectures that greatly benefit the current students. These endowments provide financial support and recognition to deserving students, motivating them to strive for excellence in their academic pursuits. Additionally, some alumni take on the role of mentors, guiding and counseling students of the current batch in making informed career choices. This mentorship program fosters a strong bond between the alumni and the students, creating a supportive network that extends beyond the college years.
- ♦ The impact of the alumni association is not limited to the college campus alone. Alumni who are spread across the globe also contribute to the growth and development of the institution. Whenever they visit India, these alumni generously offer their expertise by delivering special lectures on various subjects. These lectures provide valuable insights and exposure to the students, broadening their horizons and enriching their educational experience.
- ♦ In conclusion, the National College Old Boy's Association plays a vital role in fostering a sense of unity and gratitude among former students. Through their annual meetings, recognition awards, infrastructure contributions, endowment prizes, mentorship programs, and special lectures, the alumni association continues to strengthen the bond between the college and its alumni. Their collective efforts ensure that the institution thrives and remains a source of pride for all those associated with it.

<b>File Description</b>	<b>Document</b>
Upload any additional information	<a href="#">View Document</a>
Provide the link for additional information	<a href="#">View Document</a>

## **Criterion 6 - Governance, Leadership and Management**

### **6.1 Institutional Vision and Leadership**

#### **6.1.1**

**The institutional governance and leadership are in accordance with the vision and mission of the Institution and it is visible in various institutional practices such as NEP implementation, sustained institutional growth, decentralization, participation in the institutional governance and in their short term and long term Institutional Perspective Plan.**

**Response:**

**Response:**

The college is a unit of Dr.V.Krishnamurthy Educational Foundation. The College Committee is the ultimate authority in all decision making. The President, the Secretary, five members from various walks of life, the Principal, two senior teachers, the office superintendent and the university representative constitute the committee. They provide effective leadership and work towards fulfilling the vision and mission of the institution. The college vision is 'To offer quality higher education to the younger generation, especially from the rural India, who are economically and socially backward, to liberate them from prejudice, oppression and ignorance and to gain knowledge for their bright future.' Its mission includes:

- ♦ To ignite the young minds with lofty ideals and inspire them to achieve excellence in the chosen field.
- ♦ To facilitate individual growth of students, with accent on character building, through co-curricular and extra-curricular activities.
- ♦ To encourage the students to take up research and help them reach global standards.
- ♦ To provide a congenial atmosphere to study and to learn with infrastructural facilities of high standards.
- ♦ To instill in the minds of the students, the sense of Nationalism and to train them in social awareness.

#### **Institutional Governance:**

The Vision and Mission of the College served as the driving force behind its successful achievement of the farsighted Perspective Plans for the assessment period (2017-2023), highlighting the importance of effective leadership in this endeavor.

The following are the milestone attainments made:

#### **Empowering the next generation of learners**

- ♦ The Outcome based curriculum for young learners focuses on nurturing their higher-order skills, research abilities, and improving their chances of finding employment in the future.
- ♦ The learning management system is meticulously designed to support academic excellence by equipping students with the essential tools and resources they need.

- ♦ The Placement cell plays a vital role in arranging recruitment drives held by renowned organizations, guaranteeing promising career prospects for the students.

### **Inclusivity & Equity**

- ♦ Prioritizing the needs of all individuals, particularly those who are economically and socially disadvantaged, as well as first-generation learners.
- ♦ Providing additional support and attention to students who face social and economic challenges, ensuring their overall well-being.
- ♦ Fostering an inclusive and equitable environment that addresses the psychosocial needs of *Differently-abled (Divyangjan)* students.

### **Academic Excellence**

- ♦ Foster a competitive academic environment by ensuring students' performance is on par with other institutions, especially in university rankings
- ♦ Enhance learning skills through state-of-the-art infrastructure
- ♦ The College Management supports research projects by providing seed money.
- ♦ Autonomy and independent decision-making are encouraged at all levels through the decentralization of administration.

The **upcoming Perspective Plan** for the upcoming NAAC assessment period (2023-2029) has been meticulously designed with achievable objectives in order to propel the Institution to a higher level. A well-structured and systematic approach has been established to ensure the successful attainment of these goals. Furthermore, potential challenges have been thoroughly analyzed and appropriate measures have been devised to address them. As a result, the institution's vision and mission are effectively executed through the implementation of a transformational leadership style.

## **6.2 Strategy Development and Deployment**

### **6.2.1**

**The institutional perspective plan is effectively deployed and functioning of the institutional bodies are effective and efficient as visible from policies, administrative setup, appointment, service rules, and procedures, etc**

**Response:**

**Response:**

The institution has plans to achieve excellence at every level. Up until now the college has enjoyed the status of “**College with Potential for Excellence.**” The next strategy is to achieve the status of “College of Excellence” by achieving better standards of teaching by integrating ICT and LMS for all the courses at the undergraduate and postgraduate level. Being a research hub, the college wants to promote a research culture in every department by attracting funds from various agencies. The other plans include increasing the amenities for students, digitizing all the rare and out of print books available in the library,

improving infrastructure by constructing two new buildings and expanding space for office usage and incubation center. Plans also include construction of roof top solar panels to generate electricity and connecting them with the local grid to achieve self-sufficiency in power consumption and generation. At the academic level, the institution wants to introduce new courses that are market-driven and based on national and international needs. The institution would like to attract international students by raising the standards of the programmes offered and developing facilities for accommodation of such students. The institution would also like to enter into an understanding with colleges/universities abroad for staff and student exchange in short-term and long-term learning programmes.

**Response:**

The College has a long-standing history of administrative expertise that spans over hundred years. Over time, the policies, processes, guidelines, code of ethics, and effectiveness of these administrative practices have been thoroughly tested, revised, and updated to ensure their reliability and positive impact. Each aspect of administration and governance within the College has a clearly defined policy that is documented and strictly adhered to. This commitment to following established policies enables a streamlined administrative system on campus, promoting efficiency and effectiveness.

**Organogram:** The institution has a well-structured Organogram that provides a clear overview of the Organizational Structure of the Institution. The College Council, which is the highest governing body of the Administration, is led by The President. The Council consists of a Secretary, Joint Secretary, five members, Principal, staff representative from the College, representative from the University, and the Office Superintendent.

**Functions:** The College Council plays a crucial role in the institution as it deliberates on Institutional Policies and Developmental Goals, and makes important decisions. It acts as a support body to the Principal in matters related to both Statutory and Non-Statutory proceedings. The Principal, in collaboration with the College Council, makes significant Academic and Administrative decisions.

**Academic Council:** The Academic Council is responsible for handling all academic matters within the institution. It focuses on various administrative areas such as introducing new innovative and vocational programs, implementing reforms in examination and evaluation processes, providing support measures for academic programs, creating necessary academic facilities, and addressing any academic concerns that arise based on specific needs.

**Heads and Faculty Members:** The Heads of Departments play a crucial role in providing academic guidance and direction. They are responsible for managing and nurturing their team, setting high standards, and assigning tasks to ensure that students have the best possible educational experience. Faculty members are dedicated to delivering intensive teaching sessions that promote effective learning. They are committed to conducting quality research and engaging in extension activities that contribute to the overall development of students.

File Description	Document
Provide the link for additional information	<a href="#">View Document</a>

**6.2.2**

**Institution implements e-governance in its operations. e-governance is implemented covering the following areas of operations:**

- 1. Administration including complaint management**
- 2. Finance and Accounts**
- 3. Student Admission and Support**
- 4. Examinations**

**Response:** C. Any 2 of the above

<b>File Description</b>	<b>Document</b>
Screen shots of user interfaces of each module reflecting the name of the HEI	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

**6.3 Faculty Empowerment Strategies****6.3.1**

**The institution has performance appraisal system, effective welfare measures for teaching and non-teaching staff and avenues for career development/progression**

**Response:**

**Response:**

The college faithfully implements all the welfare measures suggested by the government through its guidelines.

**Statutory Welfare Measures:** The teachers can avail all forms of leave, including casual leave, medical leave, earned leave, maternity leave etc. Insurance, provident fund, housing loan and other entitlements are promptly passed on to the teaching and non-teaching staff.

**Non-Statutory Employee Benefits:** In order to support the well-being of our self-financed teachers, we have implemented a range of non-statutory welfare measures. One such measure is the provision of marriage leave, which allows our teachers to take time off to celebrate their special day and embark on this new chapter of their lives.

**Employee Welfare Measures:** Taking into account their academic progress indicator, the teachers' names are recommended for career advancement. Teachers are encouraged to attend the mandatory orientation programme and refresher courses run by UGC Human Resource Development Centres of

various universities. Teachers are further encouraged to present research papers in national and international conferences and seminars with financial support from the institution. The institution, on its own, has introduced a series of welfare measures that will ensure employee satisfaction like fees concession for the employee's wards. Internet and free Wi-Fi facilities are also available inside the campus for staff. Sports activities for the teaching and Non-Teaching Staff are also organized once in a year. Skill development courses are organized for non-teaching staff when need arises. Faculty members who upgrade their research work through quality publications during the academic year are honored by management and institute through research incentive scheme every year. The National College Council Employees Cooperative Thrift Credit Society Ltd. (established in 1979) offers a maximum loan amount of Rs. 15 lakhs for both teaching and non-teaching staff with low interest. In a nutshell, the Institution strives hard to keep the staff happy and satisfied.

**Infrastructure Facilities**

Staff members are provided with complimentary access to a cutting-edge indoor stadium and gymnasium, which are equipped with state-of-the-art facilities. This privilege extends to the early morning and late evening hours, allowing individuals to engage in various workout routines and participate in sports activities. Additionally, staff members are granted unrestricted access to the institution's library facilities, enabling them to explore a vast collection of resources. Furthermore, the institution offers free access to the e-Studio, a platform that facilitates the creation of high-quality e-content. Lastly, the environment is designed to be eco-friendly and barrier-free, ensuring a sustainable and inclusive atmosphere for all.

**Other Welfare Measures**

A delightful lunch gathering is arranged for both teaching and non-staff members on the final working day of each semester, fostering a sense of togetherness. Moreover, employees are provided with Pongal Tours, allowing them to enjoy special trips during the festive season. Furthermore, a dedicated COVID-Vaccine Drive was organized within the campus, ensuring that all individuals have the opportunity to receive the vaccine. Lastly, various COVID relief measures are extended to gardeners, security personnel, and support staff, offering them the necessary support during these challenging times.

**6.3.2**

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

**Response:** 0.43

**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**

2022-23	2021-22	2020-21	2019-20	2018-19
0	0	0	1	3

File Description	Document
Institutional data in the prescribed format (data template)	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

**6.3.3****Percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDPs)/ Management Development Programmes (MDPs) during the last five years****Response:** 15.95**6.3.3.1 Total number of teachers who have undergone online/ face-to-face Faculty Development Programmes (FDP)/ Management Development Programs (MDP) during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
45	28	42	20	13

File Description	Document
Institutional data in the prescribed format (data template)	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

**6.4 Financial Management and Resource Mobilization****6.4.1****Institutional strategies for mobilisation of funds other than salary and fees and the optimal utilisation of resources****Describe the resource mobilisation policy and procedures of the Institution within a maximum of 500 words****Response:****Response:**

The Institution's resource mobilization policy is strategically designed to align with its Vision and Mission. The primary goal of this policy is to ensure that high-quality higher education is accessible to

every student.

**Aided Stream:** The Government provides financial support for the aided stream, ensuring that funds are available to sustain their operations. The revenue generated from student fees is allocated towards various essential expenses, such as the procurement of teaching and learning materials, meeting laboratory requirements, and covering other overhead costs associated with running these programs. This financial support enables the smooth functioning and maintenance of the aided stream, ensuring a conducive learning environment for the students.

**Self-Financed Stream (Unaided Programme):** In addition to the regular stream, there is also a Self-Financed stream (Unaided Programme) available. The individuals who choose to enroll in the Self-Financed programmes contribute towards various aspects of the educational institution. The fees paid by these students are utilized to cover the salaries of both teaching and non-teaching staff within the Self-Financed stream. Furthermore, these funds are also allocated towards infrastructural improvements, such as upgrading facilities and providing teaching and learning materials for the students. Additionally, assessment-related expenses are also covered using the fees collected from the takers of the Self-Financed programmes.

#### **Funds Generated through the Institutional Activities:**

The mobilization of funds in the institutions primarily revolves around several key strategies. These strategies encompass a range of broad avenues that institutions utilize to secure financial resources.

**Fund Received from UGC and other Government Agencies -2017-2023:** During the assessment period an amount of **Two Crores and Eighty Lakhs** has been received from the University Grants Commission, BST-SERB, DBT, and Ministry of Earth Science. Besides, The DBT has sanctioned **One Crore and Thirty lakhs** for M.Sc Biotechnology Programme and **One Crore and Four lakhs** for STAR College Scheme for our College

**Endowment Funds:** From 2017 to 2023, a significant portion of the endowment funds, amounting to 5.5 Lakhs, was generously donated by retired staff and alumni. Their contributions played a crucial role in supporting various academic events and accomplishments.

**Resources Mobilized by the Departments:** The departments within the organization mobilize resources by collecting donations in the form of equipment, books, and cash to support various causes that align with their needs and objectives.

#### **Optimum Utilization of Resources:**

**Financial:** In order to achieve optimum utilization of resources, the organization focuses on two key areas: financial and infrastructural. Financially, the available and mobilized resources, including materials, manpower, and finances, are carefully managed and reviewed. The General Body of the College conducts regular interim reviews of the budget, comparing the actual expenditure with the proposed plan and assessing the progress made towards the set goals. Based on this review, a renewed interim budget is presented to ensure that resources are being utilized optimally.

**Infrastructural:** On the infrastructural front, the organization strives to schedule classes in the most efficient way possible. This allows students to make the best use of the available resources, such as

classrooms, physical and computer laboratories, meeting halls, library facilities, and sports amenities. By maximizing the utility of these resources, the organization ensures that students have access to the necessary facilities and opportunities to enhance their learning experience.

#### 6.4.2

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

**Response:** 5

**6.4.2.1 Total Grants received from government/non-government bodies, philanthropists year wise during last five years (not covered in Criterion III and V) (INR in Lakhs)**

2022-23	2021-22	2020-21	2019-20	2018-19
1	1	1	1	1

#### **File Description**

#### **Document**

Institutional data in the prescribed format (data template)

[View Document](#)

#### 6.4.3

**Institution regularly conducts internal and external financial audits regularly**

**Enumerate the various internal and external financial audits carried out during the last five years with the mechanism for settling audit objections within a maximum of 500 words**

**Response:**

**Response:**

- ♦ The College has implemented a robust system for conducting both **Internal** and **External** Audits in order to ensure the accuracy and efficiency of financial transactions. To support the **Internal Audit** system, the college has employed a full-time Chartered Accountant and an Auditor who are responsible for maintaining the accounts on a regular basis. These accounts are meticulously maintained in accordance with the required standards, and to further ensure transparency and accountability, all financial records undergo an annual audit conducted by a statutory auditor.
- ♦ The financial transactions and accounting of the Aided component are subject to external **audits** conducted annually by officers from the Joint Director of Collegiate Education in Trichy. Additionally, the Auditor General in Chennai conducts audits once every five years. The Principal holds the responsibility of overseeing day-to-day financial transactions and accounting,

as well as conducting administrative audits at regular intervals to ensure proper management of the Aided component.

- ♦ A comprehensive auditing process is conducted in both the internal and external audits annually at both the College and Department levels. This process involves a meticulous examination of the income and expenses of each department within the college. To facilitate this process, detailed information regarding the various sources of income and expenses is required from each department. Furthermore, supporting documents such as bills and vouchers must be submitted to validate the financial transactions. Through this thorough auditing process, all financial activities within the college are closely monitored and held to the highest standards of financial management.
- ♦ The Principal Investigators' recurring and non-recurring expenses across different projects/schemes are meticulously examined to ensure the accuracy and transparency of financial records. This rigorous verification process guarantees that the allocated funds are utilized efficiently, promoting effective utilization of resources.
- ♦ Besides, a committee is formed every year to check the numerical status of books available in the library through “**Library Audit.**”
- ♦ The Purchase committee, under the supervision of the Institution Head, is responsible for overseeing all purchases made within the organization. It ensures that the established norms for these purchases are diligently followed. It follows the government norms/funded agency norms for calling tenders and making purchases, with the primary goal of preventing any form of malpractice. It always ensures that the college obtains the highest possible value for the money spent, thereby maximizing the benefits for the institution.
- ♦ The Institution places a strong emphasis on maintaining transparency and accountability in every aspect of its financial transactions, purchases, and transportation services. This robust mechanism plays a vital role in ensuring the seamless operation of the college and fosters a sense of trust and confidence among all the stakeholders involved. By upholding these principles, the Institution creates an environment where everyone feels secure and confident in the integrity of its operations.

## 6.5 Internal Quality Assurance System

### 6.5.1

**Internal Quality Assurance Cell (IQAC)/ Internal Quality Assurance System (IQAS) has contributed significantly for institutionalizing the quality assurance strategies and processes, by constantly reviewing the teaching-learning process, structures & methodologies of operations and learning outcomes, at periodic intervals**

**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)**

**Describe two practices institutionalized as a result of IQAC initiatives within a maximum of 500 words**

**Response:**

**Response:**

The IQAC has undertaken measures to ensure the successful implementation of the Institution's long-term plans outlined in the previous Perspective Plan. The IQAC has taken responsibility for providing expertise, guidance, and monitoring to achieve the goals set in line with the envisioned milestones.

**Teaching-Learning:** Introduced Need-based programmes like B.Com (Business process service), BMS (Agri storage and supply chain), Commerce with computer applications, B.Voc., Information, communication & Technology (ICT), Information Technology, Statistics, and Microbiology. The introduction of the M.Sc Biotechnology program under the DBT-PG Teaching Program is a significant development during the NAAC assessment period. A total of 42 Memorandums of Understanding (MoUs) have been entered into with various educational institutions, industries, and research centers. These agreements serve as formal commitments between the parties involved, fostering collaboration and cooperation in areas such as research, knowledge exchange, and joint initiatives. By establishing these partnerships, the organizations aim to leverage each other's expertise, resources, and networks to drive innovation, enhance educational opportunities, and contribute to the advancement of their respective fields. In an effort to enhance the teaching and learning practices, the IQAC undertook a comprehensive process to collect feedback from students about their teachers. The main objective of this initiative was to improve the quality of education by focusing on the professional development of faculty members. The IQAC implemented various programs and activities to upskill the teachers in terms of pedagogic innovations, authentic assessments, technological proficiency, and holistic career development. Furthermore, the IQAC also recognized the importance of providing skill-based training to non-teaching staff, with a special emphasis on promoting vertical academic progress. Newly appointed faculty members undergo a comprehensive orientation program that is designed to equip them with the necessary knowledge and skills required in academia. This program covers various important aspects such as teaching methodologies, assessment techniques, research methodologies, community engagement, and welfare measures. The sessions are conducted by subject matter experts who provide valuable insights and guidance to the faculty members. Additionally, the orientation program also familiarizes the faculty members with the institution's Vision and Mission, as well as the norms, culture, roles, responsibilities, and Code of Ethics. This holistic approach ensures that the young faculty members are empowered and committed to upholding quality standards in all their endeavors, with the support of the IQAC.

**Research and Development:** Department of Science and Technology (DST), Department of Biotechnology (DBT), Science and Engineering Research Board (SERB), and University Grants Commission (UGC) provide grants to departments for major and minor research projects, as well as collaborative research projects. Additionally, our management recognizes the significance of research and offers financial backing through seed money programs to encourage and enable research initiatives. Five Departments viz Botany, Biotechnology, Chemistry, Physics and Zoology have been recognized under the DBT star college scheme. The research conducted by our faculties has made a significant contribution to the field, as evidenced by the publication of their work in prestigious journals with high impact factors.

## 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**

**Describe any two examples of institutional reviews and implementation of teaching learning reforms facilitated by the IQAC within a maximum of 500 words each.**

**Response:**

The IQAC makes persistent efforts to assess the Teaching Learning and Assessment Processes, along with the pedagogy and technology utilized for their execution. Two noteworthy initiatives in curriculum and assessment have been implemented by the IQAC and are presented below:

- 1. OBE Based Curriculum:** The Institution's curriculum for all the programs, both undergraduate and postgraduate, is designed in accordance with its Vision and Mission. The curriculum focuses on providing a holistic education, ensuring that learners achieve their expected learning outcomes through sustained learning. To achieve this, the curriculum is aligned with Bloom's Taxonomy Levels, allowing learners to understand the program outcomes, specific outcomes, course outcomes, and learning outcomes. Teacher recommendations are collected and compared with indirect assessment methods, and curriculum revisions are made based on recommendations discussed in pre-board of studies meetings. Additionally, the introduction of new programs/courses is driven by specific requirements and the need for innovation.
- 2. Strategies to improve teaching, learning, and assessment:** The IQAC has put forward recommendations for enhancing teaching, learning, and assessment methods within the departments. These suggestions include the adoption of student-centric learning approaches and implementing structural changes in pedagogical practices. Furthermore, the IQAC has consistently emphasized the importance of utilizing ICT tools in teaching and has advised the administration to invest in advanced ICT tools and broadband internet Wi-Fi facilities to enhance the ICT infrastructure. In line with this, students have been encouraged to enroll in online courses offered by platforms such as MOOC, SWAYAM, and NPTEL. Moreover, students have enrolled themselves in programmes offered by the National Skill Development Corporation. To support faculty members, the IQAC has initiated the process of creating Vidwan IDs for all faculty members. This unique identification system aims to streamline administrative processes and facilitate effective communication within the institution. Additionally, the IQAC has established a recording room to capture lectures delivered by teachers. This facility enables the creation of valuable educational resources that can be accessed by students at their convenience. In terms of educational reforms, the IQAC has facilitated the implementation of problem-based learning, project-based learning, and subject-based and vocation-based internships for students. These initiatives provide students with practical experiences and opportunities to apply their knowledge in real-world scenarios. Furthermore, online quizzes have been introduced for internal evaluation, allowing students to assess their understanding of the subject matter and receive timely feedback. The IQAC also encourages faculty members to continuously update their qualifications and contribute to the academic community. They are encouraged to publish their research work in reputable databases such as WoS, Scopus, and UGC-CARE List. Additionally, faculty members are encouraged to contribute to the academic literature by writing chapters in books with ISBN

numbers, editing/authoring books, providing guidance to PhD students, undertaking/completing research projects, receiving awards and recognitions, and offering consultancy services. Furthermore, faculty members may take on additional responsibilities at the department and college levels, such as serving as course coordinators or lab in-charges. These additional roles allow faculty members to contribute to the overall development of the institution and enhance their professional growth.

### 6.5.3

**Institution has adopted the following for Quality assurance:**

- 1. Academic and Administrative Audit (AAA) and follow up action taken**
- 2. Conferences, Seminars, Workshops on quality conducted**
- 3. Collaborative quality initiatives with other institution(s)**
- 4. Orientation programme on quality issues for teachers and students**
- 5. Participation in NIRF and other recognized ranking like Shanghai Ranking, QS Ranking Times Ranking etc**
- 6. Any other quality audit recognized by state, national or international agencies**

**Response:** D. Any 2 of the above

File Description	Document
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>
Link to Minute of IQAC meetings, hosted on HEI website	<a href="#">View Document</a>

## **Criterion 7 - Institutional Values and Best Practices**

### **7.1 Institutional Values and Social Responsibilities**

#### **7.1.1**

**Institution has initiated the Gender Audit and measures for the promotion of gender equity during the last five years.**

**Describe the gender equity & sensitization in curricular and co-curricular activities, facilities for women on campus etc., within 500 words**

#### **Response:**

Achieving gender equity involves ensuring fairness between women and men. In order to address historical and social disadvantages faced by women, it is necessary to implement strategies and measures that level the playing field and compensate for these disparities. Ultimately, gender equity paves the way for equality. Gender equity is promoted in many ways by the institution. For 88 years, out of its 104 years of existence, the college remained a boys' college. In 2007, co-education was introduced and girls were admitted in large numbers. In teacher recruitment too, women were given equal opportunities. 50% of the workforce in the college belongs to female category. The gender club meets periodically and sensitizes the female students of job opportunities, pursuing of higher education and avoidance of early marriages. Girl students are encouraged to be office bearers in associations and clubs. In sports too the girl students have displayed their talents and have won medals. The current university level rank holders' list shows that many girls have performed well and got university ranks. College has taken several measures to enhance safety and security of women on campus by constituting women's cell. A secured compound wall around the campus with a single entry/ exit point ensures authorized/restricted entry on campus. Professional security personnel (24hours) monitor the entry of staff and students with ID cards. The Women's Cell ensures that women's privacy and rights are protected in a working environment. Also, it is prepared to receive complaints of sexual harassment and violence against women if any in all forms. Besides, CCTV cameras installed in different locations provide round the clock security. The Girls' hostel is provided with women security guards and a warden. A Complaint Box is placed outside the principal office and telephone / mobile numbers of the women cell are also made available to girl students. During the Student Induction Programme, the male students are instructed about the constitutional guarantees and social reforms that have facilitated the advancement of women's education and their place in the society. Gender Studies Course (U19GS) is mandatory for all Students in the Semester VI of the UG Programme across disciplines. In the Health Centre, a woman Medical Practitioner is available for consultation. Napkins are available in medical centre. To train women students, separate female fitness coach (GYM) and women sports trainers are available. Exclusive NCC unit for Girls (4(TN) Girls Bn NCC) is available in our college with a woman ANO. It has organised to celebrate 50th anniversary year of India's victory over Pakistan in Indo-Pakistani War of 1971 (SWARNIM VIJAY VARSH) by bringing the victory lamp to our college. Girl cadets are given equal preference in the Guard of Honour to VVIPS. In the Academic Year 2022 -2023, 8 out of 25 Heads were women. The Institution ensures the safety and security of the women by having adequate infrastructure, logistic facilities, counselling services and activities for the wellbeing of the women and so women feel safe and secure. The College's admissions process is merit-based, with no gender discrimination.

File Description	Document
Provide the link for additional information	<a href="#">View Document</a>

### 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
6. Wind mill or any other clean green energy

**Response:** C. Any 2 of the above

File Description	Document
Geo-tagged photographs of the facilities.	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

### 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:**

The college prioritizes eco-friendliness with a green campus featuring lawns, medicinal plants, and native trees. Smoking and poor-quality plastic use are prohibited. Waste is segregated into degradable and non-degradable, disposed of regularly, and bins are placed throughout the campus. National College promotes environmental consciousness through waste management, eco-friendly initiatives, and stakeholder education. Students and staff engage in programs like Swachh Bharat Abhiyan, Swachhta Pakhwada, and awareness rallies for a cleaner environment.

**Solid waste management:** Solid Waste is segregated at source and collected in Green (for disposing recyclable waste), Yellow (for non-biodegradable waste), Red (for general household waste), and Blue Dustbins (for disposing dry garbage and degradable waste). Each category is disposed of separately to Corporation. No waste is burnt inside the Campus, all the combustible waste is handed over to the

Corporation for proper disposal. Two vermicompost pits are available in the backyard of the Boy's Hostel and in which food wastes are dumped for vermicomposting. Besides, food wastes are also collected on daily basis by Varaha White Pig Farm, Thuraiyur, Tiruchirapalli District, Tamil Nadu. Paper shredding machines are available in the offices of COE, Principal and Secretary. College campus is integrated with the city corporation mechanism for further processing.

**Liquid waste management:** The waste water from canteen is used for watering trees and for non-potable usage. Waste water extracted from AC units is converted into potable water in biotechnology and geomicrobiology units. This method is unique to National College as Dr. S.Senthilkumar, one of our Professors, developed this innovative method of producing distilled water from moisture using AC condensate water. One of his Major Research Projects funded by DST was highlighted in the 2021 Annual Report of the Department of Science and Technology(DST), Govt. of India as a "Major Success Stories of DST in 2021".

**Biomedical waste management:** The Biomedical waste means any waste which is generated during the diagnosis, treatment of human beings or in research activities for example, the production or testing of biological samples. In National College only Biotechnology and Zoology faculties use animal for their research purpose from where very rarely some biomedical waste (largely waste generated during collecting blood samples) is produced. As the amount of waste is very negligible (blood stained cotton, needles, syringes), the wastes are handed over to Municipal Corporation for Biomedical waste management.

**Waste recycling systems:** The Chemistry department reduced the use of chemicals by using micro-techniques. The Biotechnology and Microbiology Department disposes micro-biological waste by neutralizing /sterilizing it before disposing in the corporation drainage system. Computers are repaired and reused.

**E-waste management:** The E-waste like empty toners, cartridges, outdated computers and electronic items are collected, stored and disposed every year according to international disposal procedures. E-waste is disposed through agencies that collect and recycle it.

File Description	Document
Any other relevant information	<a href="#">View Document</a>
Geo-tagged photographs of the facilities	<a href="#">View Document</a>

#### 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:** D. Any 1 of the above

File Description	Document
Geo-tagged photographs of the facilities	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

### 7.1.5

#### Green campus initiatives include

**Describe the Green campus initiative of the institution including Restricted entry of automobiles, Use of Bicycles/ Battery powered vehicles , Pedestrian Friendly pathways , Ban on use of Plastic, landscaping with trees and plants etc in 500 words**

#### Response:

Green campus initiatives are becoming integral part of the modern-day education system. Our college has initiated the green campus program in order to support a sustainable and climate-friendly environment. Our college is smoke free and is also a partially plastic free campus. Our college has partially paperless office and e- library. The college has addressed its waste disposal problem by vermicomposting. The solid wastes generated from the college canteen are used in vermicomposting pits to generate compost which is used in college gardening purpose. College has rainwater harvesting structure at premises. All CFLs are replaced with LED lamps almost in all the classroom. Mushroom cultivation and hardening of tissue culture plants are carried out in the polyhouse (maintained by Botany and Biotechnology dept.). Campus assessment of flora and fauna was done effectively by Zoology and Botany Departments. The NSS unit of the college deserves a special mention for organizing regular campus cleaning campaigns, awareness program on emerging issues for environmental education. The major initiative is to turn the campus green by planting native trees. If tree planting campaign is an annual feature, then campus cleaning is a regular feature with the NSS and NCC volunteers participating enthusiastically. Strict instructions are given to staff and students not to litter the campus with plastic, including broken ball pens, one-time use plastic bottles, containers, tea cups etc. On campus, there are 554 trees of 48 different species which provide green cover. 63 bird varieties are found in the campus during various seasons. The campus is also home to 43 varieties of butterflies and 5 different varieties of dragonflies. Indian Darlet, a butterfly species mostly seen in forested areas was sighted for the first time on National College Campus (a new record to central Tamil Nadu). The College implements Polyhouse farming, a variation of greenhouse farming that replaces glass with polyethene. This modification significantly lowers investment costs while maintaining a comparable return on investment. Additionally, it reduces both maintenance and set-up expenses. The cultivation and periodic harvesting of Brassica oleracea, Coriandrum sativum, Onion, and spinach are currently underway in this polyhouse. At our college, we have embraced terrace farming or rooftop farming, harnessing the vertical spaces of terraces to cultivate vibrant organic gardens. The cultivation and periodic harvesting of *Cardiospermum halicacabum*, *Solanum lycopersicum*, *Solanum nigrum*, *Abelmoschus esculentus*, *Solanum melanogena*, and *Lablab purpureus* are currently taking place. The lawns are well maintained along with the neatly pruned shrubs. Rain water harvesting units located at different points in the campus replenish the underground water table and provide steady supply of water to hostels for the daily use.

File Description	Document
Geo-tagged photographs/videos of the facilities	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

**7.1.6**

**Quality audits on environment and energy are regularly undertaken by the institution**

**The institutional environment and energy initiatives are confirmed through the following**

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

**Response:** C. Any 2 of the above

File Description	Document
Green audit/environmental audit report from recognized bodies	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

**7.1.7**

***The Institution has Differently-abled (Divyangjan) friendly, barrier free environment***

***Write description covering the various components of barrier free environment in your institution in maximum of 500 words***

- ♦ **Built environment with Ramps/lifts for easy access to classrooms**
- ♦ **Divyangjan friendly washrooms**
- ♦ **Signage including tactile path, lights, display boards and signposts**
- ♦ **Assistive technology and facilities for Divyangjan accessible website, screen-reading software, mechanized equipment**
- ♦ **Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading material, screen reading**

**Response:**

Our College provides barrier-free environment where people with disabilities can move about safely and freely and use the facilities within the built environment. The environment supports the independent functioning of individuals so that they can participate without assistance in everyday activities within the campus. According to the Rights of Persons with Disabilities Act, 2016, discrimination against disabilities are strictly prohibited. The institution intends to provide comprehensive and inclusive Teaching and Learning environment to the differently-abled students and any employees. In all the blocks, there are ramps that would help the wheel-chair bound and others to move with ease and comfort. There is a special toilet for the use of the differently-abled. Our college Library has NVDA (NonVisual Desktop Access) facility. It is an open source `screen reader` that enables blind and vision impaired people to use computers. It reads the text on the screen in a computerized voice. Users can control what is read to them by moving the cursor to the relevant area of text with a mouse or the arrows on their keyboard. Besides, there are 13000 audio books in our library for the differently-abled students. The library has also ramps and lift for the above mentioned students. There is a facilitation centre for the visually-challenged. Differently-abled candidate writing the semester examination can take assistance from another person who is normally called AMANUENSIS. An Amanuensis can be appointed by the Controller of Examination of the college to the candidate who is really disabled to write his/her examination with his own hand. Teaching staffs are appointed as amanuensis and staffs who handling the classes for the candidate are avoided. In the New Block, Jawaharlal Nehru Block and in the Library, there are lift facilities for the elderly and the differently-abled (Physically challenged). Each lift has the passenger capacity of six. The Department of Physical Education has admitted students with special needs and has helped them evolve into self-supportive individuals. In our social context, higher education is denied to such students and many of them find themselves unwanted and relegated to the margins of the society. By opening the portals of higher education to these students with special needs, our institution has broken all the artificial barriers and has helped them find a strong footing in life. The Physical Education department offers courses that are theory and practical oriented which suit these students well. A range of human variations are 'normal' and the medicalization of the individual body should give way to social construction and help such special students to develop a positive self-image. In short, it is more than humane treatment of disability.

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Provide the link for additional information	<a href="#">View Document</a>

### 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 such other diversities (within 500 words).**

**Response:**

Students of all communities study amicably together and live in hostels peacefully together. These students bring with themselves various cultural practices and contribute to the rich diversity on campus. Their cultural and linguistic differences notwithstanding, they take part in academic, curricular and co-

curricular activities. The college draws a good number of students from the neighbouring states like Kerala, Andhra Pradesh and from the distant North Eastern States. Sports and cultural activities unite all the culturally, regionally, linguistically, communally, socio-economically varied students. Festivals like Pongal and Saraswathi Pooja, Teacher's day, Fresher's Day, Farewell Day, Women's day, and Yoga day are jointly celebrated by both staff and students. Students are encouraged to take part in group or team activities. Students are also encouraged to plan and execute as a group any extra-curricular activity. The association and club activities also help them to plan and execute the events. All these provide an inclusive environment for everyone inside the college campus.

In order to foster a spirit of inclusivity and equality, the Institution's objectives emphasize the importance of instilling secular, democratic, and non-discriminatory values in students, while also sensitizing them to the needs of minority and underprivileged communities. The College prides itself on its openness to students from diverse backgrounds, including different communities, cultures, regions, languages, and socio-economic statuses. The faculty, mentors, counselors, and administration offer personalized attention to cater to the needs of each student, resulting in a diverse student body. The College guarantees a just and open admission procedure by conducting it digitally, thereby enhancing effectiveness and clarity while refraining from discriminating based on financial constraints or social differences. Financial difficulties or social diversities do not hinder students from seeking admission, as eligible students receive assistance in accessing welfare schemes provided by government and private agencies. Additionally, students facing financial constraints are given the option to pay their fees in installments, and in deserving cases, the management and private bodies cover the student's tuition and examination fees. Furthermore, the College is committed to providing differently-abled students with equal opportunities to participate in both academic and extracurricular activities, with the campus being equipped with divyanjan-friendly facilities such as ramps, hand railings, separate toilets, and wheelchairs. Value Education classes address significant topics including Human Rights, Inter-religious Relations, Secularism, and Communal Harmony. The College actively encourages national integration, peace, and communal harmony by celebrating religious, cultural, and social festival functions like Pongal, Vijayadashmi, and Dussehra thereby fostering a sense of unity among students. Moreover, the College organizes free medical and dental camps for students, ensuring their overall well-being with the support of the NCC and NSS. In times of natural disasters such as earthquakes, floods, landslides, and storms, our college collaborates with disaster relief organizations to support affected communities. We gather essential supplies from students, faculty, staff, and local residents, and distribute them to those in need. Our college contributed a sum of Rs.90650/- to the Kerala Flood Relief Fund on 4th October 2018.

### 7.1.9

*Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens*

**Describe the various activities in the Institution for inculcating values for being responsible citizens as reflected in the Constitution of India within 500 words.**

**Response:**

**Response:**

During the assessment period, Extension clubs and Departments conducted numerous Sensitization Programmes aimed at instilling a sense of nationalism and promoting awareness of the legal obligations of being a responsible citizen. These programmes focused on fostering a spirit of patriotism, emphasizing the significance of adhering to national laws, and motivating students to actively engage in the preservation of the environment and fostering unity among individuals.

National college sensitizes the students to the constitutional obligations, rights, duties, and responsibilities of citizens which enable them to live as responsible citizens. Students are provided with an efficient, encouraging, secure, accessible, and affordable learning environment to equip themselves with the disciplinary knowledge, expertise, and ethics necessary for leading a sustainable life. Students are encouraged to participate in various programmes that will create social/gender/environmental awareness, cultural/ traditional sensitivity and nationalist spirit. The value system of the college is well orientated towards grooming students who will be one day be regarded as the pride of the nation. The college has imposed codes of conduct for students and staff to follow, besides offering value education as a compulsory course for all the UG programmes. Students should follow the conduct rules. NCC (five wings) and NSS units conduct regularly various social activities to serve the society. Guest lectures by eminent personalities are also arranged department wise to inculcate the importance of social responsibilities. Value Education classes are offered to students, covering a diverse range of subjects including the values embedded in our Constitution, India's rich Cultural Heritage, Human Rights, Inter-religious relations, Secularism, Communal Harmony, Animal rights, and Contemporary Environmental Issues. The institution also commemorates significant National days to uphold India's sovereignty and integrity, reminding students to uphold the principles that inspired our country's freedom struggle and to show respect for the National Flag and Anthem. The Interational Sanskrit Day was celebrated in our college in associaton with Bharathiya Vidya Bhavan, Trichy Chapter and Samskrita Barati, Trichy. The institution emphasizes community service through activities like blood donation camps, collection and distribution of essential commodities and stationery, as well as raising awareness about environmental protection and cleanliness through tree plantation drives, plastic collection, cleanliness drives, and other initiatives. Days of international significance are also observed, such as World Ozone Day, World Food Day, Water Day, and Wildlife Week, with screenings of documentaries on environmental topics.

**Abiding by the national legislation:** Students took part in the sensitization programmes related to road safety, Child Rights and Protection, Traffic rules awareness and Social Impact of corruption.

**The Bond of Unity:** The staff and students actively contribute to the state and nation whenever necessary, including assisting during health camps, supporting healthcare centers during the COVID-19 pandemic, and participating in election-related activities. By working hand in hand with local teams, our students and staff efficiently coordinated relief efforts and ensure that essential aid reaches those who have been affected by cyclones, floods, and the COVID-19 crisis. The distribution of relief materials has significantly contributed to alleviating the hardships faced by the affected individuals. Our college contributed a sum of Rs.90650/- to the Kerala Flood Relief Fund on 4th October 2018.

File Description	Document
Details of activities that inculcate values necessary to nurture students to become responsible citizens	<a href="#">View Document</a>

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

**Response:** C. Any 2 of the above

<b>File Description</b>	<b>Document</b>
Policy document on code of ethics.	<a href="#">View Document</a>
Handbooks, manuals and brochures on human values and professional ethics	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

**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:**

**Practice 1**

**1. Title of the Practice:** “Learning for All: Equitable and Inclusive Education for Students with Special Needs”

**2. Objectives of the Practice:**

- a) To bring about positive changes in the lives of children with physical and mental disabilities
- b) To provide a lively atmosphere so that they learn, take part in sports and showcase their inborn talents
- c) To make them feel they are equals and wanted
- d) To remove the social stigma and help them actualize their selves

### 3. The Context

In our social context, higher education is denied to such students and many of them find themselves unwanted and relegated to the margins of the society. By opening the portals of higher education to these students with special needs, the institution has broken all the artificial barriers and has helped them find a strong footing in life. The Physical Education department offers courses that are theory and practical oriented which suit these students well. A range of human variations are 'normal' and the medicalization of the individual body should give way to social construction and help such special students to develop a positive self-image. In short, it is more than humane treatment of disability.

### 4. The Practice

Being a student of physical education gives them overall physical fitness, reduces the risk of many diseases and ailments, increases motor skills, improves cognition and emotional and psychological health. They spend a lot of time outdoors, play games, develop team spirit, volunteer to work and enrol themselves in camp activities. Their normal day in the college is divided between classroom learning and outdoor training in sports and games.

### 5. Evidence of Success

Their participation in sports and games meant for the differently-abled and winning medals and certificates speak volumes about their potentials. Students like C. Soorya, K. Vinod Kumar, R. Shyam Ganesh, P.Sashank, T. Rochen Vijey, Sachin, J. Abhishek Maduram, A. Gokula Krishnan, S. Kannan, S. Audithya, Arsh Ahamed Shaikh, K. Pranov Anand, G. Adithya, C.Aadesh, C.K.Ruhan and B. Guruveth Aadhis have made everyone around them proud in recent times.

### 6. Problems Encountered and Resources Required

- a) To teach them language skills and arithmetic requires patience and persistence on the part of the teacher
- b) There are non-instructional responsibilities which are daunting for a teacher
- c) Lack of moral support from others and professional isolation could be demoralising for teachers at times
- d) Managing an inclusive classroom is fraught with unexpected behavioural quirks on the part of students
- e) Human resources like teachers with training in special education
- f) Infrastructure like separate restroom and gadgets to support them

### Practice 2

**1. Title of the Practice:** "Preparatory and Revision Classes for NET /JRF aspirants in the Subject English"

## **2. Objectives of the Practice:**

- a) To instil in students a sense of confidence that will energise them to perform well in a national level test
- b) To strengthen their foundational knowledge in the subject English
- c) To make them eligible as an assistant professor so that their job prospects improve
- d) To help them do full-time research with ease of mind as they receive financial support in the form of Junior Research Fellowship
- e) To extend education to aspirants, particularly educationally backward and minorities, beyond our campus using the expertise available on campus

## **3. Context**

Most students after completing their postgraduate studies prefer the tougher and longer route of PhD to make themselves qualified. Besides, they shy away from taking part in this national level exam that will in fact help them to migrate to different parts of the country and find jobs. The national level exam helps them to learn the subject holistically and thus help them to fill in the gaps that are there in their learning as they come from a varied background – autonomous colleges, affiliated colleges and universities. Students from National College have needed motivation to learn and it has to be created by the peers from other institutions.

## **4. The Practice**

The Department of English conducts Preparatory Classes in the month of June for ten days and Revision Classes for five to seven days in the month of December every year. These classes are open to students, research scholars and teachers from colleges and universities. It was started initially as a programme meant for the scheduled caste and scheduled tribe students, sponsored by the UGC in 2008. The practice has continued since then with three teachers coming forward to train the aspirants. Dr.D.E.Benet, Associate Professor of English, Dr.R.Natarajan, Assistant Professor of Commerce, and Ms. P.Sundari, Assistant Professor of Computer Science, have effectively imparted training to achieve remarkable results. The classes are conducted on campus with the Management supporting the teachers to the hilt. Accommodation and food are provided for both men and women participants on campus at heavily subsidized rates. Till date, the registration fee has never crossed Rs.2000/- which covers tea, snacks, working lunch, classes in air-conditioned hall and remuneration for the resource persons.

## **5. Evidence of Success**

More than 400 students have cleared both SET and NET exams since 2010. In the last seven years (2016-2023) alone nearly 150 aspirants have cleared NET/JRF exam conducted by the UGC and the NTA. Their success is well documented in the form of registration to the classes, the scanned copies of their score card and qualifying certificates issued by the UGC and NTA. These successful candidates have found employment in some of the nationally ranked institutions across Tamilnadu.

## **6. Problems Encountered and Resources Required**

- a) In the initial two years, there was a low student turn out and the pass rate was nil.
- b) Lack of enthusiasm from other teachers as well as moral support
- c) Finding appropriate study material and developing learning strategies
- d) Material production and material distribution

### 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:**

It is a one hundred and four year old institution founded on the principles of nationalism and social equity. The motto of this College is "Saa Vidya Yaa Vimukthayea" - The source of "sa vidya yavimuktaye" is Vishnu Purana 1.19.41: Meaning: Those acts alone which help one to avoid bondage are the rightful/righteous acts and that learning alone which leads one to release is real knowledge or vidya. All other acts end up only in fatigue and all other learning is a mere exhibition of skill in arts which means Education is that which has Liberation as its aim or Knowledge is that which liberates. Today, the college caters to the needs of rural students who are socially and economically backward. Through its student-centred activities, the institution has brought personal transformation and social transformation in the lives of its students. The institution promotes Indian culture and celebrates its diversity through many programmes and festivals. It also aims at promoting the welfare of special students. The Department of Physical Education has admitted students with special needs and has helped them evolve into self-supportive individuals.

**The Focus:**

1. Cultivate a sense of service in every student
2. Help students comprehend that the ultimate objective of education is to contribute to the betterment of humanity.
3. Inspire students to become accountable citizens who are attentive to the requirements and expectations of society.

**Institutional Efforts:**

A.Foster a deep-rooted commitment to serving others within each and every student. Encourage them to embrace the value of selflessness and the importance of making a positive impact on the lives of those around them. By instilling a sense of service, our college empowers students to actively seek out opportunities to lend a helping hand and contribute to the betterment of their communities.

1. Transmitting the fervor to be of help: The Institution firmly believes in the transformative power of service and aims to cultivate a sense of responsibility and empathy in its students. To achieve this, the institution offers a multitude of service opportunities that are accessible to every student. Through the Extension Clubs, students are encouraged to actively participate in community service initiatives that align with their interests and passions. By engaging in these activities, students not only contribute to the betterment of their communities but also enhance their personal growth and development. Additionally, the institution recognizes the value of community service by making it mandatory for students to earn credits towards their Degree, ensuring that they not only excel academically but also become well-rounded individuals who are committed to making a positive difference in society.

2. Students are motivated to do projects that address social issues. Students are becoming more cognizant and invested in the challenges our world is facing, ranging from climate change to social inequalities. As a result, students are being motivated to conduct research on these pressing societal matters, starting from postgraduate studies up to doctoral level.

3. Through the associations: Public Rallies (Anti-tobacco, Anti-drug, No-Plastic), Tree Plantation, Health camps (Free eye camps, free blood grouping camps, free body check up camps), Mass Blood donation camps were organized from 2017 to 2023. NNC (Air Wing) of our college released the Blood Donors Directory Supplement 2018 & 2019 containing the details of more than thousand donors. Students who have donated blood two times during the academic year are honoured. Furthermore, the College hosted training sessions (in 2016, 2018, 2019, 2022) specifically designed for police personnel, focusing on creating awareness and providing tools for a life without stress.

4. Students are strongly urged to proactively step forward and offer assistance to their fellow students residing in areas that have been struck by natural calamities. This involves collaborating closely with local teams to effectively organize and manage relief operations. - Following the occurrence of cyclones, floods, and the COVID-19 pandemic, a substantial quantity of relief supplies were respectively allocated and distributed. These provisions played a crucial role in delivering vital support to individuals impacted by these catastrophic events. - It is highly encouraged for students to take the lead in extending their support to fellow students residing in disaster-affected regions. By working hand in hand with local teams, they can efficiently coordinate relief efforts and ensure that essential aid reaches those who have been affected by cyclones, floods, and the ongoing COVID-19 crisis. The distribution of relief materials has significantly contributed to alleviating the hardships faced by the affected individuals. Our college contributed a sum of Rs.90650/- to the Kerala Flood Relief Fund on 4th October 2018.

B. Encouraging students to develop a comprehensive comprehension of education's broader purpose is of utmost importance. It is crucial to underscore the significance of utilizing the knowledge and abilities they acquire to bring about a significant impact in society. By fostering this perspective, our educational institution can effectively motivate students to perceive education as a potent instrument for instigating positive transformations and enhancing the well-being of others.

C. Encourage students to fully embrace their role as responsible citizens who are deeply connected to the needs and aspirations of their communities. Create an atmosphere that motivates them to actively participate in the world around them, proactively seeking to comprehend the complexities and obstacles that society confronts. Through cultivating a strong sense of responsibility, our college can empower students to assume control over their choices and strive towards establishing a fair and inclusive society.

<b>File Description</b>	<b>Document</b>
Appropriate webpage in the Institutional website	<a href="#">View Document</a>

## **5. CONCLUSION**

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### **Additional Information :**

Research is highly valued at the institution, and both staff and students are actively encouraged to partake in this endeavor. To facilitate the dissemination of research findings, the institution provides a platform where scholars can present and publish their work in reputable journals. These journals include esteemed publications such as Web of Sciences, Scopus indexed, High Impact Factor, and UGC-CARE listed ones. Additionally, the institution promotes the participation of its members in national and international conferences, which serve as excellent avenues for showcasing their research work. By fostering an environment that prioritizes innovation and creativity, the institution motivates students not only to excel academically but also to develop practical products that can make a tangible impact.

At the Institution, gender equality is a top priority, and it consistently strives to create a level playing field for all individuals. Moreover, it actively contributes to environmental sustainability by implementing effective recycling programs for organic waste, plastics, paper, and electronic waste. By embracing inclusivity, the Institution ensures that everyone feels welcome and respected, while also instilling a strong sense of eco-consciousness and upholding social values.

Service-Learning stands as an innovative educational approach that seamlessly merges academic learning with impactful service endeavors that directly address the community's requirements. The core objective of this pedagogical model is to cultivate a strong sense of social responsibility among students. To align with the institution's overarching mission and vision, extensive measures have been taken to integrate Service Learning courses into the curriculum of all undergraduate programs.

### **Concluding Remarks :**

National College has made significant progress and achieved numerous milestones in the 104 years since its establishment. It stands out as an excellent choice under the Choice Based Credit System, offering Outcome-Based Education that focuses on research, innovation, and extension activities. The college also emphasizes sustainability and community services, ensuring that students are well-prepared to tackle future challenges. To enhance the learning experience, National College has introduced a range of new courses and state-of-the-art facilities. The institution employs creative teaching methods and maintains a transparent evaluation system. These initiatives are in line with the college's vision and mission. Recognizing the evolving demands of the current job market, National College provides skill-based education that is relevant to various industries. National College Instrumentation Facility plays a crucial role in facilitating research for both staff and students, enabling them to publish their findings in reputable journals with high impact factors. Additionally, National College has established numerous academic partnerships and collaborations with prestigious national and international universities, colleges, and institutions. These collaborations have resulted in the exchange of knowledge and resources, enriching the academic experience for students. In the field of science, Virtual Labs are utilized as a pedagogical tool, allowing students to engage in practical learning experiences. Faculty members employ interactive classroom pedagogical methods, utilizing Learning Management System (LMS) platforms and ICT resources to promote blended teaching and learning. This includes the use of audios, videos, PowerPoint presentations, and various interactive applications. National College takes pride in the successful placement of a significant number of its students in renowned companies. This achievement is a testament to the college's commitment to providing quality education and equipping students with the necessary skills for

career success. National Service Scheme (NSS), National Cadet Corps (NCC), and various Extension Clubs play a vital role in fostering outstanding community engagement and service. The Department of Physical Education has also made remarkable achievements, earning numerous intercollegiate, university, state, national, and international trophies, accolades, awards, and recognitions. This highlights the college's dedication to promoting physical fitness and sportsmanship among its students. Overall, National College has continuously expanded its horizons and achieved remarkable progress over the years. Through its commitment to excellence in education, research, and community engagement, the college has established itself as a leading institution in the field of higher education.