Yearly Status Report - 2018-2019

Part A	
Data of the Institution	
1. Name of the Institution	**NATIONAL COLLEGE (AUTONOMOUS), TIRUCHIRAPALLI**
Name of the head of the Institution	**DR R SUNDARARAMAN**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**04312482995**
Mobile no.	**9443187019**
Registered Email	**principal@nct.ac.in**
Alternate Email	**principalrsr@nct.ac.in**
Address	**DINDIGUL ROAD KARUMANDAPAM TIRUCHIRAPALLI**
City/Town	**TIRUCHIRAPALLI**
State/UT	**Tamil Nadu**
Pincode	**620001**

2. Institutional Status

Autonomous Status (Provide date of Conformant of Autonomous Status)	**12-Mar-2010**
Type of Institution	**Co-education**
Location	**Urban**
Financial Status	**private**
Name of the IQAC co-ordinator/Director	**DR M S MOHAMED JAABIR**
Phone no/Alternate Phone no.	**04312482995**
Mobile no.	**9786425226**
Registered Email	**iqac@nct.ac.in**
Alternate Email	**mohamedjaabir@nct.ac.in**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://www.nct.ac.in/AQAR2017-2018.pdf

4. Whether Academic Calendar prepared during the year

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	http://www.nct.ac.in/downloads/handbook/nct-handbook-2019-2020.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
2	**A**	**3.34**	**2011**	**16-Sep-2011**	**15-Sep-2016**
3	**A+**	**3.61**	**2016**	**05-Nov-2016**	**14-Nov-2021**

6. Date of Establishment of IQAC

6. Date of Establishment of IQAC	**23-Sep-2005**

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries

NIRF Ranking	29-Nov-2018 1	100
IQAC meeting	12-Feb-2019 1	12
AISHE	27-Feb-2019 1	10
Academic Audit	18-Mar-2019 10	300

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8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Biotechnology, Botany, Physics, Chemistry and Zoology	STAR COLLEGE	DBT	2019 1825	10400000

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9. Whether composition of IQAC as per latest NAAC guidelines:	**Yes**
Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	**1**
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	**Yes**
Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	**No**

12. Significant contributions made by IQAC during the current year(maximum five bullets)

* Proposal to STAR College Scheme was submitted and got sanctioned. * Academic Audit using external subject experts * Participated in NIRF Ranking * AISHE data was submitted * PM-YUVA, Entrepreneurship Development Programme was conducted

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achivements/Outcomes
It was planned to celebrate Centenary with various events like Seminar, Workshops, Inter-Collegiate students competition, Conference, Alumni meeting etc.,	Many Conference, Seminars, Workshops were conducted
[View File](#)	

14. Whether AQAR was placed before statutory body ?	Yes

Name of Statutory Body	Meeting Date
College Committee	13-Dec-2019

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No

16. Whether institutional data submitted to AISHE:	Yes

Year of Submission	2019

Date of Submission	27-Feb-2019

17. Does the Institution have Management Information System ?	Yes

If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	It is a custom made software. It has admission, Fee, attendance and examination modules. The admission module facilitate to collect all the particulars of the students who are admitted to UG/PG/M.Phil., programmes. The admission data are used in the Library, Finance section, Hostel, CoE office and Placement Cell. The module also supports to issue TC to the students at the completion / discontinuation of the programme. The fees module facilitate to provide fees details to the students, invoice generation, unpaid list generation and to collect penalty if any. The module also supports to generate list of students and the fee to be paid to the University in the I Year. The attendance module has provision to

enter attendance of all the students, to generate monthly/semesterwise report, to calculate the percentage, to prepare the list of students who are withheld for examination due to shortage of attendance. The Examination module has provision for the submission of online examination form, generate hall ticket, to provide examination schedule to the students, to allot rooms for the students for the written examination, online publication of results and to print semester wise / consolidated mark statements. There is a separate software for the preparation of monthly salary bill for the teaching and non teaching staff. The software also has facility for PF loan, EL Surrender, Pension calculation and all other financial aspects of the staff.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

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

Name of Programme	Programme Code	Programme Specialization	Date of Revision
MPhil	M18CO1	Commerce	24/10/2018
MPhil	M18CO2	Commerce	24/10/2019

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1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
BSc	Zoology	18/06/2018	Aqua Culture	18/06/2018
BSc	Zoology	18/06/2018	Vermiculture	18/06/2018
BSc	Zoology	18/06/2018	Economic Entamology	18/06/2018
BA	English	18/06/2018	Journalism and Mass Communication	18/06/2018
BA	English	18/06/2018	English Language Teaching	18/06/2018
BA	English	18/06/2018	Media Studies	18/06/2018
BA	English	18/06/2018	Translation Theory and Practice	18/06/2018
BSc	Physical Education	18/06/2018	Fitness Management	18/06/2018

BSc	Biotechnology & Microbiology	18/06/2018	Post Graduate Diploma in BioProcess Technology (UGC-Innovative)	18/06/2018
BSc	Biotechnology & Microbiology	18/06/2018	Post Graduate Diploma in Clinical Trial Management and Regulatory Affairs	18/06/2018
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1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

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

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BSc	Computer Science	18/06/2018
BSc	Computer Applications	18/06/2018
BSc	Information Technology	18/06/2018
BSc	Physical Education	18/06/2018
BA	English	18/06/2018
BA	Tamil	18/06/2018
BA	Economics	18/06/2018
BA	History	18/06/2018
BCom	Commerce	18/06/2018
BCom	Commerce with Computer Applications	18/06/2018
BBA	Business Administration	18/06/2018
MSc	Botany	18/06/2018
MSc	Zoology	18/06/2018
MSc	Physics	18/06/2018
MSc	Chemistry	18/06/2018
MSc	Computer Science	18/06/2018
MSc	Applied Geology	18/06/2018
MSc	Mathematics	18/06/2018
MSc	Geophysics	18/06/2018
MSc	Yoga	18/06/2018
MA	English	18/06/2018

MA	Tamil	18/06/2018
MA	Economics	18/06/2018
MCom	Commerce	18/06/2018
BSc	Botany	18/06/2018
BSc	Zoology	18/06/2018
BSc	Physics	18/06/2018
BSc	Chemistry	18/06/2018
BSc	Biotechnology	18/06/2018
BSc	Microbiology	18/06/2018
BSc	Statistics	18/06/2018
BSc	Mathematics	18/06/2018
BSc	Geology	18/06/2018

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Journalism and Mass Communication	18/06/2018	35
English Language Teaching	18/06/2018	18
Python Programming	19/12/2018	67
Diploma in Yoga Fitness	18/06/2018	10
PG Diploma in Analytical Techniques	18/06/2018	26
Diploma in Welding and Fabrication	18/06/2018	50
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BSc	Geology	118
BA	English - New Beats	5
BA	English - Teaching Practice	5
BSc	Physical Education-Summer Coaching Camp	150
BSc	Physical Education-Weekly Camp	50
BSc	Botany - Biodiversity of plants	26
BSc	Zoology	20
MSc	Zoology	3
MSc	Applied Geology	24
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	No
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained

Feedback obtained from students is processed using standard parameters. The data are processed using MS office Excel and the outcome is communicated to all the stakeholders.Feedback is collected by using Google forms in the online mode. All the students of the College are allowed to give their opinion / feedback about all those faculty who came to their respective classes in the earlier semester. The feedback is obtained on a 5 point scale, where '1' is minimum and '5' maximum score. Every student at the same time also renders his / her opinion about the campus facilities in general on a similar 5 point scale. The responses are consolidated on excel spread sheet and produced to the faculty concerned for their own appraisal or improvement.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BSc	BOTANY	24	40	20
BSc	ZOOLOGY	64	46	21
BSc	PHYSICS	88	173	76
BSc	CHEMISTRY	88	162	77
BSc	BIOTECHNOLOGY	40	45	39
BSc	MICROBIOLOGY	40	10	6
BStat	STATISTICS	40	10	5
BSc	MATHEMATICS	110	181	101
BSc	GEOLOGY	80	175	85
BSc	COMPUTER SCIENCE	170	125	107
BCA	COMPUTER APPLICATIONS	170	120	109
BSc	INFORMATION TECHNOLOGY	30	40	35
BSc	PHYSICAL EDUCATION	40	80	56
BA	ENGLISH	150	141	76
BA	TAMIL	30	49	24

BA	ECONOMICS	50	50	39
BA	HISTORY	50	69	32
BCom	COMMERCE	300	552	286
BCom	COMMERCE WITH COMPUTER APPLICATIONS	60	70	59
BBA	BUSINESS ADMINISTRATION	110	175	40
MSc	BOTANY	14	15	9
MSc	ZOOLOGY	20	15	12
MSc	PHYSICS	49	70	35
MSc	CHEMISTRY	56	94	50
MSc	COMPUTER SCIENCE	60	15	7
MSc	GEOLOGY	12	34	11
MSc	MATHEMATICS	50	77	46
MSc	GEOPHYSICS	25	2	2
MSc	YOGA	25	4	4
MA	ENGLISH	55	64	25
MA	TAMIL	25	13	5
MA	ECONOMICS	25	10	6
MCom	COMMERCE	45	51	20
MPhil	ECONOMICS	8	10	8
MPhil	TAMIL	30	15	13
MPhil	ENGLISH	30	45	30
MPhil	MATEMATICS	32	45	32
MPhil	PHYSICS	40	18	14
MPhil	BOTANY	20	11	8
MPhil	COMMERCE	15	15	11
MPhil	ZOOLOGY	5	3	2
MPhil	COMPUTER SCIENCE	4	5	1
MPhil	BIOTECHNOLOGY	2	2	1
MPhil	CHEMISTRY	20	0	0
MPhil	GEOLOGY	16	0	0
MPhil	PHYSICAL EDUCATION	2	0	0

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2.2 – Catering to Student Diversity

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

Year	Number of students enrolled	Number of students enrolled	Number of fulltime teachers	Number of fulltime teachers	Number of teachers

	in the institution (UG)	in the institution (PG)	available in the institution teaching only UG courses	available in the institution teaching only PG courses	teaching both UG and PG courses
2018	3582	475	12	0	233

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Toolsand resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
245	133	22	25	10	25

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

YES. Under the tutor ward system, a batch of students not exceeding 20 is assigned to a professor on their admission to I Year UG/PG programmes. The professor is designated as tutor and entrusted with the responsibility of mentoring the students throughout the duration of the programme. The idea is to build a good rapport between them so that boys can get personal attention and the teachers can understand the students and their requirements thoroughly. The wards meet their tutor individually after a common first meeting where the basic theme of the system and the role of the wards are explained. The students are assured of assistance and guidance on all matters relating to their welfare. The wards meet their tutor at least twice in a month. Frequency of meeting is decided by the needs of the students and the tutor adopts an open door policy. A counselling record note is prepared for each student. It contains vital information about the student. His academic performance in tests,attendance and details of assignment submission are recorded in the note. The tutor gives his comments and records his suggestions. Parents/guardians are informed of the performance and progress and their signature is obtained in the note. The tutor makes an evaluation of the ward capabilities,skills,aspirations and aptitude. He counsels him on the steps to be taken for achieving his goals. For instance, a student who wishes to take teaching is counselled on teachers education,courses to be studied,requirements of job etc.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
4057	89	15

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
306	258	48	36	145

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2018	Dr.D.PRASANNA BALAJI	Director	BEST NSS Program officer
2018	Dr. R. RAVICHANDRAN	Associate Professor	Puduchery Padaippalar Iyakkam
2018	Dr. A. MURUGANANDHAM	Assistant Professor	Puduchery Padaippalar Iyakkam

2018	Dr. A. MURUGANANDHAM	Assistant Professor	Paventhar Bharathidasan Endowment
2018	Dr. S. SENTHIL KUMAR	Assistant Professor	Recipient of INQUA FELLOWSHIP (International Union for Quaternary Research) to present my research work at the iSLR2018 International ECR Conference held at Utrecht, Netherland
2018	Dr. S. SENTHIL KUMAR	Assistant Professor	Travel support to attend International Conference Science Engineering and Research Board, Govt. of India
2018	Dr. V. SRIVIDHYA	Assistant Professor	Outstanding Teacher Award of 201819 of National College, Punch Gurukulam Trust
2018	Dr. V. SRIVIDHYA	Assistant Professor	Best Research Supervisor Award Indian Academic Researchers' Association
2019	Dr.P.PARIMALA SEKAR	Associate Professor	Mahatma Gandhi Life Achievement Award. India International Friendship Society, New Delhi
2019	Prof. T. RAMADOSS	Assistant Professor	Agni Siragukal Endowment, Krishnagri
2019	Dr. K. BHUVANESWARI	Assistant Professor	Agni Siragukal Endowment, Krishnagri
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2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BSc	All UG	I / 2018 2019	24/11/2018	28/11/2018

MSc	All PG	I / 2018 2019	24/11/2018	28/11/2018
BSc	All UG	II / 2018 2019	17/05/2019	18/05/2019
MSc	ALL PG	II / 2018 2019	17/05/2019	18/05/2019
MPhil	Full Time	2018 2019	28/02/2019	04/03/2019
MPhil	Part Time	2018 2019	16/05/2019	20/05/2019
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2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
220	4049	5

2.6 – Student Performance and Learning Outcomes

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

http://www.nct.ac.in/students-cbcs.html

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
BSBO	BSc	BOTANY	22	17	77.3
BSZY	BSc	ZOOLOGY	31	26	83.9
BSPH	BSc	PHYSICS	67	57	85.1
BSCH	BSc	CHEMISTRY	75	38	50.7
BSMS	BSc	MATHEMATICS	93	77	82.8
BSGY	BSc	GEOLOGY	78	68	87.2
BSCS	BSc	COMPUTER SCIENCE	107	79	73.8
BCA	BCA	COMPUTER APPLICATIONS	102	81	79.4
BSPE	BSc	PHYSICAL EDUCATION	28	15	53.6
BBA	BBA	BUSINESS ADMINISTRATION	57	46	80.7
BAEN	BA	ENGLISH	83	45	54.2
BATL	BA	TAMIL	27	19	70.4
BAHY	BA	HISTORY	30	19	63.3
BAEC	BA	ECONOMICS	48	24	50.0
BCOM	BCom	COMMERCE	207	161	77.8
BCOMCA	BCom	COMMERCE WITH COMPUTER APPLICATION	49	34	69.4

BSBT	BSc	BIOTECHNOLOGY	28	15	53.6
MSBO	MSc	BOTANY	14	13	92.9
MSZY	MSc	ZOOLOGY	3	3	100.0
MSPH	MSc	PHYSICS	35	31	88.6
MSCH	MSc	CHEMISTRY	50	40	80.0
MSBT	MSc	BIOTECHNOLOGY	9	9	100.0
MSMS	MSc	MATHEMATICS	44	42	95.5
MSGY	MSc	APPLIED GEOLOGY	10	10	100.0
MATL	MA	TAMIL	8	7	87.5
MAEN	MA	ENGLISH	34	28	82.4
MAEC	MA	ECONOMICS	8	8	100.0
MCOM FM	MCom	FINANCIAL MANAGEMENT	2	1	50.0

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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

http://www.nct.ac.in/students-feedback.html

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

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

No
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3.1.2 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
No Data Entered/Not Applicable !!!				
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3.2 – Resource Mobilization for Research

3.2.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	1095	DST SERB	3285000	430000
Major Projects	1095	DST	2515000	600000
Major Projects	1095	DST SERB	3715800	0
Major Projects	1095	DST	1078400	0
Major Projects	1095	DST SERB	2500000	1600000

Minor Projects	365	UGC	105000	20000
Minor Projects	365	UGC	140000	0
Industry sponsored Projects	1095	NIOT	2200000	527634
Any Other (Specify)	1825	UGC	15000000	1888000
Any Other (Specify)	1825	DST	11000000	9250000

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

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3.3 – Innovation Ecosystem

3.3.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
No Data Entered/Not Applicable !!!		
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3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
No Data Entered/Not Applicable !!!				
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3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
No Data Entered/Not Applicable !!!					
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3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Botany	4
Chemistry	3
Physical Education	1
Mathematics	3
Tamil	4
English	9
Commerce	12
Physics	3
Biotechnology	2

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

Type	Department	Number of Publication	Average Impact Factor (if any)
National	Chemistry	8	00
National	Economics	5	00
National	Zoology	1	00
National	Physics	2	00
National	Botany	4	00
International	Chemistry	6	3.00
International	Tamil	10	3.5
International	Economics	4	4.31
International	English	24	5.78
International	Botany	18	5.71
International	Computer Science	22	0
International	Economics	5	5.23
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3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Tamil	1
Zoology	1
Physics	2
Biotechnology	2
Botany	2
Chemistry	16
Commerce	10
Computer Science	27
Economics	8
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3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
No Data Entered/Not Applicable !!!			
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3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Noncovalent	M. Murali	Int. J. Biol. Mol.	2018	8	National College	8
Functional	M. Murali	Inorg. Chem.	2018	2	National College	1

Title of the Paper	Name of Author	Title of journal	Year of publication		Institutional affiliation as mentioned in the publication
		Commun.			
Facile combustion synthesis, structural, morphological, optical and antibacterial studies of Bi1?xAlxFeO3 (0.0 ? x ? 0.15) nanoparticles	A.T. Ravichandran, J. Srinivas,R. Karthick, A. Manikandan, A. Baykal	Ceramics International	2018	0	PG Research Department of Physics, National College	0
Exploration	V. Renuga	J. Alloys and Compounds	2019	66	National College	0
Enhanced Magnetooptical and Antibacterial Studies of Bi1?xMgxFeO3 (0.0 ? x ? 0.15)) Nanoparticles	A.T. Ravichandran ,J. Srinivas , A. Manikandan ,A. Baykal	Journal of Supersonductivity and noval magnetism	2019	0	PG Research Department of Physics, National College	0

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3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
No Data Entered/Not Applicable !!!						
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3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	49	61	28	18
Presented papers	42	20	3	0
Resource persons	9	19	21	16

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3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)

Geology	Field Investigations for shore line management project along the coastal stretch between Poovar and Thuthukudi, Tamil Nadu coast	NIOT, Chennai	527634
NCIF	Analysis of sample using sophisticated research equipment	Colleges, Universities and Research Institutions across India	834840

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3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
No Data Entered/Not Applicable !!!				
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3.6 – Extension Activities

3.6.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Blood Grouping Camp	Kali blood bank, Tanjore.	1	78
Sabari Malai Seva	Agila India Ayyapa Seva Sanagam	1	10
Blood Donation Camp	Mahathma Gandhi Memorial Govt. Hospital, Trichirapalli	10	50
Eye Check Up Camp	AG Eye Care Hospital, Trichirapalli	8	100
Health Check Up Camp	Medall Health Care Pvt. Ltd	5	150
Importance of Breast Feeding	EKAM foundation, Chennai	10	200
Tree Plantation Campaign	LIONS Club, Tiruchirappalli	15	300
Blood Donation Camp	LIONS Club	12	40
Relief Work	National College	20	500
Special Camp	NSS Special Camp	2	100

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3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
No Data Entered/Not Applicable !!!			
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3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Awareness Programme for World Water Day	ARMD SQN NCC	World Water Day	1	80
Shramdaan	Girls Bn NCC	Cleaning of streets	1	30
Social Welfare Programme	NSS	Importance of Breast Feeding	2	50
Campaign	NSS	Tree Plantation Campaign	2	30
Social Welfare Programme	NSS	Removal of Seemai Karuvelam	2	100
Entrepreneurship Awareness Camp	Entrepreneurship Development Cell	Entrepreneurship Awareness	2	300
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3.7 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
Research	Dr. M.S. Mohamed Jaabir	Sri Ramachandra Institute of Higher Education and Research (DU), Porur, Chennai	90
Research	Dr. M.S. Mohamed Jaabir	National Center for Alternatives to Animal Experiments, Bharathidasan University, Tiruchirappalli, India	30
Research	Dr. M.S. Mohamed Jaabir	Dept. of Nuclear Physics University of Madras Guindy Campus, Chennai 600 025, INDIA	30
Research	Dr. S. Senthil Kumar	MoES	780

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3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Collecting News,Proof Reading	Employment Opportunities	Dinamalar Daily	01/06/2018	30/03/2019	Students of Advance Diploma in Journalism
Class Room Observation, Teaching	Employment Opportunities	Alpha Group of Schools	01/06/2018	30/03/2019	Students of Advance Diploma in Teaching English
Research	Analysis of sample	IIESR, Calcutta	01/08/2018	31/07/2019	Dr. Manoj Jaiswal
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3.7.3 – MoUs signed with institutions of national, international importance, other institutions, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Institute of Company Secretaries of India	30/01/2019	Classes for ACS Foundation Programme	15
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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
50000000	53909650

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Seminar halls with ICT facilities	Existing
Classrooms with LCD facilities	Existing

Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing
Classrooms with Wi-Fi OR LAN	Existing

4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
NIRMAL	Fully	Pro 3.2.0	2010

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Others(specify)	0	0	1	500379	1	500379
Others(specify)	0	0	4	54682	4	54682
Others(specify)	0	0	1	14509	1	14509
Others(specify)	0	0	1	65000	1	65000
Text Books	98863	87007654	1514	317538	100377	87325192
Reference Books	9280	1221352	243	125145	9523	1346497
e-Books	107	135112	0	0	107	135112
Journals	83	427250	73	165285	156	592535
e-Books	84746	110750	6850	19470	91596	130220
CD & Video	320	4750	0	0	320	4750
Library Automation	1	45000	0	0	1	45000
Weeding (hard & soft)	170	27200	19	2850	189	30050

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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platformon which module is developed	Date of launching e-content
No Data Entered/Not Applicable !!!			
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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth	Others

								(MGBPS)	
Existing	234	8	234	1	8	14	25	100	0
Added	171	1	171	0	1	5	0	0	0
Total	405	9	405	1	9	19	25	100	0

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

100 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
No Data Entered/Not Applicable !!!	

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
2500000	1643293	9000000	8697117

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website)

The following practice is adopted for the optimal utilization of infrastructure on the campus. 1) A timetable is arranged in such a manner that laboratories are used for various classes at different times. 2) Some of the programs are offered in the second shift. 3) Contact classes of parttime programs are conducted on holidays and after the class hours on working days. 4) Auditorium and Seminar halls are offered for public use for educationrelated activities at nominal charges. 5) Tiruchirapalli District Cricket Association and Fencing Association are permitted to make use of the ground daily in the morning and evening hours. 6) The college premises are made available to Tamil Nadu Public Service Commission, Indira Gandhi National Open University, Tamil Nadu Open University, State Bank of India, Karur Vysya Bank, Power Grid Corporation of India, Amrita University, TANCET, etc for the conduct of their examinations. 7) There is a Purchase Committee in the College. At the beginning of the year, Principal allocates grants to various departments for the purchase of equipment and books. The HoDs of the department in consultation with the staff members decide about the requirement of books and equipment. The department HoD call for quotation from various suppliers and prepare the comparative statement of prices quoted by suppliers. The lowest quotation is chosen. All the quotation documents are forwarded to the College office. The purchase committee scrutinizes the documents and approves them. The purchase order is sent to the supplier through the Principal's office. 8) The Principal allocates grants to the Library for the purchase of common and reference books. Librarian obtains quotations and prepares a comparative statement for the lowest quotation. The Purchase committee after verification approves it to place a purchase order. 9) The requirement of Computers and other gadgets is obtained from the departments and the college office. The purchase committee calls for a quotation and finalizes the lowest quotation. 10) The Head of the Department of Physical Education submits to the list of Sports and Games articles required for the year. He also obtains a quotation from the suppliers and prepares a comparative statement to finalize the lowest quotation and submit to the Principal?s

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Endowment Scholarships	40	600000
Financial Support from Other Sources			
a) National	Scholarship	1534	6575169
b)International	Scholarship	2	588000
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
SWAYAM Online Free Courses	07/02/2019	250	Library,National College
Yoga practice on International Yoga Day	21/06/2018	150	Department of Physical Education,National College
Leadership development in Sports	12/02/2019	150	Department of Physical Education and Sports Sciences and the NSS Unit of National College
Programme on Leadership and Team Building	25/01/2019	150	Department of Physical Education, National College
Entrepreneurship Development Programme	25/06/2018	96	PM YUVA Yojana
Leadership Training Programme	06/09/2018	500	Palkhivala Foundation, Chennai
Entrepreneurship Awareness Camp	07/09/2018	250	EDII, Ahmedabad
Entrepreneurship Awareness Camp	07/12/2018	250	EDII, Ahmedabad
Training Programme on 21st Century Skills	11/03/2019	200	NSS, JCI and Rotaract of National College
Workshop on Outcome Based Education	14/03/2019	250	IQAC,National College
DST INSPIRE Internship Science	06/08/2018	150	Department of Science and

Camp			Technology, Government of India
Student Projects Scheme	20/07/2018	1250	Tamilnadu State Council for Science and Technology, Chennai
NET/ SET Online Guidance Programme	25/06/2018	70	National College
Bridge Course	18/06/2018	1400	National College
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2018	Placement training Program	750	750	25	21
2018	Pre-Employab ility Assessment Test	750	750	25	5
2018	Pre Employab ility Skills session	750	750	25	214
2018	Pre Placement Talk and Basic Interview Test	750	750	25	21
2019	Barcklays Training	750	750	25	7
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
0	0	0

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed

35	350	214	16	60	21

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

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2018	10	B.Sc	Chemistry	Annamalai University, Sastra University, St. Xavier's College, National College	M.Sc
2018	1	M.Sc	Chemistry	Bharathidasan University	Ph.D
2018	10	M.Sc	Physical Education	Private	BPEd
2019	12	M.Sc	Physical Education	Private	BPEd
2019	37	B.A	Economics	Colleges/Universities	M.A, M.B.A, B.L
2019	8	M.A	Economics	Colleges/Universities	M.Phil., B.Ed.,
2019	21	B.A	Tamil	Colleges/Universities	M.A. (Tamil) B.Ed., B.L.
2018	20	B.A	English	National College, Bishop Heber College, St. Joseph College, Tiruvallur Univeristy B.ed Colleges	M.A English B.Ed
2018	10	M.A	English	Colleges/Universities	M.Phil/Ph.D
2018	10	B.Sc	Botany	National College	M.Sc
2019	11	B.Sc	Computer Science	Bishop Heber college, National college ,Jamal Mohammed college	M.Sc
2019	4	B.C.A	Computer Applications	Crescent University	M.C.A, M.B.A

2018	22	B.A	History	Colleges/Universities	M.A
2019	5	B.Sc	Zoology	National College	M.Sc
2019	28	B.Sc	Physics	Colleges/Universities	M.Sc
2019	5	B.Sc	Physics	Colleges/Universities	M.Sc
2018	25	B.Sc	Geology	National College/Anna University/University of Madras/Pondicherry University/St.Xavier's College, Mumbai/Annamalai University/Periyar University/Gandhigram Rural University	M.Sc
2018	4	M.Sc	Applied Geology	Centre for Remote Sensing, BDU	M.Tech.

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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
Any Other	1
Any Other	5
NET	2
SET	1
SLET	0
Any Other	1

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

Activity	Level	Number of Participants
NATURUS 2019	State	250
Basket Ball Tournament	Bharathidasan University	200

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5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for	Number of awards for	Student ID number	Name of the student

			Sports	Cultural		
2019	Gold Medal	National	1	0	data not available	A.Chandralekha
2018	Bronze Medal	National	1	0	data not available	S.Veeramani
2018	Bronze Medal	National	1	0	data not available	Vikash
2018	Bronze Medal	National	1	0	data not available	Annand
2018	Bronze Medal	National	1	0	data not available	G.Ranjane
2018	Third Place	National	1	0	data not available	AnanadhaKrishnan.M
2018	Fourth Place	National	1	0	data not available	S.Yugan
2018	Gold Medal	National	1	0	data not available	Guru Jawahar
2018	Silver Medal	National	1	0	data not available	Guru Jawahar
2018	Tenth Position	National	1	0	data not available	V.Jegathees
2018	Bronze Medal	National	1	0	data not available	K.Vembarasi

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

There are students representatives in IQAC. They represent the grievances not only about quality enhancement in the College but also about general amenities. Students have free access with respective head of the department. They represent grievances to HoD on academic and other matters. HoD give solution if it is within his / her purview, otherwise the matter is brought to the notice of head of the institution for redressal.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Yes. The College has Alumni association with members more than 5000. It has its annual meeting on the first Sunday of February every year. More than 600 alumni attend the meeting. Two or three alumni are awarded distinguished alumnus award during the function. Many alumni have established endowments for awarding prizes and giving scholarships to the students. Each Board of Studies in the College has representatives from the alumni of the respective subject. IQAC has representative members from the alumni. Whenever Committees like the NAAC peer team, triennial commission, UGC committee, and Autonomy, etc., visit the College, alumni members are also invited for interaction.

5.4.2 – No. of registered Alumni:

1588

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

5.4.4 – Meetings/activities organized by Alumni Association :

The annual Alumni meeting was held on 03.02.2019. More than 900 old students of the College attended the meeting. Justice Krishnan Ramasamy, Madras High Court, Sri. R. Madhavan , Executive Director , Airports Authority of India, Sri. K.Dakshinamurthi, Indian Ambassador to Sudan and Squadron Leader M. Jayakrishnan, IAF Pilot were honored with the distinguished alumnus award. The grand event provided an opportunity to nearly 900 alumni of our college to recall and relish the beautiful memories of their youth.

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

The participatory management in the College is given in the following Two incidents. 1. The College celebrated Graduation Day on 24th March, 2019. Dr. M. Krishnan, Vice Chancellor, Madurai Kamaraj University, Madurai, was the Chief Guest. The principal immediately after the getting confirmation from the Chief Guest and the date, convened a meeting of a group of Staff members to explain the arrangements to be made for the function. He also formed various committees like Reception, Stage Management, Catering, printing and distribution of Invitations, Graduation Day robes etc. He entrusted the job of getting Degree Certificates from Bharathidasan University, Tiruchirapalli, with the College Office Superintendent and two non teaching staff. He gave instructions to the estate officer for the arrangements of chairs and other facilities in the Indoor stadium, where the Ceremony was held. Principal also explained to the group of staff members, what to do and what not to do during the Graduation Day function. The function went on well. 2. The College submitted STAR COLLEGE proposal to DBT. Immediately after deciding to submit proposal to DBT, The Principal called for a meeting of all the HoDs of Science Departments to explain about the proposal and the benefits of getting the scheme. He also nominated Dr. M.S. Mohamed Jaabir, Associate Professor of Biotechnology as Coordinator for the Programme. The HoDs were asked to provide all the necessary details as per the application format and budget for the proposal. He also fixed a cut off date for the data submission. The HoDs in turn organized meeting of the respective staff members of the Department and asked them to provide all the necessary details and supportive documents. The HoDs nominated a staff member in each of the Departments for the collection of the data and documents. After receiving the documents from all the Departments, the Principal and the coordinator prepared the proposal and submitted to DBT, New Delhi. When the Principal was called for the oral presentation of the proposal, he and the Coordinator attended the PAMC meeting in DBT, New Delhi. When a few queries were raised by PAMC, the Principal and the coordinator gave suitable replies collecting the details. The proposal was sanctioned with a Grant support of Rs. 104 lakhs.

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

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Curriculum Development	The College has a policy of revamping the syllabi of all the programmes and

	the course content once in 2/3 years. when it was to be followed for the year 2019/2020, an academic council met and discussed the strategies. It was unanimously decided to implement Learning Outcome based Education (LOBE) Scheme from the following academic year onwards. it was also decided to organize a workshop for the staff members to give orientation about the LOBE. The orientation programme was handled by Dr. Sethuraman, Professor in Chemistry, Gandhi Gram University for Women, Dindigul. The programme was highly effective and all the staff members consented to proceed for the formulation of the new syllabi under the LOBE scheme. Then the respective Board of Studies framed syllabi for both UG and PG programmes according to the LOBE scheme. The academic council had a deliberations on the syllabi of individual programmes and suggested corrections and modifications. It also approved the syllabi of all the Programmes. The New Syllabi have been implemented from the year 2019 / 2020.
Teaching and Learning	A knowledge enhancing and motivational programme is organized exclusively for core group students every week. The top two students or voluntary students from every class are chosen to form a team called 'Core Group'. Lectures are arranged for the enrichment of the knowledge of these students from across disciplines to promote their success rate in competitive exams and other Service Commission Exams. Students are provided with an opportunity to earn more credits than the mandated number of credits. For this, students are encouraged to register for online courses like MOOC / SWAYAM. The credits earned through this mode may be reflected in the consolidated mark statement of the candidate.
Examination and Evaluation	Objective type of questions has been introduced in the semester examinations for all the UG and PG programmes. The oral test component has been introduced for the course on "Communicative English" for all the UG students. The oral test has been introduced for the practical examinations of all the Science UG programmes. The college has signed MoU with CDSL for Academic Depository which facilitates the

		storage of Soft copy of mark statements and degree certificates by CDSL.
	Research and Development	An excellent infrastructure has been established for the researchers in the Science Department. High End analytical equipment have been located under a single roof under the facility called National College Instrumentation Facility which is appointed with a qualified and experienced Technician to help with. Research scholars and Professors from within the College and outside, make use of the facility to upgrade their level of research with this facility. Every professor who publishes Research Article in reputed Journals and Conferences / Seminars are duly recognized under the Faculty Incentive Programme (FIP) with cash award/gift appropriately. Professors who apply for various research schemes and grants are provided with the necessary support to emerging out successfully. Professors who receive research grants are recognized with cash prizes/gifts.
	Library, ICT and Physical Infrastructure / Instrumentation	The library is housed in a modern building with ample space for convenient reading and utilization purposes. The library has an exclusive operations software called NIRMAL which is an OPAC. The lIbrary is kept open on all days from 6 am to 8 pm for the benefit of students. Books / Journals and Periodicals are regularly purchased/renewed as per the allotment of the budget available through respective schemes/grants. New books are purchased periodically by either receiving the list of necessary volumes from the Departments concerned or by organizing a Book Exhibition to facilitate the availability of new books/volumes/editions, whenever to be purchased or budget made available. Student visitors are kept track with the help of ID card scanner and the bestuser title is awarded to those students who make the best use of the library. This award is given in the Annual Library Day celebrations to encourage and motivate students to use the library
	Human Resource Management	Faculty development programme is organized for newly recruited staff members. A number of Seminars / Conferences / Workshops are organized

	in various departments Faculty attend workshops to update their knowledge and skills Management encourages professors who present papers in International Conferences / Seminars by awarding cash prize/gifts
Industry Interaction / Collaboration	MoU is signed between the College and the Industry in various areas / Departments in order to promote industry participation in curriculum development, knowledge sharing etc. Entrepreneurship Development Cell has been established that periodically conduct programs for staff and students to participate and update relevant skills
Admission of Students	Admissions to various Degree Programmes offered in the College is done through Online and Offline mode Applications are published online in the College Website with all necessary features and details. For those who cannot use online mode, offline applications are sold in the College premises. Students after applying to various categories following the announcement of the eligibility level examinations (such as 2 or UG degree), Students are shortlisted based on the merit list and offered admission Admissions take place in the College Auditorium in a centralized and transparent manner where Principal and Office staff are available to complete the procedure under Oneroof. All the Departments in the College offering various Degree Programs are made available in the Auditorium with Twoprofessors representing their respective departments. Students and parents can walkin at any Departmentcounter and discuss the prospects or get counseling. Professors in the Departmentcounters assist the students and parents as per the needs and make the admission procedure simple and straight.

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

E-governace area	Details
Planning and Development	The custom made MIS help us to prepare budget for academic and physical infrastructure for the next year. Grants for conducting Seminar/workshops are allocated as per the expenditure statement of the previous year. Allocation for Sports facilities is

	also done based on the statement of expenditure of the previous year. Pass percentage of students is calculated for the final semester examinations and measures of proposed for the improvement. Remedial coaching is offered to the students who fail in the end semester examinations.
Administration	There is a management information system that facilitates day to day administration. It facilitates the Principal to monitor the attendance of Staff and Students, to collect data of Individual students during admission, to prepare pay bill for staff members, every month,, to issue certificates like Bonafide student, T.C., Testimonials, eligibility certificate etc. Gov.t of Tamil Nadu has a portal to submit applications for scholarships to OBE / SC / ST students. The College submits application through this portal and scholarships are distributed directly to the students through the respective bank accounts.
Finance and Accounts	The College management information system has also a module on finance and accounts. It facilitates the collection of fee from students, expenditures, payments to all the suppliers. Collection of hostel / mess fee, submission of UC and SE for the Grants received from funding organizations like UGC, DST, SERB
Student Admission and Support	The College management system has a module on student admission and support. It facilitates prospective students to apply for various Degree programmes being offered in the College through webbased interactive programme online. List of students can be shortlisted based on merit and communicated for admission. At the time of admission, candidate particulars can be recorded and a database can be created and maintained all through the time of the study period.
Examination	There is a customized software for the all the activities in the office of the Controller of Examinations. It facilitates online submission of examination application forms, issue of hall tickets, schedule of examinations, publication of results, printing of mark statements etc. Following the publication of results, the module also

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2018	Dr.S.Senthil Kumar	Joint Conference of INQUA (International Union for Quaternary Research) and PAGES (Past Global Changes)	The College provides a sum of Rs. 10000 to the each staff member who travels abroad to attend Conference / Seminar	10000
2018	Dr. D. Saravanan	4th World Research Journals Congress	The College provides a sum of Rs. 10000 to the each staff member who travels abroad to attend Conference / Seminar	10000
2018	Dr. D.E. Benet	1st Bodhi International Conference on Humanities, Arts and Science (BICOHAS2018)	The College provides a sum of Rs. 10000 to the each staff member who travels abroad to attend Conference / Seminar	10000
		[View File](#)		

6.3.2 – Number of professional development / administrative training programmes organized by the Colleges for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2018	Faculty development Program	Ground Measurement	04/05/2019	04/05/2019	6	2

| 2019 | Faculty development Program | Fitness and Health | 04/05/2019 | 04/05/2019 | 6 | 2 |

No file uploaded.

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Refresher Course in Chemistry	1	02/07/2018	28/07/2018	21
Refresher Course in Commerce	1	04/09/2018	29/09/2018	21
Refresher Course in Economics	1	02/11/2018	28/11/2018	21
Refresher Course in English	2	17/12/2018	15/01/2019	21
Refresher Course in Geology	3	04/02/2019	28/02/2019	21
Refresher Course in Mathematics	4	06/03/2019	30/03/2019	21
Refresher Course in Tamil	4	11/02/2019	05/03/2019	21

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
36	36	10	10

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
There is a cooperative credit society in the College. Staff are given personal loan. Staff who publish research papers are given an incentive of Rs. 2,000/ per publication. Staff who organize Seminar are honored during the last day of the semester meeting. Staff who	There is a cooperative credit society in the College. Staff are given personal loan. Staff who complete 25 years of service in the College are presented with wrist watches.	Number of prizes, medals and scholarships are given to students on their performance. Remedial Coaching is organized for slow learners. Core Group classes are conducted for fast learners. 20 Sports boys and girls are given free boarding and lodging.

complete 25 years of service in the College are presented with wrist watches. Staff who travel abroad to attend Conference/Seminar are given cash incentive of Rs. 10,000/ each. All the staff who look after cocurricular activities as Coordinator are honored during the meeting on the last day of the semester.

6.4 – Financial Management and Resource Mobilization

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

Yes. The management conducts financial audits on 30th September and 31st March every year. The office of the Joint Directorate of Collegiate Education and office of Auditor General of India audit the accounts periodically.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
No Data Entered/Not Applicable !!!		
No file uploaded.		

6.4.3 – Total corpus fund generated

No Data Entered/Not Applicable !!!

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Staff members from other Colleges and Universities	Yes	Nil
Administrative	Yes	Joint Directorate of Collegiate Education	Yes	The stock of the Library and the departments are verified by the staff of other departments.

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

1. Salary for a few teaching staff members appointed in the vacancies caused in the aided section are met out. 2. Salary for a few non teaching staff members are met out. 3. A few furniture are provided to the College.

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

1. Uniforms are provided on free of cost. 2. A sum of Rs. 1,000/ is given for Deepavali festival. 3. The wards of the staff are given free education in the College and in the School run by the College.	

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

1) The College signed an agreement with Central Depository Services (India) Limited (CDSL) for National Academic Depository (NAD) Services on 03.01.2018. With this the soft copy of Certificates, Diploma, Degrees, Mark sheets etc., of the students of the College will be stored with CDSL. This will facilitate to access, verify and validate the records of the students at any point of time by any organizations with permission from the students. 2) A comprehensive management information system was established and improved that integrated many academic and administrative proceedings of the institution including Admission, Fees collection, Attendance, CoE etc., 3) Internet Leased line connectivity was provided across the campus in addition to the WIFI service that existed from earlier accreditation period.

6.5.5 – Internal Quality Assurance System Details

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

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	AQAR	01/01/2019	01/01/2019	01/01/2019	225
2019	NIRF	01/01/2019	01/01/2019	01/01/2019	225
2019	Feedback	01/01/2019	01/01/2019	01/01/2019	1500
2019	Academic Audit	04/03/2019	13/03/2019	05/04/2019	29

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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Gender Club Meeting	22/02/2019	22/02/2019	50	0
Women Cell	18/09/2018	18/09/2018	50	0

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
1) Solar water heaters have been installed both in boys and girls hostel. 2) Many CFL lamps have been replaced by LED bulbs. 3) Majority of the open to sky area is covered with greeneries. 4) Hostel mess solid waste are sent to Pig farming units.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	6
Provision for lift	Yes	6
Ramp/Rails	Yes	6
Braille Software/facilities	Yes	1
Rest Rooms	Yes	6
Scribes for examination	Yes	1
Special skill development for differently abled students	Yes	1

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	1	1	14/07/2018	1	IPL Fan Park	Trichy	5000
2019	1	1	06/10/2018	1	Helmet Awareness	Trichy	1000
2019	1	1	09/02/2019	1	Clean TrichyGreen Trichy	Trichy	3000
2019	1	1	15/03/2019	1	Neegelee	Trichy	2000

7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
No Data Entered/Not Applicable !!!		

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Women's Day	08/03/2018	08/03/2018	50
International Yoga Day	21/06/2018	21/06/2018	50
Cancer Awareness Rally	19/07/2018	19/07/2018	70
Anti Tobbacco Rally	04/03/2019	04/03/2019	50
Anti Corruption and Vigilance week	29/10/2018	29/10/2018	50

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

1) Plastic usage is barred in the College canteen. 2) Degradable and

nondegradable waste are segregated and given to corporation workers. 3) Rain water storage pits are connected with all the building in the College. 4) Tree plantation camp is part of the regular NSS activity. 5) Ewaste are disposed through a specific vendor.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1. Title of the Practice I TUTORWARD SYSTEM – Proven Method to Mentoring Under the tutor ward system, a batch of students, not exceeding 20 is assigned to a professor on their admission to I Year U.G/ P.G programmes. The professor is designated as a tutor and entrusted with the responsibility of mentoring the students throughout the duration of the programme. The idea is to build a good rapport between them so that boys can get personal attention and the teachers can understand the students and their requirements thoroughly. The wards meet the tutor individually after a common first meeting where the basic theme of the system and the role of the wards are explained. The students are assured of assistance and guidance on all matters relating to their welfare. The wards meet the tutor at least twice in a month. The frequency of meetings is decided by the needs of the students and the tutor adopts an open door policy. A counseling record note is prepared for each student. It contains vital information about the student. His academic performance in tests, attendance, and details of assignment submission are recorded in the note. The tutor gives his comments and records his suggestions. Parents/ guardians are informed of the performance and progress and their signature is obtained in the note. The tutor makes an evaluation of the wards capabilities, skills, aspirations, and aptitude. He counsels him on the steps to be taken for achieving his goals. For instance, a student who wishes to take to teaching is counseled on teacher education, courses to be studied, the requirement of the job, etc. 2) Title of the Practice II NCIF – Research Booster Excellence in academics teachinglearning research in Science is achieved by the stateoftheart sophisticated equipment, various workshops, and support facilities. These equipment and facilities help the faculty, research scholars and students to carry out globally competitive R D in basic and applied sciences. Since individual researchers in the science departments may not be able to generate huge research funds for the research instruments, National College established a common instrumentation facility for the use of Inhouse researchers and others from outside. The facility consisted of all the major exclusive high end worldclass analytical equipment imported from different parts of the world – Scanning Electron Microscope (SEM) with EDS, Gas ChromatographyMass Spectrophotometry (GCMS), Atomic Absorption Spectroscopy (AAS), Fourier Transform InfraRed Spectroscopy (FTIR), Flow Cytometer, Fluorescence Spectroscopy, HighPerformance Liquid Spectrophotometer (HPLC), etc.

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

http://www.nct.ac.in/ncif.html

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

The Motto Saa Vidyaa Yaa Vimukthayea That alone is knowledge which liberates beautifully conveys the concept of education in a simple but highly powerful form. It implies liberation from ignorance, weakness and every other malaise which eclipses the radiance of knowledge and to facilitate the blossoming of our boys and girls in full shine and splendor. Originally, the motto of the College was to liberate Indians from the clutches of colonialism. After

Independence, the College has the same motto to liberate the youth of downtrodden communities from oppression, casteism, poverty and so on.This is achieved in the College by providing higher education to the students who largely come from village, agrarian communities around Tiruchirapalli. More than 90 of students of the College constitute OBC / SC / ST from rural communities.

Provide the weblink of the institution
http://www.nct.ac.in/college-history.html

8.Future Plans of Actions for Next Academic Year

It is planned 1) To revise and revamp the syllabi of all the UG and PG programmes for the academic year 20192020. 2) To introduce Learning Outcome Based Education (LOBE) for all the UG and PG programmes. 3) To introduce Computer based Examination for Section A Questions of all the theory courses. 4) To take steps to adopt NAD for which MoU has already been signed with CSDL. 5) To organize a Panel Discussion inviting all the Vice Chancellors of Universities in Tamil Nadu. 6) To construct an Open Air Theatre in front of the Science Block 7) To construct a connecting corridor between Science Block and Golden Jubilee Block in order to facilitate easy movement of students during rainy days. 8) To organize a mega event marking the Centenary completion inviting high profile dignitaries like President or Vice President or Prime Minister of India. 9) To organize Faculty Development Programmes before the working days begin 10) To intensify Research Culture and facilitate faculty to receive more funded projects 11) To conduct Seminars / Symposiums/workshops at International level 12) To sign MoU with a Pharmaceutical industry for providing in house training for the students of Chemistry and Biotechnology. 13) To organize Pre Republic Day camp for the NSS volunteers of southern states. 14) To construct Water Fountains at vantage points in the campus.