



## Yearly Status Report - 2019-2020

### Part A

#### Data of the Institution

<b>1. Name of the Institution</b>		NIRMALA COLLEGE FOR WOMEN
Name of the head of the Institution		Dr. Sr. Helen M.
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		04222223469
Mobile no.		9486237572
Registered Email		nirmalacollege@rediffmail.com
Alternate Email		ncprincipal@yahoo.com
Address		Kamaraj Road, Red Fields
City/Town		Coimbatore
State/UT		Tamil Nadu
Pincode		641018
<b>2. Institutional Status</b>		

Autonomous Status (Provide date of Conformant of Autonomous Status)	14-May-2007
Type of Institution	Women
Location	Urban
Financial Status	state
Name of the IQAC co-ordinator/Director	Dr. Pawlin Vasanthi Joseph
Phone no/Alternate Phone no.	04222310280
Mobile no.	9655513364
Registered Email	pawl_06@rediffmail.com
Alternate Email	pawlinvasanthi@gmail.com

### 3. Website Address

Web-link of the AQAR: (Previous Academic Year)	<a href="http://nirmalacollegeonline.ac.in/profile/15296618971s_0.pdf">http://nirmalacollegeonline.ac.in/profile/15296618971s_0.pdf</a>
<b>4. Whether Academic Calendar prepared during the year</b>	Yes
if yes, whether it is uploaded in the institutional website: Weblink :	<a href="http://nirmalacollegeonline.ac.in/profile/13855967141s_0.pdf">http://nirmalacollegeonline.ac.in/profile/13855967141s_0.pdf</a>

### 5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity	
				Period From	Period To
2	A	3.44	2010	04-Sep-2010	03-Sep-2015
3	A	3.62	2016	19-Dec-2016	18-Jan-2023

<b>6. Date of Establishment of IQAC</b>	21-Jun-2004
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### 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

Orientation Program for faculty on Empowered woman power beyond measure	14-Jun-2019 1	135
Workshop for faculty on Google Drive, Google Docs, Online Book Publishing and Kahoot	15-Jun-2019 1	70
The first Paramarsh Meeting under UGC for Mentee Institutions	12-Oct-2019 2	15
Nirmala Annual Research Congress 2019, a platform for Research Scholars and faculty to present and publish their papers in an ISBN Compendium	27-Nov-2019 1	143
NAAC sponsored National Seminar on Quality sustenance and Enhancement: Prospects for attaining Global Standards	09-Jan-2020 2	1320
Awareness Program on DBT sponsored MANAV Project, co-ordinated by IISER, Pune and Persistent systems, Pune	12-Feb-2020 1	200
Workshop on the Revised Guidelines of the Accreditation process for the mentee institutions under UGC- PARAMARSH	22-Feb-2020 1	55
Workshop on the Revised Guidelines of the Accreditation process for Autonomous colleges	07-Mar-2020 1	138
Guest Lectures were organized for the Mentee Institutions under the Paramarsh program of UGC	25-Feb-2020 5	134
Initial academic assessment of the Mentee Institutions under the PARAMARSH Scheme of UGC	13-Mar-2020 2	2
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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
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Departments of Botany, Chemistry, Zoology, Mathematics, Geography and Computer Science	DBT-CTEP Popular Lecture series	DBT, Government of India	2020 1	155000
IQAC, Nirmala College for Women, Coimbatore	PARAMARSH	UGC	2019 365	1500000
Department of Zoology, Chemistry and Botany	Star College Scheme	DBT, Government of India	2012 2920	789265
Department of Mathematics, Geography and Computer Science	Star College Scheme	DBT, Government of India	2017 1095	648621
Nirmala College for women	Unnat Bharath Abhiyan	MHRD, Government of India	2019 365	50000
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<b>9. Whether composition of IQAC as per latest NAAC guidelines:</b>	Yes
Upload latest notification of formation of IQAC	<a href="#">View File</a>
<b>10. Number of IQAC meetings held during the year :</b>	15
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	<a href="#">View File</a>
<b>11. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	Yes
If yes, mention the amount	1626514
Year	2020
<b>12. Significant contributions made by IQAC during the current year(maximum five bullets)</b>	

12) Significant contributions of IQAC 1. Nirmala Annual Research Congress 2019, a platform for Research Scholars and faculty to present and publish their papers in an ISBN Compendium was organized on 27.11.2019. 143 papers were presented in the Congress. Dr C Subashini, Professor, Department of Computer science, Avinashilingam Institute for Home Science and Higher Education for women, Coimbatore was the Resource person. 2. NAAC sponsored National Seminar on "Quality sustenance and Enhancement: Prospects for attaining Global Standards" was organized on 09.01.2020 and 10.01.2020. Dr Ravichandra Reddy, Former Acting Director, NAAC, Bangalore, Dr Shakuntala Katre, Senior Education Consultant, NAAC, Bangalore, Prof J D Singh, Gramottham Vidhyapeeth PG College of Education, Sangaria, Rajasthan, Dr Sheela Ramachandran, Pro Chancellor, Amitya University, Rajkot, Gujarat and former Vice Chancellor, Avinashilingam deemed University, Coimbatore and Dr M Sethuraman, Director of Research, Gandhigram University, Dindigul were the Resource persons. 3. The college has adopted 6 villages under the Unnat Bharat Abhiyan Scheme, MHRD, New Delhi. The villages are Sengathunai, Chencheripalayam, Kadambadi, Karuvampalayam, Perkaipathy and Kunjapathy. MHRD has released Rs 50,000/ for Baseline survey. The college has distributed seeds worth Rs 52,000/ to the tribal farmers of Perukaipathy and Kunjapathy. 4. The science departments namely Botany, Chemistry, Zoology, Mathematics, Geography and Computer science under the Star college scheme of DBT, Government of India organized the DBT Popular Lecture Series on Basic concepts and recent advances in Modern Biology/ Biotechnology" under the DBT - CTEP scheme on February 27th, 2020. The Resource persons were Dr. Balasubramaniam Nagaraj, Professor, IISER, Pune, Dr. Dipankar Nandi, Professor, IISC, Bangalore and Dr. J. Angayarkanni, Professor, Bharathiar University, Coimbatore 5. The Paramarsh Program of UGC was sanctioned on September, 2019. The first instalment of Rs 15,00,000/ was released on Feb 27th, 2020. Ice breaking session for the Mentee Institutions was held from 12.10.2019 to 14.10.2019. A series of Guest lectures on the criteria of NAAC were held from 25.02.2020 to 06.03.2020 A workshop was organized on 22.20.2020 on the "Revised Guidelines for the accreditation and assessment process of NAAC for the affiliated colleges". 6. Workshop on the "Revised Guidelines of the Accreditation process for Autonomous colleges" was held on 07.03.2020. Dr Priya Narayan, Assistant Advisor, NAAC, Bangalore was the Resource person.

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

Plan of Action	Achivements/Outcomes
To start a journal in the college and encourage faculty and Research scholars to publish their original research work	An E Journal titled "International Journal of Humanities and Science" has been launched on 14.02.2020 by the Research Committee of the college. 60 Research Scholars and Faculty have been benefitted.
To initiate international video conferences through SKYPE in all the departments	International video conference was organized by all the departments. Resource persons from USA, UK, France, Germany, Arab countries, Malaysia, Singapore, Phillipines, China, Brazil, Cambodia, Australia, Sri Lanka, South Africa and New Zealand presented their lectures through SKYPE.

<p>MOOC courses like SWAYAM and NPTEL and Spoken Tutorial by IIT, Mumbai, MHRD, to be sustained for students and staff.</p>	<p>Swayam: No of students registered :2104 No of students cleared the exam:176 No of staff registered:112 No of staff undertaken SWAYAM Courses:10 Spoken Tutorial: No of students cleared:one thousand five hundred and sixty eight</p>
<p>To take an initiative of adopting more villages apart from the NSS adopted village to render Extension services and Outreach Programs</p>	<p>The college has adopted 6 villages under the Unnat Bharat Abhiyan Scheme, MHRD, New Delhi. The villages are Sengathunai, Chencheripalayam, Kadambadi, Karuvampalayam, Perkaipathy and Kunjapathy. MHRD has released Rs 50,000/- for Baseline survey. The college has distributed seeds worth Rs 52,000/- to the tribal farmers of Perukaipathy and Kunjapathy.</p>
<p>To organize the Popular Lecture series under the DBT-CTEP program of DBT, Government of India for all the Science departments.</p>	<p>The science departments namely Botany, Chemistry, Zoology, Mathematics, Geography and Computer science under the Star college scheme of DBT, Government of India organized the DBT Popular Lecture Series on Basic concepts and recent advances in Modern Biology/ Biotechnology" under the DBT - CTEP scheme on February 27th, 2020. The Resource persons were Dr.Balasubramaniam Nagaraj, Professor, IISER, Pune, Dr. Dipankar Nandi, Professor, IISC, Bangalore and Dr.J.Angayarkanni, Professor, Bharathiar University, Coimbatore</p>
<p>To apply for the Paramarsh Program of UGC, since the college has obtained "A" Grade successively in all the three accreditation processes.</p>	<p>1. Proposal for the Paramarsh scheme was submitted on 26.08.2019 and the scheme was sanctioned by UGC on 11.09.2019. The first grant of Rs 15,00,000/- was released on February 27th, 2020 2. The first Paramarsh Meeting under UGC for Mentee Institutions - Ice Breaking session. Mentee Institutions include Bishop Ambrose college, Coimbatore, Angappa college, Coimbatore, A G College, Tiruppur, Kaypeeyes College, Kotagiri and Erode Christian college, Erode. The meeting was held on 12.10.2019 and 14.10.19. 3. Guest Lectures were organized for the Mentee Institutions under the Paramarsh program of UGC from 25.02.2020 to 06.03.2020 on the seven criteria of NAAC. Resource persons were drawn from the IQAC team of the college 4. Initial academic assessment of the Mentee Institutions - Erode Christian college, Erode and Kaypeeyes college, Kotagiri was done on 13.03.2020 and 16.03.2020 by the Accreditation Ambassador, Dr V G Vasudha and the IQAC</p>

	Co-ordinator, Dr Pawlin Vasanthi Joseph.
To organize a National seminar under grant from any Funding agency	NAAC sponsored National Seminar on "Quality sustenance and Enhancement: Prospects for attaining Global Standards" was organized on 09.01.2020 and 10.01.2020. Dr Ravichandra Reddy, Former Acting Director, NAAC, Bangalore, Dr Shakuntala Katre, Senior Education Consultant, NAAC, Bangalore, Prof J D Singh, Gramottham Vidhyapeeth PG College of Education, Sangaria, Rajasthan, Dr Sheela Ramachandran, Pro Chancellor, Amitya University, Rajkot, Gujarat and former Vice Chancellor, Avinashilingam deemed University, Coimbatore and Dr M Sethuraman, Director of Research, Gandhigram University, Dindigul were the Resource persons.
To organize the Nirmala Annual Research Congress 2019 for Research scholars and Faculty and to bring out an ISBN compendium.	Nirmala Annual Research Congress 2019, a platform for Research Scholars and faculty to present and publish their papers in an ISBN Compendium was organized on 27.11.2019. 143 papers were presented in the Congress. Dr C Subashini, Professor, Department of Computer science, Avinashilingam Institute for Home Science and Higher Education for women, Coimbatore was the Resource person
To organize workshops for the faculty	1. Workshop for faculty on "Google Drive, Google Docs, Online Book Publishing and Kahoot" by Dr Sathya, Associate Professor, Department of Computer Science, Ramakrishna College for women, Coimbatore on 15.06.2019. 2. Workshop on the "Revised Guidelines of the Accreditation process" was held on 22.02.2020 for the faculty of the college and the Mentee Institutions. Dr M Sethuraman, Director of Research, Gandhigram University, Dindigul was the Resource person. 3. Workshop on the "Revised Guidelines of the Accreditation process for Autonomous colleges" was held on 07.03.2020. Dr Priya Narayan, Assistant Advisor, NAAC, Bangalore was the Resource person
To Organize Orientation and Faculty Development Programs for the Faculty.	1. Organized an Orientation Program for faculty on "Empowered woman - a power beyond measure" by Fr Ricobar Ryan, Rector and Correspondent, Don Bosco school of excellence on 14.06.2019. 2. Faculty development Program on "Moodle" by Spoken Tutorial, IIT Mumbai and MHRD

from 11.05.2020 to 14.05.2020. 3. Faculty Development Program on "Higher Education in the VUCA world" on 28.05.2020. Dr Shakuntala Katre , Senior Education Consultant, NAAC, Bangalore was the Resource person

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**14. Whether AQAR was placed before statutory body ?**

Yes

Name of Statutory Body	Meeting Date
Governing Body meeting, General body meeting-	04-Mar-2020

**15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?**

No

**16. Whether institutional data submitted to AISHE:**

Yes

Year of Submission

2020

Date of Submission

21-Jan-2020

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

Yes

If yes, give a brief description and a list of modules currently operational (maximum 500 words)

The software module utilized in the management information system is the Campus Logic Launch developed by the Logic Launch Technologies. 1. Controller of Examinations: 2019 - Internal exam hall Location module shows the block name, Practical exam timetable additional data capturing with staff ID, Digital mark entry for Practical exam using the intranet Portal, Answer book number Generation module, Exam hall QP statistics group by Room Code option, Semester mark sheet printing with photo using laser colour printer, consolidated mark sheet with photo laser colour printer, OBE mark data import discussion, CIA exam mark import in OBE mark pattern, Student portal data Export module, CIA exam OBE mark graph printing and reports and Exam receipt printing in Printronix in bulk. 2. Library management system: Multiplatform bibliographic databases such as My SQL,



MSSQL and RDBMS supports the ground level practical requirements such as stock verification, book bank, transaction level enhanced security provides simple budgeting system and single window operation for all major circulations. The various modules include Master entry, circulation, Online Public Access Catalogue, Serial control, Acquisition of records, Stock verification and reports, Membership with INFLIBNET, DELNET and NPTEL Database, Students registered under the National Digital Library. 3. Office: Operates all its financial transactions through PFMS. Payment of Honorarium for Resource persons, Travel and Dearness Allowance, expenditure towards hospitality, stationery and publication charges are met through PFMS. Funding received from Government organizations expenditure and utilization are routed through PFMS. 4. Attendance of students, entry of internal assessment marks are routed through the Keyin Campes. Scholarships are mediated through the National Scholarship portal, Fees collection through Logic Launch, salary particulars of staff through epay roll. Attendance of the teaching and nonteaching staff is routed through the Keyin Campes.

## 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
BSc	22A	Mathematics	14/12/2019
MSc	32A	Mathematics	14/12/2019
MSc	32D	Chemistry	14/12/2019
BCom	2AD	E-Commerce	14/12/2019
BA	21A	Tamil	14/12/2019

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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
MSc	CHEMISTRY	14/12/2019	20PCH1E01	14/12/2019
MSc	CHEMISTRY	14/12/2019	20PCH2E02	14/12/2019

MSc	CHEMISTRY	14/12/2019	20PCH3E03	14/12/2019
MSc	CHEMISTRY	14/12/2019	20PCH4E04	14/12/2019
BSc	COMPUTER SCIENCE	01/06/2019	19UCS1C01	01/06/2019
BSc	COMPUTER SCIENCE	01/06/2019	19UCS1CP1	01/06/2019
BSc	COMPUTER SCIENCE	01/06/2019	19UCS2C02	01/06/2019
BSc	COMPUTER SCIENCE	01/06/2019	19UCS2CP2	01/06/2019
BSc	COMPUTER SCIENCE	01/06/2019	19UCS2C03	01/06/2019
MSc	COMPUTER SCIENCE	01/06/2019	19PCS1C01	01/06/2019

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## 1.2 – Academic Flexibility

### 1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
BCom	E-Commerce	01/06/2019
BA	History	19/07/2019
BA	English Literature	05/12/2019
BSc	Chemistry	14/12/2019
MSc	Chemistry	14/12/2019
BA	Tamil	14/12/2019

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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
BCom	E-COMMERCE	01/06/2019

## 1.3 – Curriculum Enrichment

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

Value Added Courses	Date of Introduction	Number of Students Enrolled
Value Education	17/06/2019	878
Environmental Studies	25/11/2020	878
Human Rights	25/11/2020	836
Spoken Tutorial	26/11/2020	2435
Certificate course in Astronomy	15/07/2019	38
Certificate course in GIS	01/07/2019	39
GST – Practitioner	01/02/2020	70
Dot.Net	01/08/2019	44

PHP	01/08/2019	44
CLIS	18/06/2019	26
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### 1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BA	HISTORY	112
BA	ECONOMICS	130
BA	ENGLISH LITERATURE	161
BSc	MATHEMATICS	262
BSc	ZOOLOGY	682
BSc	BOTANY	367
BSc	CHEMISTRY	400
BSc	GEOGRAPHY	326
BCom	COMMERCE	317
BSc	COMPUTER SCIENCE	57
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## 1.4 – Feedback System

### 1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained
<p>The institution obtained the feedback from all its stakeholders. During the Pandemic on account of COVID 19, IQAC collected the feedback from the students on the various aspects like curriculum, teaching, learning and evaluation system through online. The feedback document was posted to the student's personal mail id and the students had responded with few suggestions. The collected feedback was taken to the notice of Principal and Management. The principal has advised the departments to consider the suggestions given by the students and to restructure and implement the necessary changes in the curriculum after getting the approval from the members of Board of Studies. Accordingly a paper on Cyber Security for III UG and Digital Security for II PG is proposed to be incorporated in the curriculum in all the disciplines. The feedback from the alumni was received through online. The questions on aspects concerning the relevance of curriculum content to the industry and the business world and the employability was the main focus. The suggestions for the betterment of the student's community and growth of the institution were also suggested by the alumni. Proposed to blend conventional learning of the present curriculum with one unit of syllabi of all the papers to be mandatorily online. The feedback from the faculty was also collected through online mode and their views on their role in curriculum framing, teaching, evaluation and autonomy</p>

they enjoy in all these related aspects and the suggestions were received and taken to the notice of management. The management has taken appropriate steps in the issues concerning curriculum framing, effective delivery of the same and also for the holistic development of the students community. The Management has initiated mini projects for the faculty and the SEED money is to be provided by them for the academic year 2020-2021. In a similar manner, the college arranged for the Parents Teachers Meet twice during this academic year and received the feedback from them and the management has devised appropriate measures.

## CRITERION II – TEACHING- LEARNING AND EVALUATION

### 2.1 – Student Enrolment and Profile

#### 2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BSc	Computer Science	50	50	50
BSc	Geography	50	50	49
BSc	Zoology	50	50	53
BSc	Botany	50	52	50
BSc	Chemistry	36	79	36
BSc	Mathematics	110	122	82
BA	Tamil	50	50	50
BA	English Literature	110	179	109
BA	History	60	61	60
BA	Economics	60	72	61

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### 2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	2729	408	83	24	48

### 2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
155	155	881	87	19	20

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

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

• Yes, Students' Mentoring System is meticulously followed by the teaching faculty of Nirmala College for Women. From the beginning of the Academic year, faculty members of all the departments, are allotted 20 students each to be mentored closely on one-on-one basis on various aspects related to teaching, learning, and counseling. • Regular Tutor-ward meetings are conducted by these mentors and students' progress is monitored, and appropriate guidance and help is rendered to catch up with their syllabus and subject competency. The Mentors offer their valuable and experienced counsel on important matters of students' psychological, economical and financial difficulties and follow- up their improvement through able methods and techniques. Economically poor students are helped to avail the Noon-Meal Scheme provided in the college. • Mentors meet the parents on regular basis to discuss their children's progress and problems, so that, suitable measures can be taken to deal with them and help them overcome learning difficulties. Students' attendance report and marks both in Internal and External Assessment tests are discussed with the parents and information is sought from them regarding the students' behaviour, learning environment, exposure and other learning opportunities at the home front. They are made aware of the students' hidden talents and potential and measures are taken to help students pursue their noble passion through counseling. • All the departments conduct varied types of competitions for building interest in students and offering them golden opportunities to exhibit their knowledge skills. Students are always encouraged to participate both in the intra as well as Inter-College competitions, Seminars and Conferences and guided to publish research papers and exhibit their knowledge in such Academic platforms and opportunities. • The various Social Welfare and Service oriented clubs like NCC, NSS, YRC and RSP of our college, offer ample opportunities to these students to involve themselves and learn to build a good physique and serve the society in innovative ways to provide necessary help to the Economically backward and psychologically affected as well as sick people. • Mentors encourage the mentee to make use of the Entrepreneurial skill development and Gender Sensitization programmes and the Placement Cell, which train the students in life skills needed to equip themselves professionally to enhance their learning and employment opportunities and face the challenges of the world with courage and competency. • Sports, NCC and NSS students are given all Round orientation and training through able and qualified coaches and trainers to excel in their field and achieve good sportsmanship, health and discipline in order to get ready to contribute substantially to the society. • Mentors constantly encourage students to participate and make use of Book Exhibitions, Health and blood donation Camps, Visits to orphanages, fund- raising programmes for the afflicted people, public rallies to build awareness in the public and volunteer to serve them. • At the end of their graduation, mentors encourage the students appropriately to pursue higher studies by creating interest in them and acquaint them about the varied scope of employment opportunities available.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
3184	155	1;20

**2.4 – Teacher Profile and Quality**

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
155	155	0	22	75

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
2019	Dr. Sr. Helen M.	Principal	Best Principal Award at Traditional Siddha and Varma Conference.
2019	Dr. Sr. M. Arul Sheeba Rani	Assistant Professor	Young Scientist Award from Novel

			Research Academy, Puduchery
2019	Dr. G. Shanmuga Priyaa	Assistant Professor	Best Assistant Professor Award from Mayas Research and Learning (OPC) Private Limited
2019	Dr. Sr. Mary Fabiola	Vice Principal	Best Faculty Award from Centre For Bioscience and Nano Science Research, Coimbatore
2020	Dr. R. Mary Josephine	Dean	Best Faculty Award for Excellence in Botany from Bharatheeya Nattu Vaidhya Samithy, Trivandrum
2019	Dr. Sudha Sharma	Assistant Professor	Professor Indira Parikh 50 Women in Education Leaders Award from World Education Congress, Mumbai
2019	Mrs. A. Sreemathi	Assistant Professor	Achiever Award 2019 from the Feminine Foundation and Uyir Thalir Research and Resource Organization
2019	Dr. Prathyusha	Assistant Professor	Best Faculty Award from Novel Research Academy, Puducherry.
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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
BA	21C, 21E, 21F, 21A	6	26/09/2020	14/10/2020
BSc	22A, 22C, 22D, 22E, 22F, 22Q, 22Y, 26J,	6	26/09/2020	14/10/2020
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2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

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

0

999

0

**2.6 – Student Performance and Learning Outcomes**

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

[http://nirmalacollegeonline.ac.in/?page=igac\\_admin](http://nirmalacollegeonline.ac.in/?page=igac_admin)

**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
21C	BA	Economics	52	52	100

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**2.7 – Student Satisfaction Survey**

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

[http://nirmalacollegeonline.ac.in/profile/20864413801s\\_0.pdf](http://nirmalacollegeonline.ac.in/profile/20864413801s_0.pdf)

**CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION****3.1 – Promotion of Research and Facilities**

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

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
National	NIL	NIL	19/02/2020	NIL
International	NIL	NIL	21/11/2019	NIL

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**3.2 – Resource Mobilization for Research**

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Minor Projects	1	UGC SERO Hyderabad	95000	5479
Minor Projects	1	UGC	180000	10000
Minor Projects	2	UGC	500000	28155
Students Research Projects (Other than compulsory by the University)	1	Tamilnadu State Council For Science And Technology	7500	7500

Students Research Projects (Other than compulsory by the University)	1	Tamilnadu State Council For Science And Technology	15000	15000
Students Research Projects (Other than compulsory by the University)	2	Tamilnadu State Council For Science And Technology	300000	150000
Any Other (Specify)	2	UGC Paramarsh	3000000	1500000
Any Other (Specify)	3	DBT Star College Scheme	9600000	789265
Any Other (Specify)	3	DBT Star College Scheme	3600000	648621
Major Projects	3	UGC	1248500	425767
<a href="#">View File</a>				

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

4

### 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
Video conference Lecture on "Disaster Management for Beginners"	Geography	14/10/2019
Workshop on Total Station Survey (Under DBT)	Geography	06/01/2020
Workshop on Differential Global Positioning System (DGPS) Survey (Under DBT)	Geography	07/01/2020
Workshop on Drone survey (Under DBT)	Geography	08/01/2020
National Seminar on A New Cognitive approach to real life problems via Mathematics	Mathematics (Aided)	05/12/2019
Hands on training inn R Language	Mathematics (Aided)	12/12/2019
Hands on training in Data Analytics	Mathematics (Aided)	17/12/2019
Workshop on Data Analytics	Mathematics (Aided)	19/12/2019
Workshop on Advanced	Mathematics (Aided)	20/12/2019



Exccel		
Workshop on Effective power point presentation	Mathematics (Aided)	07/01/2020
Workshop on Latex	Mathematics (Aided)	13/01/2020
Readers Club of the Literary and Debating Association - Conducted Seminar on Reading Strategies for Empowered Women	English S.F	29/07/2019
Elocution Club of the Literary and Debating Association - Organised One Day Seminar on " Speak to Lead"	English S.F	20/08/2019
Writers Club Club of the Literary and Debating Association - Organised One Day Intercollegiate Workshop in Collaboration with Thinkink Publishers	English S.F	28/08/2019
Recent Trends And Techniques In Web Applications Development	Computer Science, B.C.A Information Technology	27/11/2019
Web Application Development And Deployment Using Spring Framework	Computer Science, B.C.A Information Technology	28/11/2019
International Video Conference On Technology Trends in Bioimage informatics Cognitive Technology for Data Sciences	Computer Science, B.C.A Information Technology	25/09/2019
Designer Tools	Computer Science, B.C.A Information Technology	11/12/2019
Selenium Tool	Computer Science, B.C.A Information Technology	10/01/2020
Artificial Intelligence in Health care and Bio-Informatics	Computer Science, B.C.A Information Technology	10/02/2020
Emerging Technologies in Bio informatics App Development	Computer Science, B.C.A Information Technology	17/02/2020
App Development	Computer Science, B.C.A Information Technology	18/02/2020
Computing in Bio - informatics	Computer Science, B.C.A Information Technology	20/02/2020
Cyber Security Awareness	Computer Science, B.C.A Information Technology	20/02/2020
Workshop on "Textile	Chemistry	20/08/2019

Screen Printing"		
Workshop on "Chem ICT Tools - Use of Spread Sheet for Data Analysis in Chemistry Research"	Chemistry	30/08/2019
Exhibition on "History and Chemistry of Periodic Table in Commemoration of IYPT 2019"	Chemistry	19/09/2019
National Seminar in commemoration of International Year of Periodic Table - IYPT 2019	Chemistry	20/09/2019
Workshop on "Laboratory Accidents and its First Aid"	Chemistry	02/12/2019
Workshop on "E content Development Through Photo Apps"	Chemistry	13/12/2019
International Symposium on "Sustainable Innovation and Empowerment in Chemistry" - Video Conference	Chemistry	18/12/2019
International Seminar on "Contemporary Horizons in Chemical Science"	Chemistry	10/02/2020
Symposium on GST	Commerce	15/07/2019
Workshop on Soft skills	Commerce	05/12/2019
International Conference on Challenges and Opportunities for the Sustainable Growth of Business in India by 1.Dr.Riyas Kalanthikal, Faculty Registrar of Business Studies, Shinas College of Technology, Oman 2. Dr. Baba Gnana Kumar, Professor, Scho	Commerce	07/01/2020
Workshop on Financial Literacy Programme for PG Students by Mr.Mahesh, Financial Advisor, Aashirvad Investments Ltd. Coimbatore	Commerce	12/02/2020
Workshop on Live Share Trading by Mr. Thangaraj, Partner, Aashirvad Investments Ltd. Coimbatore	Commerce	18/02/2020

One Day Workshop on Photography in Graphic Designing	Maths S.F	29/08/2019
Emerging Technologies That Transform Life Sciences - A Video Conferencing Chapter	Zoology	19/08/2019
Breaking the silence :Women empowerment	English (Aided)	30/08/2019
One day workshop on Ready, set, Write	English (Aided)	16/09/2019
Oneday International symposium on Women Empowerment - Challenges and Opportunities	History	05/03/2020
Hands on training in Environmental Biology and Bioremediation by Department of Biotechnology-Centre for Bioscience and Nanoscience Research Pvt Ltd, Coimbatore	Zoology	20/09/2019
Hands on training in Microbial Techniques by Department of Biotechnology-Centre for Bioscience and Nanoscience Research Pvt Ltd, Coimbatore	Zoology	23/09/2019
Hands on training in Molecular Biology and Biotechniques by Department of Biotechnology-Centre for Bioscience and Nanoscience Research Pvt Ltd, Coimbatore	Zoology	16/12/2019
Hands on training in Crisper - New PCR Techniques by Makeintern.com-wet lab championship Shaastra (IIT Madras Event)	Zoology	25/07/2019
Hands on training Application of Bioinformatics Tools in Biological Sciences by Accent Techno Soft, Coimbatore	Zoology	06/09/2019
Hands on training in Drug designing and Molecular docking by Accent Techno	Zoology	16/09/2019

Soft, Coimbatore		
Workshop on electrophoretic techniques by Department of Biotechnology, Karunya University, Coimbatore	Zoology	26/09/2019
Workshop on Statistical Tools for Social Science Research	Economics	18/12/2019
Hands On Training -Bonsai Techniques	Botany	18/07/2019
Workshop -Plant Taxonomy - Identification and Key preparation	Botany	29/08/2019
Workshop -Enhancing Skills in Plant Systematics	Botany	06/09/2019
International Video Conference on Current Scenario in Plant Sciences	Botany	27/09/2020
National seminar cum medicinal plant exhibition on Indian Traditional medicinal systems	Botany	29/02/2020
Farmers Seminar - Farmers Meet 2020	Botany	13/01/2020
National Symposium on Applications of GIS and Remote Sensing in Geographical Studies and Research". ( Autonomus Fund)	Geography	07/09/2019
National Conference - Unmuting Subjugation Women and Mythos in collaboration with Thinkink Publishers and Video Conference with two writers	English S.F	08/01/2020
Seminar - Application of Nano science, Solar energy and magnetic materials	Physics	25/09/2019
International video conference on Nano science and its importance	Physics	29/02/2020
<a href="#">View File</a>		

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
Maulana Azad Fellowship	Ms. Helen	UGC	21/04/2020	Research
Maulana Azad Fellowship	Mary Margaret.A	UGC	21/04/2020	Research
Stipend for Ph.D Research Scholars	P.Athulya	UGC J.R.F	08/05/2019	Research
Stipend for Ph.D Research Scholars	Sr. Vinnarasi .A	Department of Collegiate Education, Chennai	23/11/2019	Research
National Fellowship for OBC students	Vyshna Unni	UGC	14/08/2019	Research
National Fellowship for OBC students	Ludi Jansi Jenifer	UGC	14/08/2019	Research
Stipend for Ph.D Research Scholars	Mohan.P	U.G.C J.R.F	08/05/2019	Research
Best Principal Award	Rev. Sr. Dr. Helen	Traditional Siddha and Varma Conferenc	14/02/2019	Education
Best Faculty award	Rev Sr. Dr.Mary Fabiola	Centre for Bioscience and Nanoscience Research, Coimbatore	23/10/2019	Education
Award for Excellence in Botany	Dr. Mary Josephine	Bharatheeya Nattuvaidhya Samithy	09/01/2020	Research
<a href="#">View File</a>				

### 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
Imparting skills in Medical coding	Medical coding and Billing	Professional info tech, Ram Nagar, Coimbatore-9	Nil	Nil	19/07/2019
<a href="#">View File</a>					

### 3.4 – Research Publications and Awards

#### 3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
English(Aided)	2
History	1
Mathematics (Aided)	4

Chemistry	1
Botany	2
Zoology	3
Commerce (Aided)	3
B.Com C.A	1
B.Com (P.A)	1
English S.F	1
Maths S.F	1

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

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Zoology	24	5
International	Chemistry	12	4.5
International	Mathematics (Aided)	5	4.5
International	Botany	9	3.8
International	commerce	2	6.3
International	Economics	1	5.7
International	Commerce C.A	2	6.2
International	Commerce P.A	1	6
International	Information Technology	2	6.2
International	Computer Science	4	6.3
<a href="#">View File</a>			

#### 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
Information Technology	2
B.C.A	9
Chemistry	47
English (S.F)	11
Economics	10
History	6
Commerce	12
Geography	9
Botany	14
Zoology	46
<a href="#">View File</a>	

#### 3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
NIL	Published	0	24/10/2019

NIL	Filed	0	20/12/2019
No file uploaded.			

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
A quinoline-based probe for effective and selective sensing of aspartic acid in aqueous medium: in vitro and in vivo live cell imaging	P.Kalaivani	Inorganic Chemistry Frontiers	2019	0	Department of Chemistry, Nirmala College for Women, Bharathiar University, Coimbatore - 641046, India	0
One Pot Synthesis of New Water Soluble Binuclear Octahedral Ni (II) and Mono Nuclear Ru (II) Carbonyl Complexes Containing 2,6 Pyridine Dicarboxylic Acid.	P.Kalaivani	Journal of Chemical Sciences	2019	0	Department of Chemistry, Nirmala College for Women, Bharathiar University, Coimbatore, Tamilnadu, 641018, India	0
Musa Acuminata as Commercial Green Corrosion Inhibitor for Economical Loss due to Corrosion of	Dr.N.Gunavathy	Intercontinental Journal of Finance Research Review.	2019	0	Nirmala College for Women, Coimbatore -18	0

Materials.						
Phytochemical Screening, Weightloss Measurement, Surface Examination and Quantum Chemical Analysis of Phaseolus Vulgaris Seed Extract as Green Corrosion Inhibitor for Mild Steel in 1N HCl Medium.	Dr.N.Gunavathy	Journal of Emerging Technologies and Innovative Research (JETIR)	2019	0	Nirmala College for Women, Coimbatore -18	0
Impact of untreated and Sargassum wightii-treated brilliant green dye exposure on Indian major carp, Labeo rohita Ham: hematology, biochemistry, enzymology and histopathology.	Dr. D. Vigneshpriya	International Journal of phytoremediation	2020	0	Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore - 43	0
Effect of commercial probiotic (Eubioz) on growth, biochemical composition and nutritional indices of Indian Major carp,	Dr.B.Chitra	International journal of recent scientific research	2019	0	Nirmala College for Women, Coimbatore -18	0



Catla catla						
Cytotoxic effect of silver nanoparticles synthesized from Sargassum wightii on cervical cancer cell line	Dr. B.Dhanalakshmi	Proceedings of the National Academy of Sciences, India Section B	2019	0	Nirmala College for Women, Coimbatore -18	0
Study of the enzyme and histopathological effects of Chromium III Chloride in the fresh water fish Cirrhinus mrigala	Dr. Pawlin Vasanthi Joseph	European journal of pharmaceutical and medical research	2019	5	Nirmala College for Women, Coimbatore -18	5
Studies on the physico-chemical characterization and elemental analysis of two species of wasp nests collected from Coimbatore district, Tamil Nadu	Dr. Rosaline Mary	International Journal of Advanced Life Sciences (I	2020	1	Nirmala College for Women, Coimbatore -18	1
Phytochemical profiling of Ethyl acetate leaf extract of Elytraria acualis.	Dr. Sr. Mary Fabiola	International Journal of Recent Scientific Research	2019	0	Nirmala College for Women, Coimbatore -18	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	Institutional affiliation as
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					excluding self citation	mentioned in the publication
A quinoline-based probe for effective and selective sensing of aspartic acid in aqueous medium: in vitro and in vivo live cell imaging	P.Kalaivani	Inorganic Chemistry Frontiers	2019	17	0	Department of Chemistry, Nirmala College for Women, Bharathiar University, Coimbatore, Tamilnadu, 641018, India
Study of the enzyme and histopathological effects of Chromium III Chloride in the fresh water fish <i>Cirrhinus mrigala</i>	Dr. Pawlin Vasanthi Joseph	European journal of pharmaceutical and medical research	2019	1	5	Nirmala college for women, coimbatore-18
One Pot Synthesis of New Water Soluble Binuclear Octahedral Ni (II) and Mono Nuclear Ru (II) Carbonyl Complexes Containing 2,6 Pyridine Dicarboxylic Acid	P.Kalaivani	Journal of Chemical Sciences	2019	17	0	Department of Chemistry, Nirmala College for Women, Bharathiar University, Coimbatore, Tamilnadu, 641018, India
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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	59	73	15	82

Presented papers	24	59	12	42
Resource persons	0	2	3	46
<a href="#">View File</a>				

### 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)
Botany	Herbal hair oil Herbal face ,Organic vegetables and greens and Oyster Mushroom	UGC	7000
Zoology	Sale of Vermi compost	UGC	13000
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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
<b>No Data Entered/Not Applicable !!!</b>				
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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
Solid Waste Management Awareness and handing of trophy on the Recycle of waste Inter-department Competition by Mr.Soma Sundaram, ITC,Cbe	Mr.Soma Sundaram, ITC,Cbe	3	300
SBSI Tree Plantation(150) and Watering of Micro Forest	Nirmala College for Women ,Coimbatore	3	60
NSS-Anti Corruption Movement	Agriculture University , Coimbatore	1	5
Fire Safety Awareness	NSS -Nirmala College for Women, CBE	3	28

NSS-Fit India Movement	Bharathiar University, Coimbatore,	3	28
NSS-Mega Tree Plantation	Bharathiar University, Coimbatore	3	28
NSS-International Yoga Day	Bharathiar University, Coimbatore	3	8
YRC-Disater Management Awareness programme	Sri Sathya Sai Seva Organisation	1	16
Wellness programme	YRC Nirmala College for Women, Coimbatore	1	16
First Aid training Programme	YRC Nirmala College for Women, Coimbatore	1	16
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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
Nil	Nil	Nil	0
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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 activities	Number of students participated in such activities
Creating Awareness	Department of English Aided, Nirmala college for women, Coimbatore	Gender Issue and Corona Awareness	10	153
Outreach programmes to schools- Nirmala Matric. Hr.Sec.School, Coimbatore, Presentation Convent Hr.Sec.School, SIDCO, Coimbatore, Carmel Garden Matric.Hr.Sec.School, Coimbatore and Little Public School,	Department of Zoology, Nirmala College for women, Coimbatore	Blood grouping Haemoglobin Testing Apiary programme Vermicomposting	2	307

Palladam.				
Humane Animal Society, Seeran aichanpalayam, CoimVelandipalaya m, Coimbatore	Department of Zoology, Nirmala College for women, Coimbatore	Awareness program on rabies vaccine to the public	1	16
Humane Animal Society, Seeran aichanpalayam, Coimbatore	Department of Zoology, Nirmala College for women, Coimbatore	Cleaning of the dog kennels, Strolling of handicapped dogs, gardening, Bathing of dogs and feeding of dogs	1	30
Extension Activity- Kadampadi Village, Government School, Coimbatore	Department of Zoology, Nirmala College for women, Coimbatore	Blood grouping, Haemoglobin Testing and awareness on health and hygiene	1	40
Village Adoption- Kangayampalayam village	Department of Zoology, Nirmala College for women, Coimbatore	Blood grouping Haemoglobin Testing Apiary programme Vermicomposting	2	74
Creating Awareness (Swachh Bharat	Department of Chemistry, Nirmala College for women	Wall Painting	3	10
Village Adoption- Unnat Bharat Abhiyan (UBA)	Department of Economics, Nirmala College for Women, Combatore	Village and House Hold Survey	5	115
Swachh Bharath Internship Camp	5 (TN) GIRLS BN NCC CBE	Swachh Bharath	2	92
Aids awareness	Tamil S.F Nirmala College and Coimbatore Medical College Hospital	Sneha Positive Faces - Giving free medical aid, Lunch and soya powder once in a month to AIDS patients.	7	40
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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
Hands on Training at Centre for	Student and Faculty	DBT	5

Bioscience and Nanoscience Research Pvt Ltd, Coimbatore			
Workshops- Makeintern.com-wet lab championship Shaastra (IIT Madras Event)	Student and Faculty	DBT	2
Teachers Conference on "Empowering Educators" at Indian Chamber of Commerce and Industry, Coimbatore	Dr.S.Leema Rosaline	The Institute of Company Secretaries of India	1
FDP on Digital Marketing	J.Folentia Kamal	Infosys Ltd., Mysore	3
FDP on Digital Marketing	Dr.S.Leema Rosaline	Infosys Ltd., Mysore	3
Faculty Development Program "E-Content Preparation	Dr. R.Kavitha	Bharathiar University, Coimbatore	7
Faculty Development Program "Accounting and Finance"	Dr.A.Elizabeth	Infosys BPM Ltd, Mysore	3
Research Methodology and Data Analysis for Social Science - National Level Workshop	KAVITHA.K - M.Phil Scholar	Bharathiar University, Coimbatore	4
SPSS in industrial and Academic Research	S.Preethi - Ph.D Research Scholar	KV Institute of Management and Information studies	1
Composing Thesis and Research Papers using LaTeX	S.Preethi - Ph.D Research Scholar	Sri Krishna College of Technology, Coimbatore	1
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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
Centre for Bioscience and Nanoscience	Hand on training in Environmental Biology	Department of Biotechnology	20/09/2019	21/09/2019	43

Research Pvt Ltd, Coimbatore	and Bioremediation				
Centre for Bioscience and Nanoscience Research Pvt Ltd, Coimbatore	Hands on training in Microbial Techniques	Department of Biotechnology	23/09/2019	23/09/2019	45
Centre for Bioscience and Nanoscience Research Pvt Ltd, Coimbatore	Hands on training in Molecular Biology and Biotechniques	Department of Biotechnology	16/12/2019	18/12/2019	44
Makeintern.com-wet lab championship Shaastra (IIT Madras Event)	Hands on training in Crisper - New PCR Techniques	Makeintern.com-wet lab championship Shaastra (IIT Madras Event)	25/07/2019	26/07/2019	64
Accent Techno Soft, Coimbatore	Hands on training Application of Bioinformatics Tools in Biological Sciences	Accent Techno Soft, Coimbatore	06/09/2019	07/09/2019	88
Karunya University, Coimbatore	Workshop on electrophoretic techniques	Workshop on electrophoretic techniques	18/11/2019	19/09/2020	43
Accent Techno Soft, Coimbatore	Medical Coding and Billing	Accent Techno Soft, Coimbatore	01/05/2020	15/05/2020	04
Skilled Development	3 days Hands on Training Course on "Fundamentals of GIS and Remote Sensing"	IRTC, Mundur, Palakkad	03/12/2019	05/12/2019	14
Skilled Development	GST Practitioner	MSME TDC, Govt of India	02/03/2020	10/08/2020	70
Industry	On the job training	1.Vekam and associates Chartered accountants 1177, avinashi road, Coimbatore	03/09/2019	22/09/2019	2

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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
Nirmala college for women	23/09/2019	Advance excel	33
Professional Infotech, Coimbatore	05/07/2019	Training on Medical Coding and Billing	48
University of Malaya, Malaysia	15/11/2019	Collaborative Research works, Internship programmes	2
The Institute of Advanced Computing (TiaC) , Ram Nagar, Coimbatore	24/01/2019	Computer Applications In Business	60
Pot out Solutions, New Siddhapudur, Coimbatore	24/01/2019	Tally GST	60
Digital Marketing, AJD Hub, Ram Nagar, Coimbatore	24/01/2019	Digital Marketing	66
Accent Technosoft , Coimbatore.	30/07/2019	Value added course	51
Refinement Software Solutions , Coimbatore.	30/07/2019	Value added course	43
Be Positive Institute For Skilling Pvt Ltd. Coimbatore.	30/07/2019	Value added course	46

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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
9928603	10992012

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Classrooms with Wi-Fi OR LAN	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added



Classrooms with LCD facilities	Newly Added
Seminar Halls	Newly Added
Laboratories	Existing
Class rooms	Newly Added
Campus Area	Existing
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#### 4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
Logic Launch Technologies	Fully	6.4.10	2004

##### 4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	53586	7215542	421	206751	54007	7422293
Reference Books	4569	476991	28	39311	4597	516302
Journals	1475	3419193	81	288464	1556	3707657
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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	Platform on which module is developed	Date of launching e-content
NIL	NIL	NIL	15/10/2019
No file uploaded.			

#### 4.3 – IT Infrastructure

##### 4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	419	10	0	1	0	24	72	16	353
Added	30	0	0	0	0	0	0	0	0
Total	449	10	0	1	0	24	72	16	353

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

16 MBPS/ GBPS
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##### 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
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E-Content developed individually by staff through PPT

[Developed by individual staff](#)

#### 4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
6078603	6139441	3850000	4852571

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)

WEB UPDATION - 2020 Procedures and policies for maintaining and utilizing physical, academic and support facilities. PHYSICAL Campus area covers 15.9 acres with 87 class rooms, 22 laboratories and 5 seminar halls. Class rooms have LCD facility and seminar hall has ICT facility. All the science labs are well equipped with modern equipments and it is maintained by the lab assistants. The library, covers 20000 Sq.ft, and is well equipped with modern facilities and provided with the latest software. ACADEMIC Nirmala College for Women, Coimbatore has been in the forefront of Women's Education in Tamil Nadu for the last 72 years. At present woman students are trained in various disciplines of Arts Science at the UG PG, M.Phil Ph.D levels. The participation style of management is involved in curriculum development, short term and long term institutional planning. The teacher can exercise freedom in developing the necessary intellectual climate for students. Choice Based Credit System (CBCS) approach in learning and self study would enable students to learn extra credits. LIBRARY The library is well equipped with excellent seating arrangements. It is completely automated with the implementation of latest software's like, • INFLIBNET • DELNET • NISCAIR • SAGE • D-LINE • IUP-ICFAI • NPTEL The Library is kept open every working day from 9:00 am to 5:30 pm. Each student will be issued two tickets. Books may be renewed for a further period of one fortnight and not allowed to sub-lend to any person, Reader's tickets are not transferable. Readers are asked to cover the books. Online Public Access Catalogue (OPAC), Image Scanning, Digital Instant Photo Facilities are available. COMPUTERS: The College has 449 systems. The systems are used in the department, office and computer labs. All machines are linked with internet- AIRTEL and 16 MBPS width is available. Digital Library facility is available. LABORATORIES: Separate laboratories for UG PG Students and an instrumentation room facility is also available for Research scholars. Science labs are well equipped with latest equipments. To save earth and Go Green and protect the environment, experiments involving toxic and health hazardous chemicals are avoided. SPORTS Every student of I and II year degree class should undergo physical education prescribed by the college. General physical education classes are held twice a week. For all the sports and games events special coaching is offered by the college from 5:30 am to 9:00 am and 4:30 pm to 7:30 pm by special coaches of various athletics and team games. • Multi Gym facility is available for the benefit of the students. • Outdoor court facility like Volley Ball, Basket Ball, Ball Badminton, Kho-Kho, Kabhadi, Tennis Ball and Hand Ball are available. Other Activities • Activities like Guest Lecture, Work Shops, Seminars, video conferences and Training Programmes are offered to the UG, PG and Research Scholars. • Class rooms are facilitated with OHP, LCD and Smart Boards. • All the departments having Book Bank facility. Video conferencing hall has been established. The departments have organized international conferences through this facility.

**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 and Memorial Scholarships, Student's fee concession by the Management, Medical aid from Management, Staff and Students, Indira Gandhi Single Girl child Scholarship, Free scholarship, Student Aid fund, Student fee fund, Bene	561	2386843
Financial Support from Other Sources			
a) National	BC/MBC, SC/ST, OBC, Minority scholarship, SRF, JRF, SIB, Adi Dravidar Welfare Scholarships	560	2386637
b) International	Nil	0	0
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Soft Skill Development - Computerized Accounting	26/09/2019	140	TiAC
Skill Development - GST Practitioner	13/03/2020	70	MSME TDC , Govt. of India, Guindy
Soft Skills	05/12/2019	57	Ms.Sindhu Kalyanasundaram, Chief Mentor, Ignite Akademi, Coimbatore Workshop
Remedial coaching	09/12/2019	331	Department Faculty
Readers Club	01/07/2019	60	Department Faculty
Language lab - Communicative	01/07/2019	85	Department Faculty

English classes			
Readers Club	01/07/2019	60	Department Faculty
Bridge courses to develop drawing skills	01/07/2019	123	Department Faculty
Bridge course in Basics of Computers	22/01/2020	74	Department Faculty
Personal Counseling and Mentoring	20/06/2019	903	Department Faculty
<a href="#">View File</a>			

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2019	DBT Sponsored Guest Lecture on "Preparation Strategy for Competitive Exams in Chemistry"	94	0	0	12
2019	Career Empowerment for Chemistry	77	0	0	0
2019	Career Counselling - Soft Skill Training For Basic Science Students	246	0	0	0
2019	UPSC Coaching	5	0	0	0
2019	Career Guidance	4	156	7	42
2019	Career Guidance and Placement Cell	0	5	0	5
2019	CRT - Campus Recruitment Training (EXPLORE ACADEMY)	0	56	1	20

2019	HIREMEEConducted Psychometric evaluation for students self-assessment	0	49	0	0
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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 students placed	Nameof organizations visited	Number of students participated	Number of students placed
Senthil Group of Institutions, Salem, KIDS CLUB Matric. Hr. Sec. School, #7, II Street, Sheriff Colony, Tirupur-641604, Goan Institute International Consociation of Education [GICE], Amazon, Sureti Insurance Marketing Pvt. Ltd, Focus Edumatics Pvt. L	1417	339	Cognizant, Infosys, TCS, Hexaware Technologies, VR Careerz Recruitment / Consulting Services, Chennai, Crayonte - Revolutionizing Technology Service, TNQ Books and Journals Private limited, All India Radio Coimbatore - Kovai FM.	600	39
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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	Department graduated from	Name of institution joined	Name of programme admitted to
2019	14	B.A	B.A	Nirmala	M.A B.Ed,

		Economics	Economics	College for Women, Coimbatore. Government Arts College, Coimbatore Loyola College, Chennai. Loyola College, Chennai .Government Law College, Coimbatore. Government Law College, Namakkal.	M.Phil ,M.Sc Digital Journalism, L.L.B (Law)
2020	9	B.A History	B.A History	Nirmala College for Women, Coimbatore	M.A
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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
NET	4
Civil Services	2
GMAT	1
SET	8
Any Other	19
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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
Geography Quiz -Young Geographer Award State Level Young Geographer Award	State level	1
Wealth out of Waste ,Mime creation, Solo singing, Treasure hunt, GAB Fest, Face Painting, Mehandi, Rangoli ,Go Between	Institution	24
Know Your Economy - Awareness Kindling Test	Institution	141
Intercollegiate competitions- Business Connection, Word Chasing, Best Investor, Facial	Inter-collegiate competitions	112

Painting, Adzap		
'Rendez-vous 2020' Inter-departmental competitions and French Language day celebration	Zonal	100
Hackathon	Institution	25
Pookolam	Institution	5
Cultural,Oratorical	Institution	15
E-Poster Cultural	Institution	20
Intercollegiate Students Meet Chemflair'20	Inter -collegiate	122
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### 5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	Bronze Medal	National	1	0	181HT019	J.Jasmine Sime
2019	Gold Medal	National	1	0	181CO014	L.Chandral ekha
2019	Bronze Medal	National	5	0	171EC027,1 81BO013, 181BO005, 181BO030, 181BA053	K.Mohana,M .Harini, L.Arockia Preethi, J.Ramya, D.Sowmiya Mary
2019	Silver Medal	National	1	0	181BA053 K.Mohana	D.Sowmiya Mary
<a href="#">View File</a>						

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

Student Affairs Committee have started with a motivational programme by Rev. Dr. Sr. Mary Fabiola, Vice-Principal and Dr. Mercy Anandharaj, Dean of Student Affairs. College reopened for II,III UG and II PG students on 17.06.2019, The Secretary, Rev.Sr.Dr.Ruby Alangara Mary and The Principal, Rev.Sr.Dr.M.Helen, addressed the students. On 19.06.2019, College reopened for I UG students, Rev.Fr.Siju, Asst.Parish Priest, St.Michael's Cathedral, Coimbatore, addressed the gathering. Preparation and conduction of College Union Election from 19.06.2019 to 25.06.2019. On 20.06.2019 an orientation Program for I year students was organized. Motivational programmes like 'Women Empowerment", "How To Be an Entrepreneur", "Women and Science" for III UG students, "Women Empowerment and the role in Empowering the Nation", "Self Confidence" and also Personality development programme on "How to be Confident in Life to face Challenges" were organized. Communicative English Course for the Freshers and "Fresher's day was celebrated. College reopened for I PG students on 01.07.2019, the Principal, addressed the students. The College Union Inaugural was held on July 1st 2019, by Rev.Fr. Jegath Casper Raj, Founder of Tamil

Maiyam and the RISE, Chennai for the year 2019-2020. 73rd Independence Day Celebration was on 15.08.2019, addressed by Lt. Amirtha Janarthanan, Deputy Logistic Officer, INS Agrani, Coimbatore. 35th Graduation Day Celebration was on 16.08.2019, addressed by Dr. Tune Usha, Scientist-F, National Centre for Coastal Research, Ministry of Earth Sciences, Govt. of India, Chennai. Teacher's day was celebrated on September 4th 2019. Retired teachers were honoured on September 5th 2019. Various health awareness programs like "Breast feeding and parenting", "Nutritious Diet", Self-Defence and Sexual Abuse, "ACHAMILLAI", Corona Virus awareness programs and Ragging Curb Committee on anti-ragging were arranged. Installation of Sanitary Napkin Vending Machine and Incinerator on 9.03.2020 by Casagrand Foundation. Competitions like Pookolam in connection with Onam, "Youth Awakening Day" - Oratorical competition on 'Various Facets of Dr. A.P.J. Abdul Kalam' was conducted, Celebration of "National Girl Child Day", Celebration of "National Voters Day" Poster Presentation was held on the theme "Electoral Literacy for Stronger Democracy". On October 3rd, The emotional Rasa in Christian theology offers a theatrical lens for the Navarasam, of Lord Jesus a classical dance-drama was organized. Around 125 dancers participated and more than 1000 audience watched and telecasted in Madha TV. Programmes on News Paper Reading-How to Read Effectively- 'THE HINDU', Workshop on Aari Embroidery, Student Supportive Services regarding PAN Cards, meeting on "Importance of Eye", "International Human Rights Day" Celebration Lecture Sessions, Parents, Teacher's Meeting and Women's Day was Celebrated. On 14.02.2020, 72nd College Day Celebration by Very Rev. Mother. Joseph Benedicta, President-Nirmala Education Society, Coimbatore and Mrs. Gracy Prakash (Alumna), Reserve Bank of India, Chennai, was the chief guest. College Union Valedictory presided by Ms. Minu Pramod, I.R.S Commissioner of GST. On 16.03.2020, Union farewell for Retiring Staff and also Students' Farewell were arranged. S. Divya of III B.Com (Aided) and Ms. V.S. Sneha Theresia of III B.Sc Mathematics (S.F) has been elected as College Union President and Vice - President during 2019-2020, participated and given feedback in the Academic council meeting.

#### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of registered Alumni:

94

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

159900

5.4.4 – Meetings/activities organized by Alumni Association :

On 18.02.2020, Haiku poem competition was conducted for all III UG and II PG students. On 22.02.2020, OSA meet was held, all the members and retired staff participated. Alumni are represented in the Board of Studies.

#### 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)

Controller's Office • Controller of Examination has been given full autonomy to take decisions in consultation with Examination Committee and enforce such decisions which has helped to introduce credible examination system with timely



result declaration and speedy settlement of examination related grievances. • Two Continuous Internal Assessment and End Semester Examination have been carried out by COE • Outcome Based Education is implemented and Question papers are framed using Bloom's Taxonomy • Outcomes have been analysed using graphical representation Department • Individual departments are given liberty to organize various programmes and to attend programmes organized by other institutions. • Faculty are given freedom to select their preferred elective papers • Awareness programmes and competitions have been organised by faculty as various club activities. • Effective mentoring is done by the faculty members in order to make the learning student centric • Freedom is given to faculty in framing the syllabus which is then approved by the BOS • The Student Union council members are allotted various portfolios to work on different aspects for the welfare of the students and for the institution. • Through Choice based credit system, Students are given freedom to select their own elective subjects • NAVARASAM - a cultural programme encompassing different types of traditional dances was presented and telecasted throughout the state in the Madha TV Channel. Every year the college has a theme. The theme for the year 2019-2020 is An Empowered Woman is powerful beyond measure. All the departments are motivated towards this theme in coordinating all their activities, academic, social and cultural.

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
Industry Interaction / Collaboration	<ul style="list-style-type: none"> <li>• MoU's signed by the departments in organising seminars, internships, field visits and training programmes.</li> <li>• Mandatory industrial internship for PG students</li> <li>• Placement training is conducted for final year students with Explore academy.</li> <li>• Industry personnel as representative in BOS</li> <li>• Departments and their MoU's with various organisations are as follows: English-YourVideozs FIRM for Digital Content Designing, Economics-Myth Creators for Certificate Course in Desk Top Publishing, Mathematics (Aided) - YRSK Technologies for Enhancing Technical Excellence, UDAAN Technologies Botany-Ramya Nursery, Coimbatore., and University of Malaya for international collaborative research, Zoology-Center for Bioscience and Nanoscience Research Pvt Ltd., Coimbatore, Mathematics (SF) - Institute of Multimedia Arts and NCC Graphic Effects for Creative Education., Computer Application -Adoro Institute of Multimedia for Hands - training., Information technology -Nettel India Solutions for Hands - training., Computer Science - Shrishtie Academy for Hands - training., Commerce -The Institute of Advanced Computing</li> </ul>

(TiaC) for Computer Application in Business., Plot out Solutions for Tally GST., Digital Marketing, AJD Hub for Digital Marketing, The Institute of Advanced Computing (TIAC) for Digital Commerce, Commerce CA PA- CSC Computer Education for Tally, BBA- Outreach Foundation India, Coimbatore, Bioinformatics- ISDC for International Skill Development Corporation.

Human Resource Management

- Departments submit the workload to the Principal.
- Recruitment of skilled candidate are done on the vacancy to be fulfilled.
- PF for teaching (SF) and non-teaching is provided by the Management
- Soft skill training is given to the office staff
- Awareness programme on first aid was given to non-teaching staff.

Library, ICT and Physical Infrastructure / Instrumentation

- Library is regularly updated and upgraded by adding new Text books, reference books , Research journals, magazines, news papers and e-Journals
- The library is fully computerized with bar coding facility and the books are classified by Dewey decimal classification.
- The OPAC system enables the students to check the availability, status and the exact location of the books.
- The bar coded ID cards help to systematize the day to day book transactions.
- Library is a three storied building, and is fully automated with a wide collection of the latest Books, Periodicals and CDs, which is updated every year.
- The library functions in a networked environment, and maintains two servers and over 58 PCs to support its various operations and services.
- Electronic resources such as INFLIBNET- N List and NPTEL are made available to all the students and faculty via internet and the College intranet.
- The library also hosts DELNET, a digital repository of research.
- E-resources available in the library are INFLIBNET,DELNET,NISCAIR,SAGE,D-LINE,IUP-ICFAI,NPTEL
- Library services and facilities includes, OPAC Online Public Access Catalogue, Orientation programme for the students, Book Exhibitions, Reference services, Display of new arrivals, Competitions, Research Corner, Book bank Scheme, Safety measures (CCTVs), Suggestion Box.

Research and Development

- An E Journal titled "International

Journal of Humanities and Science" has been launched by the Research Committee of the college on 14.02.2020. It is an interdisciplinary biannual journal. • Nirmala Annual Research Congress (NARC-2019) has been organised to help the undergraduate, post graduate and research scholars to present articles and get their work published in ISBN proceedings. 143 original research articles have been published by UG, PG and Research Scholars of Nirmala College for Women. • Faculty members are encouraged to submit research proposal to CSIR, STRIDE, DST and TNSCST. Student project has been sanctioned by TNSCST. • Faculty members and research scholars are encouraged to publish their research work in UGC-Care list and SCI-scopus indexed journals. • International video conferences were organized by all the departments through SKYPE.

Teaching and Learning

- A lesson plan is formulated at the beginning of the year by each teacher about the lessons to be taught, teaching strategies and with the tentative dates.
- Faculty uses more of teaching aids and adopts ICT.
- Remedial coaching is provided to slow learners.
- The institution organizes soft skill programmes, personality development programmes and placement training to equip students to meet the needs of the industry.
- Regular industrial and institutional visits are organized to get practical exposure
- Communicative English is offered to help the students to learn the language better.
- Faculty members provide mentoring and personal support to the students.

Curriculum Development

- The plan to introduce Outcome Based Education (OBE) in the curriculum as per the guidelines of NAAC has been one of the significant feature of the strategic plan.
- The whole process of implementing OBE in curriculum began with the interactive meeting of IQAC with the Curriculum Development Cell (CDC).
- In the academic planning and academic calendar, development of teaching plan as per OBE was implemented for current academic year 2019-2020.
- Workshop and Training programmes were conducted by IQAC to introduce OBE to the faculty. Faculty

members were then asked to do the following:

- Framing Program Educational Objectives (Not more than 5) which are attainable by students between 3-5 years after graduation
- Course Outcomes (not more than four or five depending on the depth and nature of the course)
- Mapping Course Outcomes to Program Outcomes
- The newly framed OBE syllabus was successfully implemented for the students admitted during the academic year 2019-2020.

**Examination and Evaluation**

- The Continuous internal assessment is designed in such a way that it caters to all categories of the students.
- The Assessment includes assignment submission and quiz for UG students Seminar(Oral and Blackboard) and power point presentation for PG students
- For the current students, question papers are framed according to Bloom's Taxonomy.
- Multiple Choice Questions in CIA and the Quiz are conducted on an online mode.
- Marks are uploaded by faculty using Camper Software
- Question paper setup and Valuation is external for the end semester examination.
- Results of the end semester examination are passed in result passing board.

**Admission of Students**

- Admission of students is done purely on merit basis and according to the reservation policy of the state government.
- Women students of all castes and creed are given admission. Physically challenged candidate and wards of Ex-servicemen are given preference in admission.
- Any student who has cleared Tamil Nadu Higher Secondary courses or Central Board of Secondary Education or Indian School Certificate examination is eligible for admission to the Bachelor course.
- Admission for SC/ST candidates are done as per Govt. Regulations. 18 percentage to SC and 1 percentage to ST.
- Application is issued along with the brochure. Filled in applications are received and the details of the candidate are uploaded on a daily basis.

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

E-governance area	Details
Planning and Development	? Individual E-mail id for each department to circulate notices,

	reports and to collect datas. ? Vendor Details: ? M/s Logic Launch Technologies,#8 Mylamparai, M.G. Pathi (PO), O.K.Mandapam Via, Coimbatore-641032 ? Proprietor: S. Muthu kumar Muthu.LogicLaunch@gmail.com ? Ph.No.9047798669 Year of implementation - 2007
Administration	? ? Notification and important brochure of all the academic activities posted in college website ? Digital notice board is set up to inform about the daily events ? The college has Biometric swipping for teaching and non-teaching staff. ? Entering Student's attendance daily using Campes-Attendance software. ? CCTV cameras in all the floors of the building and at the entrance of the college ? WhatsApp Group is also used to communicate with the students about the college events ? Vendor Details: ? M/s Logic Launch Technologies, Proprietor: S. Muthu kumar Muthu.LogicLaunch@gmail.com
Finance and Accounts	? Fee monitoring ? Preparation of budget, income and expenditure statements ? Maintenance and Audit of accounts ? All transactions regarding government bills are done using IFHRMS software.
Student Admission and Support	? ? Enrollment of Students ? Fee payment ? Issuing Transfer Certificates and Bonafide certificates ? Library book catalogue access through OPAC. ? Semester results are posted in the college website ? Vendor Details: ? M/s Logic Launch Technologies, Proprietor: S. Muthu kumar Muthu.LogicLaunch@gmail.com
Examination	? ? Payment of exam fees ? Uploading of CIA marks using Campes-Exam software ? Generation of seating arrangements for exams ? Invigilation duty for faculty ? Attendance sheet with student's photograph for semester exam ? Vendor Details: ? M/s Logic Launch Technologies, Proprietor: S. Muthu kumar Muthu.LogicLaunch@gmail.com

### 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
------	-----------------	--	--	-------------------

2020	NIL	-	-	0
No file uploaded.				

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)
2019	Recent trends and techniques in web applications development	-	27/11/2019	27/11/2019	15	0
2019	Web application development and deployment using spring framework	-	28/11/2019	29/11/2019	15	0
2019	Demonstration on Chemistry Practical Examination	-	20/06/2019	21/06/2019	30	0
2019	Know First Aid-Become a Life Saver	-	02/12/2019	02/12/2019	15	0
2019	-	Laboratory Accidents and its First Aid.	02/12/2019	02/12/2020	0	12
2019	Google Docs, Online Book Publishing, KAHOOT apps	-	15/06/2019	15/06/2019	18	0
2019	-	Google Docs, Online Book Publishing, KAHOOT	20/07/2019	20/07/2019	0	15

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

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
E Content Development and MOOC course	3	04/12/2019	10/12/2019	6
Refresher Course in Mathematics and Statistics	1	04/12/2019	17/12/2019	13
Refresher Course in Economics and Econometrics conducted by UGC- HRDC	1	20/11/2019	03/12/2019	13
Refresher course in Physics	1	22/01/2020	03/02/2020	13
New Approaches in History	1	21/01/2020	03/02/2020	14
Natupuraviyal (Tamil)	1	20/06/2019	03/07/2019	13
Refresher Course in Hindi at Ranchi University	1	10/12/2019	23/12/2019	13
Faculty Development Programme on Innovative Teaching Strategies	68	30/10/2019	30/10/2019	1
Refresher Course in English	1	20/11/2019	03/12/2019	13
Refresher Course in History	2	23/10/2019	05/11/2019	13

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
155	155	64	64



### 6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<ul style="list-style-type: none"> <li>• ESI and PF contribution to SF Faculty</li> <li>• Staff welfare committee organized Postal RD, LIC, Loan scheme And retirement farewell function</li> <li>• Faculty members are honoured by the college management for producing Ph.D.</li> <li>• All Non-doctoral faculty members are given NOC to enroll in part time Ph.D programme</li> <li>• Maternity benefits - 3months leave with salary for SF faculty</li> <li>• Leave on-duty to attend orientation / refresher courses, to participate in academic events, to undertake special training in use of modern equipments, to visit other institutions in the capacity of resource persons, member of various panels and Boards of Studies, doctoral committees and as examiners</li> </ul>	<ul style="list-style-type: none"> <li>• Interest free loan,</li> <li>• Fee exemption for the children,</li> <li>• Contribution to PF</li> <li>• Special trips have been arranged</li> <li>• New dress materials and one month provision are provided for Christmas festival by the Management</li> </ul>	<ul style="list-style-type: none"> <li>• Fee concession and free Hostel facility for the meritorious sports students and Ex-servicemen wards.</li> <li>• Scholarships are offered to economically backward students</li> <li>• Certificates are provided to recognize the students' participation in College Union, Sports, College Day Activities and College Choir.</li> <li>• Road safety is ensured to the students by the student members of RSP</li> <li>• Organized camp for Aadhar updation and for applying PAN.</li> <li>• Communication skill and soft skill training</li> <li>• NET/SLET, civil services coaching</li> <li>• Noon Meal Scheme for the under privileged students (76 students have benefitted).</li> </ul>

## 6.4 – Financial Management and Resource Mobilization

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

Internal Financial Audit has been conducted by Ms. Thomas Co., Chartered Accountants, Chennai for the academic year 2019-2020 on 11.09.2020 and 12.09.2020 All the expenditure of the Institute were audited by internal audit Ms. Thomas Co., and subsequently by the Joint Director of Collegiate Education, Coimbatore. The details of income and expenditure of the college is prepared by the accountant of the college for onward transmission to the internal auditing officer through proper channel (Secretary of the College) Government Audit by Joint Director of Collegiate Education for all Government (Both State and Central) related accounts at regular intervals.

### 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
Management, Staff Students, Attitude trust, Vitae International sponsor, Shanthi Gears, ASK Krishna Centre of mindfulness trust, Mrs. Viji Mohan (V J Wire	1719025	Fee Concession, Students Aid, Medical Aid, Education



forms Pvt.Ltd)

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6.4.3 – Total corpus fund generated

2699989

**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	No	-	No	-
Administrative	No	-	Yes	Ms. Thomas Co., Chartered Accountants, Chennai

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

1. Parent teachers meeting is conducted department wise once in a semester 2. Parents expectation for the curriculum development is sought and the welfare of their wards is discussed. 3.Support as Resource persons in personality development programmes

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

1.Laboratory Accidents and its First Aid for Lab assistants 2. Google Docs, Online Book Publishing, KAHOOT apps training 3. Soft skill training for office staff

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

1. Implemented syllabus based on Outcome Based Education 2. Mentoring of 6 non-accredited colleges under the PARAMARSH scheme 3 An E Journal titled "International Journal of Humanities and Science" has been launched by the Research Committee of the college. It is a multidisciplinary journal issued biannually. 4 The college has adopted 6 villages under the Unnat Bharat Abhiyan Scheme, MHRD, New Delhi. The villages are Sengathunai, Chencheripalayam, Kadambadi, Karuvampalayam, Perkaipathy and Kunjapathy.

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	Orientation Program for faculty on "Empowered woman - a power beyond measure"	14/06/2019	14/06/2019	14/06/2019	135

2019	Workshop for faculty on "Google Drive, Google Docs, Online Book Publishing and Kahoot	15/06/2019	15/06/2019	15/06/2019	70
2019	The first Paramarsh Meeting under UGC for Mentee Institutions - Ice Breaking session	12/10/2019	12/10/2019	14/10/2019	15
2019	Nirmala Annual Research Congress 2019, a platform for Research Scholars and faculty to present and publish their papers in an ISBN Compendium	27/11/2019	27/11/2019	27/11/2019	143
2020	Workshop on the Revised Guidelines of the Accreditation process for Autonomous colleges	07/03/2020	07/03/2020	07/03/2020	138
2020	Guest Lectures were organized for the Mentee Institutions under the Paramarsh program of UGC	25/02/2020	25/02/2020	05/03/2020	134
2020	Initial academic assessment of the Mentee Institutions	13/03/2020	13/03/2020	16/03/2020	2

	- Erode Christian college, Erode and Kaypeeyes college, Kotagiri				
2020	NAAC sponsored National Seminar on "Quality sustenance and Enhancement: Prospects for attaining Global Standards"	09/01/2020	09/01/2020	10/01/2020	1320
2020	Awareness Program on DBT sponsored MANAV Project, co-ordinated by IISER, Pune and Persistent systems, Pune	12/02/2020	12/02/2020	12/02/2020	200
2020	Workshop on the "Revised Guidelines of the Accreditation process	22/02/2020	22/02/2020	22/02/2020	55
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## CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 – Institutional Values and Social Responsibilities

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

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Guest Lecture on Women's Empowerment in Society	20/02/2020	20/02/2020	462	0
Screened a movie on "Today is the day."	20/02/2020	20/02/2020	133	0

This film showcased the women empowerment is not about fighting men but rather it is on encouraging women to rise up and fight for their rights.				
Screened a Motivational Hindi Movie "Chak De India"	03/03/2020	03/03/2020	40	0
Health Awareness Programme on Gynecological Problems	05/03/2020	05/03/2020	822	0
International seminar on Women Empowerment challenges and opportunities	05/03/2020	05/03/2020	172	0
Guest Lecture on Power of Women	06/03/2020	06/03/2020	1000	0
In connection with Women's day Celebration, Department of History has honored their Alumni with Phenomenal Women Award	10/03/2020	10/03/2020	6	0
Womens Day Celebration- Honored renowned Alumni Award of all the departments	07/03/2020	07/03/2020	18	0
Women's Day Rally	08/03/2020	08/03/2020	1000	200
Ragging Curb Committee-Awareness Program	19/06/2019	19/06/2019	1710	0
Entrepreneurshi	25/11/2019	17/03/2020	54	0

p Development (History UG & PG curriculum)				
Women Studies (Economics UG Curriculum)	25/11/2019	17/03/2020	50	0
Women and reproductive health (Zoology UG Curriculum)	18/06/2019	17/03/2020	109	0
Nutrition and Health (Zoology UG Curriculum)	18/06/2019	31/10/2019	50	0
Entrepreneurshi p Development and Project management (BBA UG Curriculum)	18/06/2019	31/10/2019	47	0
Motivational talk on "Women Empowerment-You are Precious" for I year Students	21/06/2019	21/06/2019	948	0
Motivational talk on "Women Empowerment, Importance of language; both mother tongue and English and How the younger generation is connected with technology"	01/07/2019	01/07/2019	822	0
Guest Lecture on Ilakiyathil Penkalin Alumai	04/07/2019	04/07/2019	1000	0
Motivational talk on " How To Be an Entrepreneur'" for III UG students	05/07/2019	05/07/2019	822	0
Guest Lecture on Glorifying Women	05/07/2019	05/07/2019	163	0
Guest Lecture on Role of Empowered Women in Economic Development	10/07/2019	10/07/2019	156	0
Breast Feeding	02/08/2019	02/08/2019	822	0

week Health Awareness programme on 'Breast feeding and parenting'				
Celebration of National Girl Child Day competitions- Students were motivated to participate and have won Prizes at District and State Level	24/01/2020	24/01/2020	6	0
Personality development programme on ' How to be Confident in Life to face Challenges'	29/08/2019	29/08/2019	822	0
National Conference on Breaking the Silence: Women - One Day Empowerment	30/08/2019	30/08/2019	260	20
Script writing competition on Women Empowerment	03/09/2019	20/09/2019	100	0
73rd Independence Day Celebration, Motivational talk on "Participation of women in Freedom Movement and how today's Women are to be Empowered". Students participated in Various cultural programs organised on the theme "Women Freedom Fighters"	15/08/2019	15/08/2019	3250	0
Training programme on	21/08/2019	21/08/2019	30	0

"Earn While Learn-Empowerment as Entrepreneur Through Design Making"				
Guest Lecture on Iyarkkai Udal Nalam Mana Nalam Penal	21/08/2019	21/08/2019	75	0
Guest Lecture on Personal hygiene and reproductive health	23/09/2019	23/09/2019	200	0
Awareness Programme on Self-Defence and Sexual Abuse. "ACHAMILLAI"	24/09/2019	24/09/2019	948	0
Guest Lecture on Cyber Security and Cyber Law	30/09/2019	30/09/2019	150	0
Motivation and Self Identification helpful Documentary Movie on " KATTRAVALI KATTRAPIN" for UG students	10/10/2019	10/10/2019	1000	0
Youth Awakening Day- Oratorical competition on "Various Facets of Dr. A.P.J. Abdul Kalam"	14/10/2019	14/10/2019	30	0
Video conferencing lecture on "Disaster Management for Beginners"	14/10/2019	14/10/2019	108	0
Motivational talk on 'Women Empowerment' for III UG students	15/10/2019	15/10/2019	822	0
Documentary film screened by the movie club "Karpai	25/10/2019	25/10/2019	500	0

katrapin"				
Self Defense training programme initiated for II UG students	26/11/2019	20/03/2020	894	0
Guest Lecture on Women Empowerment	28/11/2019	28/11/2019	348	0
Motivational talk on Women Empowerment	05/12/2019	05/12/2019	110	0
Motivational talk on Women and Child Health Issues	06/12/2019	06/12/2019	220	0
Motivational talk on 'Self Confidence'	19/12/2019	19/12/2019	882	0
Two days personality development programme on Women and Psychology	03/01/2020	04/01/2020	1850	0
National Video Conference on Unmuting Subjugation Women and Mythos	08/01/2020	08/01/2020	210	0
Awareness Programme on "Kavalan SOS App"	09/01/2020	09/01/2020	300	0
Guest lecture on level up	27/08/2019	27/08/2019	220	0
Guest Lecture on Bharathi Potrum Penmai	09/09/2019	09/09/2019	1000	0
Motivation and Self Identification helpful Documentary Movie on " KATTRAVALI KATTRAPIN" for UG students	13/09/2019	13/09/2019	1000	0
Orientation programme for faculty on Empowered Woman	14/06/2019	14/06/2019	135	0



- a power beyond measure				
Script writing competition i) Portrayal of Women in Social Platform ii) Problems faced by teenagers iii) challenges faced by women. The topics for Tamil script writing are: Penniyam Kaapom, Pennaga Naan and Naan Edhirpaarkum Pen.	02/09/2019	30/09/2019	40	0
Hindi students enjoyed the movie "Mission Mangal" (Based on Women Empowerment) in Cinema Theatre	14/09/2019	14/09/2019	10	0
One Day Personality Development Programee on Women and Hygiene, Global Vision Taining	16/09/2019	16/09/2019	172	0
Screening a documentary movie "SWASHAKTHI" - right to control and benefit from the resources, assests, income and their own time	18/09/2019	18/09/2019	150	0
Guest Lecture on Women Entrep reneurship	10/07/2019	10/07/2019	145	0
Motivational talk on "Women and Science" for III UG students	11/07/2019	11/07/2019	822	0
Guest Lecture on "Empowered Women, Empower	12/07/2019	12/07/2019	172	0

Women towards Sustainable Development with special reference to Coimbatore"				
Guest lecture on Gender Sensitization	16/07/2019	16/07/2019	200	0
Personality development Lecture on "An empowered women is powerful beyond measure"	19/07/2019	19/07/2019	113	0
Guest Lecture on Women Rights	24/07/2019	24/07/2019	348	0
Screened a documentary movie 'DANGAL' portraying the Indian Woman marching forward to empower women through struggle	29/07/2019	29/07/2019	30	0
Debate Competition : Indraiya Samuthayathil Penkalin Nilai Valarnthullathu / Valara Vendum	10/02/2020	10/02/2020	8	0
Diploma in Public Administration	18/06/2019	23/03/2020	39	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

To reinforce the sustainability of our environment, all the departments brought forth varied initiatives to create a green ecological surrounding in the campus. • College has adopted six villages under MHRD Unnat Bharat Abhiyan Scheme. Quality Seeds worth Rs. 52,000 were purchased and distributed to the tribal farmers in the adopted village. A metal road measuring 1000 sq.m was laid in the college campus at a cost of Rs. 9, 25, 000/ making a pedestrian friendly pathway enforcing the restriction to entry of automobiles inside the campus. • For conservation of nature and to engender awareness among students, diverse strategic plans were accomplished through maintenance of the lawns, turtle and fish ponds, landscaping with additional trees, plants, medicinal and organic terrace garden. Erection of Compost Pit and Rain Water Harvest, 1300 Tree Plantation, 1200 seed balls prepared and distributed to all the Departments in the college campus and off the campus and 135 medicinal plants donated to our medicinal garden by I M.Sc.Botany Students. Continuous eco friendly awareness given to students and initiatives of using only Stainless

Steel Water bottle from January 2020. The use of eco friendly cloth banners for all academic activities. The Department of Geography has been making newspaper bags and supplying free of cost to Canteen and nearby shops as an alternative to plastic usage since 2009 till date. The Department of Economics has also distributed 10,250 Paper Bags to Petty Shops, Bakery, Medical Shops, Departmental Stores, Fast Food Centres and Aavin Stores. With the success of the go-green initiative, the college has signed an MoU with Nature Science Foundation to take up green auditing for a green clean campus. Renovation work was carried out for all the departments rest rooms at a cost of Rs.3,00,000/-.

- Reduction in the use of chemicals for the practicals by using half the quantity mentioned in the procedure and Maintenance of hostel Kitchen Waste Biogas.
- The college is working continuously to adopt innovation in sustaining the environment to reduce carbon footprints. The following measures have been taken: with the help of 56.87 kWp power plant, total energy consumption is 53.33 , total carbon dioxide saving is 15397kWh, total number of equivalent trees planted is 107 during June 2019 till May 2020 and installation of additional 5KW Off grid solar power plant in College Hostel Kitchen and 100W Solar PV Powered Fan and Light in Chemistry Department. Solid waste dump-cleaning the dump twice a week by City Corporation, Rain water harvesting system, LED bulbs, Installation of Sanitary Napkin Vending Machine and Incinerator, Mushroom cultivation unit and Setting up of six Apiary boxes has been implemented in the campus.
- Conversion of solid wastes like leaf litters from college campus and vegetable wastes from hostel approximately 3000 kilograms green waste was converted to 1625 kilograms into organic manure vermicompost.

#### 7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	1
Ramp/Rails	Yes	5
Rest Rooms	Yes	4
Scribes for examination	Yes	234

#### 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	24/01/2020	180	Noon meals	Lunch was provided to the 76 needy students from June 2019 -March 2020	76
2019	1	1	20/06/2020	2	District Institute of Education	Training PG Teachers in Depart	70

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7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
Newsletter for Staff and Students	14/10/2020	The newsletter highlights ample information of the department activities giving vital importance to the dictum of the college. An empowered woman is powerful beyond measure .The activities of each department throw light on it and all activities are related to empowerment of women.
Lab Manual for for Allied Chemistry Practical	19/06/2019	Published in June 2019 with ISBN number. The Practical Manual has been prepared for the students of II B.Sc Botany, Physics and Zoology Major to provide them skill in performing the Allied Chemistry Practical on Volumetric Analysis and Organic Analysis. The manual gives an insight of the procedure for various experiments, reaction mechanism handling apparatus and precautions to follow while doing the Practicals in the laboratory.
A Hand Book to Molecular Visualization	25/06/2019	Published in June 2019 with ISBN number. This book gives a brief information on molecular visualization with step by step process. It has been prepared to facilitate under graduate (III B.Sc Chemistry) students studying

		<p>Elective Subject - Basics of Cheminformatics and researchers for a quick guide for indepth into research in molecular structural analysis for Cheminformatics and structural chemistry. The format of this book has been developed to support the students in the 3D structural studies and easy way data searching and to give confidence to students before they establish full fledged research work in higher education.</p>
<p>Hand book- Semi Micro Qualitative Analysis on Salt Mixture</p>	<p>24/09/2020</p>	<p>This Handbook was published in November for I B.Sc Chemistry Students. The book covers the practical syllabus of I and II semesters. The objective of publishing this book is to develop skills in application oriented experiments and systematically analyse the cations and anions in a salt mixture. It explains the systematic procedure involved in the analysis of an inorganic salt, the principle involved in qualitative analysis, apparatus required, definitions of new terms and the instructions to be followed in the laboratory.</p>
<p>Book- Corrosion Chemistry (An Introduction to Basic Concepts of Corrosion ) , Chemistry of Prodrugs</p>	<p>13/11/2019</p>	<p>Published in November. This book has been written and published to be used as text book conveniently for single semester elective course - (Corrosion Chemistry and Nano Chemistry) for post graduate degree students in chemistry. Due to the necessity of book in the area of corrosion sciences, causes, consequences, mechanism, importance,</p>

		<p>theories, classification and forms of corrosion are covered. Corrosion is a dangerous, most damaging and costly naturally occurring chemical process, hence it is crucial to understand from a chemical perspective before proceeding with experiments and research works and this book has been aimed to give basic understanding of the process.</p>
<p>Book on Ettuthokai Noolkalil Sutrusulal Kuritha Vizipunarvu</p>	<p>18/03/2020</p>	<p>Published book on Environmental Consciousness in Tamil Literature.</p>
<p>Book-Chemistry of Prodrug</p>	<p>27/11/2019</p>	<p>Industries are based on one common subject Chemistry. Integration of information technology and chemistry plays a vital role in various industries like pharmaceutical. The main emphasis of this book has been laid on concept, need, types, mechanism and application of prodrug. Prodrug technology is applied to all the drug administration. Major reason is the non-availability of suitable textbook on the subject pursued as Elective course - Basics of Cheminformatics by III B.Sc. Chemistry graduates published in November 2019 with ISBN number.</p>
<p>Abstracts CHCS 2020</p>	<p>25/02/2020</p>	<p>Chemistry - an essential element of modern society provides vital solutions in sustainable fashion to benefit the basic societal needs. The contribution of researchers presented in the International Seminar on Contemporary Horizons in Chemical Sciences has been provided in this</p>

		abstracts and its offers a scope of coverage mapping out multidimensional aspects as quest among blooming researchers and scientists Published in February 2020 with ISBN number.
Euphoric Serendipity"-Book	01/01/2020	Book Launched through ThinkInk Publication on 01.01.2020.Euphoric Serendipity portrays the story of a young girl named Lia Kang, who takes the reader through a journey of self-realization, love, euphoria, and serendipity. Lia stands testimony for modern young girls who have a completely different and colorfully unpredictable outlook on life. She tries to break free from the barriers and conventions created by the society around her. Her whole take on life changes when she reaches the place of her dreams and meets the hero of her life. Will Lia Kang be able to handle the confusion that clouds her and clear the path before her?
Lit Blitz Magazine of the Department of English(Aided)	15/10/2020	The theme of Lit Blitz for the academic year 2019-2020 is at par with the theme of our college - "Empowered Woman". The articles in the form of essays, short stories, poems, drawings, pencil sketches have been penned down by the Students of Department of English (Aided) on the titles such as "An Inspiring Woman" , "Ability, thy name is Woman" , "Pangs of Woman", "Women Equality", Women's Charm, Woman Education, "Woman of Strength", "As a

		<p>Woman" and many more. The writing on varied aspects of Woman by our students has made the readers to realize the real strength and persistence of a woman thus the purpose of the magazine is achieved as it inculcates the values and worth of a woman to the one who reads it.</p>
Will your Wit-Book	08/01/2020	<p>The Department of English (SF) published a collection of Short Stories entitled as, Will Your Wit in collaboration with THINKINK Publications of Coimbatore. The Book was published on the One day National Conference held on on January 8th 2019, with Author Usha Narayan as the Resource person. Thirty short stories focusing on the themes of Nature and values of life, collected from the students of English Department SF, as well as from the students of few other colleges were selected and then published with the ISBN - 81-9374804-6. The book received huge response from the Faculty and Students with the sale of hundred copies within two days. The collection of Short Stories, Will Your Wit exhibited the creative talent of students and their enhanced language proficiency and wider perspectives of the world.</p>
College Magazine	22/12/2020	<p>Published every year.The theme of the College magazine 2019-2020 reflects the theme of the college "An Empowered Woman is Powerful Beyond Measure". The magazine highlights the articles,</p>



		poems, writeups contributed by our students in four different languages viz English, Tamil, Hindi, French. The magazine serves as an arena to record students achievements and yearly academic achievements of all the departments and clubs.
Nirmala Annual Research Congress 2019	27/11/2019	Nirmala Annual Research Congress 2019, a platform for Research Scholars and faculty to present and publish their papers in an ISBN Compendium. Published by the IQAC.
Departments Hand book	18/06/2019	The Department Handbook serves as a reference document to introduce the first year UG students to the overall functioning of the department. It lists out the syllabus, credit system, mark division, the various clubs and associations activities. It enables the students to understand and plan for the whole course well in advance.
Laboratory manual for Zoology students	02/07/2019	Zoology department Laboratory Manual was Revised from the year 2015 under DBT. Published in July 2019 with ISBN number.
Nirmala Nandhavanam Magazine of the Department of Tamil(Aided)	10/01/2020	Nirmala Nandavanam, a magazine published by the Tamil Department, was created to enhance the creativity of students published every year with a focus on each subject. In 2019-2020, students created poetry essays focusing on femininity and nature. These works included biographies of talented women and comments on the importance of nature in emphasizing the need to

		<p>protect nature and women. The magazine is 60 pages long and features works by more than 200 students from all disciplines presented their works. The best of them were selected and published. Articles includes Poetries, essays, plays and paintings about Kalpana Chawla, a woman who made a name for herself in science and Sania Mirza, a sportsperson, Indira Gandhi, a great figure in politics, and Mother Teresa, who lived as a symbol of love. In addition, the students have created various works such as poems, essays, plays on river connection, agriculture, the harms caused by industrial effluents and natural fertilizers.</p>
RAINBOW -Advanced English Advance English. Semester I II for UG students	18/06/2019	<p>Published with ISBN number. Rainbow Advanced English Book-I was compiled by the department of English in 2019 and prescribed to the first year Advanced English students of both aided and self financing streams who were admitted from the academic year 2019 - 2021. The book is designed in such a way that it will cater to the needs of advanced english students and functions with an objective to impart english by exposing the students to almost all the genres of English Literature. The number of Advanced English copies distributed for the Batch 2019 is 150.</p>
Book on Human rights for UG students	12/12/2019	<p>College strives hard to promote the advancement of the young students in all their initiatives and</p>

		endeavors. To encourage them to be aware of their rights , security and liberties the college has introduced a Non-major Elective Paper on Human Rights and this Book 'Human Rights' designed and compiled by the PG Research Department of History, Nirmala College for Women, it brings great awareness to the young minds on human Rights Published in December with ISBN number.
English for Knowledge - General English-Prose and Poetry book- for UG students	18/06/2019	The General English Book compiled and edited by the Department of English (Aided) are designed for the Undergraduates. English for Knowledge Prose and Poetry book (Semester I and Semester II) aims to enhance the intellectual personal and professional abilities, enrich their vocabulary and structure to become more proficient in the language skills and an ability to speak English correctly and fluently. English for Knowledge Prose and Poetry book (Semester III and Semester IV) is a graded version of Prose and poetry, abridged version of short stories and situational conversation to enhance the language ability of students. The book is designed to be carried out consequently for three academic years (ie., from 2019 Batch to 2021 Batch) and further the Books will be revised and updated. The number of General English copies distributed for the Batch 2019 is 720.
English for Knowledge - General English-Grammar and Practice for UG	18/06/2019	English for Knowledge Grammar and Practice Book (Semester I and II) for

students	<p>general English students and English for Knowledge Grammar and Practice Book (Semester III and IV) provides the basic grammar terminologies in a precise method on all the major areas in English grammar. Grammar and composition enable students to attain mastery over the essential vocabulary, grammatical categories, make speaking and writing meaningful, logical and help them in expressing appropriately in an interesting manner.</p>
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7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Certificate Course in Human Rights Education	18/06/2019	31/10/2019	84
Moral Instruction and Catechism Classes in the first hour on every Friday to impart righteous values in the young minds to groom them as morally upright, socially sensitive and spiritually oriented citizens.	18/06/2019	17/03/2020	3250
Volunteer Contribution of Medical AID of Rs.1,20,000/- and 1,30,000/- by the management, staff and students to accident victims shyamala of I BCA and Divya Sebastian of III B.Com	18/06/2019	17/03/2020	3250
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

- Students from all disciplines reach out to the village and energize people through a number of perception Campaigns. To involve students, various motivational and Awareness programmes like Applications of Solar Energy, Nanoscience and Magnetic Materials, No Food Waste, Animal welfare, environment and sustainable living, Renewable Energy for Environmental Protection and

Sustainable Development, Guest lectures on Sutru Suzal, Impact of climatic changes on biodiversity, Expo cum colloquium on Food adulteration and Food wastage, Energy Conservation, competitions on Wealth from Waste and Glass Painting and beyond the campus environmental promotional activities on "Swachh Bharat, EK Bharat -Swacchta Pakhwada and Jal Shakthi Abhiyan fosters were also conducted.

- To protect the environment, all the departments contribute through various means for a plastic free campus and Green environment. For conservation of nature and to engender awareness among students, diverse strategic plans were accomplished in the building of ponds, maintenance of the lawns, Fish and Turtle Pond, apiary unit, erection of Compost Pit, Rain Water Harvesting, Mega Tree Plantation, preparation of seed balls, donation of medicinal plants, collection of 400kgs of recyclable wastes, medicinal garden and organic terrace garden. The Solar Panels, LED bulbs and Biogas plant installed in the campus provide natural renewable energy for various tasks and to reduce carbon footprints. All practicals carried out in chemistry laboratory with minimum quantity of chemicals and also encourages the use of effective alternatives to harmful chemicals by non toxic compounds.

- The Career Oriented programme in Vermitechnology, sanctioned under UGC from the year 2013 onwards, systematically converts the green waste of the college namely leaf litters from the college campus and vegetable waste from hostel into useful organic manure. This organic manure finds an essential requirement from the public, faculty and students. For the year 2019-2020, approximately 3000 kilograms of green waste was converted to 1625 kilograms of organic manure vermicompost.

Continuous efforts are being taken for a clean campus and steady green practices by encouraging each department to reduce their consumption, use more eco-friendly alternatives and ensure that the waste they generate is properly disposed. Go green committee members regularly visit the canteen and also monitor the students in the campus on a daily basis during the lunch time and they were instructed to use only stainless steel water bottles and lunch box.

## 7.2 – Best Practices

### 7.2.1 – Describe at least two institutional best practices

1. Title of the Practice : Unique Outreach Programmes Objectives

- To sensitize the students about the living condition of underprivileged community and respond to their needs appropriately.
- To empathize with the downtrodden and disseminating positivity through all possible ways
- To become mindful of privileges enjoyed by the urban students and trace the relevance of one's education to the society.

Context: Nirmala College holds a strong belief in its motto "Knowledge Purifies and Charity Enhances". When the world is throwing light on purposeless pursuits like materialism, fanaticism, cynicism, our college marches forward with a better clarity which focuses on morality and service alongside the academic realm. Since the origin of the institution, the college has launched quite a number of wings that extends its service to the needy sect. NECTAR, SSL (Social Service League), Village Adoption are worth mentioning activities when it comes to our Extension programmes. The village adoption activities carried out by the students make themselves self-confident, independent, compassionate and empathetic and the college has a caption -- 'Nirmala Instills Charity and Enriches' (NICE) Practice: Students are given opportunities to have a direct contact with the deprived class and motivated to come up with creative solutions. Associations like NECTAR, SSL includes student volunteers who do regular visits to oldage homes, polio centres, special schools for providing essentials and also do cleaning work in those places. The entire student community of the College is involved in visiting the adopted villages. Each department is allotted a schedule to visit the villages and the

Village Adoption Committee keeps a check whether the villages are visited every week. The college has adopted the following villages in the year 2018: Kangayampalayam, Kadampadi, Karuvampalayam, Sengathurai, Perukupathi and Kunjapathi. The students along with faculty of various departments regularly visit the villages and carry out activities pertaining in lines with the department activities. Around 1315 students have taken part in various developmental activities in the villages. The biggest asset is the construction of a multipurpose hall measuring around 200 sqft for the benefit of the villagers. Evidence of Success: The extension programmes create an everlasting link between the class room learning and the need of the country. • The students of our college have undertaken social surveys in the adopted villages, worked as manual labourers in cleaning the old age homes, dilapidated government schools and painting its walls. • The students of adopted villages were taught the habit of savings and they were made to open an Account in Post Office which was highly appreciated by the villagers. • The women folk of adopted villages were trained in the production of Curry leaf powder, Mushroom cultivation, oil production. They were also trained in jewellery making and sewing. • Essential supplies like groceries, toiletries were given to special schools and old age homes. • Regular awareness programmes on health and Hygiene, environmental protection, food adulteration were conducted in the adopted villages. • Plantation of trees saplings and seed balls distribution took place in the adopted villages. • The villagers were subjected to medical camps regularly. Blood grouping and Hemoglobin tests were conducted. • Additionally general programmes like independence day, yoga day, human rights day were observed in deaf and dumb schools, poor government schools and adopted villages. Problems encountered :

• The remoteness of the villages has made commutation difficult. • Convincing the villagers is not easy, so it takes more time to build confidence of the villagers to get involved into any welfare activities.

2. Title: Enhanced visits to Industries, fields and Institutions Objectives: • To bring life to the syllabus learnt by the students • To bridge the gap between subject knowledge and field applications • To give students hands on training which results in internalizing concepts • To widen the scope of learning and research • To provide the maximum extent of career choices in their respective branch of study Context: Gaining insights about new concepts from textbooks, lectures and other study material does not suffice for holistic learning. Application based learning and hands-on training have become essential for better understanding of abstract concepts and to enhance the subject interest. The term, 'field visit' itself imparts immense happiness and anticipation in students. The idea of embarking on an educational trip raises the spirit of many students which results in productive learning. The degree of internalizing concepts is far high in field visits than in classroom learning. Intending to go beyond academics, our College has made regular industrial visits and training programmes mandatory for the students to give a practical perspective of the world of work. Practices: Nirmala College has included industrial/field visits as a part of the curriculum. The college believes that students indulge in active learning environment outside the classrooms. Seeing industry experts working on real-time projects actually inspire the students and motivate them in their career. The students always hold great dreams and aspire to become experts in their field. Interacting with the field experts through industrial visit encourages them to follow their goals and builds confidence. The college includes a set time schedule for industrial/field visits for every department. The visits can be categorized as follows: (i) long visits to destinations related to the course, (ii) one day visits to firms which focus on particular papers. The departments are given free choice to choose the destination which widens the level of benefit achieved in visits. The departments are also encouraged to take students to field visits for every paper they learn in a semester. The spark of learning is kept alive by these visits. Evidence of success: • Educational trip helps students in identifying



career choices related to their subjects • It enhance interpersonal and communication skills. Interacting with the experts and knowing how they become successful in the industry is found valuable by students. • The scope for interdisciplinary learning is also found beneficial by students. • Students become more aware of the industry's rules and regulations. • College records a considerable increase in the number of students enrolled in the field trips and field projects from 2216 in the year 2018-2019 to 3700 in the current year visiting 130 field visits including industries, fields and Institutions. Problems encountered: • Getting permission from the Joint Directorate Office and from the visiting institutions • Departments supported under DBT have funds to meet the expenses to be met for the visits while other departments are self supportive.

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

[http://nirmalacollegeonline.ac.in/profile/14551818721s\\_0.pdf](http://nirmalacollegeonline.ac.in/profile/14551818721s_0.pdf)

### 7.3 – Institutional Distinctiveness

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

The College has always played a significant role in accomplishing its mission and vision. One of the distinct objectives of the college is, " To develop in students a capacity to identify their own potential and form a holistic personality that will make them responsible citizens". In working towards this goal, tenacity and grit have distinguished our students in the field of sports and games. The Department of Physical Education provides special and regular coaching to our players with special emphasis on stamina, endurance and perseverance. Rigorous training not only prepares them for superlative performance but helps to keep them fit and agile. The following are the achievement of our players. • Kho-Kho team bagged overall first place in Bharathiar University Intercollegiate tournament, proudly claimed to be the consecutive 6th year achievement. • Power lifting team and weight lifting team secured consecutive 6th year overall first place in Bharathiar University Intercollegiate powerlifting and weight lifting tournament. • Boxing team bagged overall first place in the Bharathiar University Intercollegiate tournaments. • Handball team received overall first place in the Bharathiar University Intercollegiate tournaments. • Taekwondo team won overall first place in the Bharathiar University Intercollegiate tournaments. • Ball Badminton team was placed first in the Bharathiar University Intercollegiate Tournament, proudly claimed to be the Consecutive 30th year achievement of our College. • Crown of all the achievements, our college won Consecutive 29th year Bharathiar University Intercollegiate over all Championship Trophy for Sports and Games for the year 2018-2019. This year also has topped in the overall point table with 73 points. Along with this triumphant team efforts, our students represented National Level Championships. • Ms.J. Jasmine Sime of II B.A History represented Tamilnadu State Team and secured third place in Heptathlon during 31st South Zone Athletic Championship held at Karnataka. • Ms. A. Arthi of I B.A History represented Bharathiar University Kabaddi team and secured third place in the South Zone Inter University Kabaddi Tournament held at Chennai. • K. Mohana of III B.A Economics, J.Ramya, M.Harini, L.Arockia Preethi of II B.Sc Botany, D.Sowmiya Mary of II BBA represented Bharathiar University Ball Badminton team and secured Third place in the All India Inter University Ball Badminton tournament held at Vishakhapatnam. • Chandraleka of II B.Com secured First Place with cash prize of Rs 10000/- in Triple Jumble in National Level College athletic Championship held at Mumbai. • Ms. S. Kirubamathi of I M.Sc. Maths secured First Prize with a cash prize of Rs 10000/- in Tamilnadu Inter University weightlifting tournament held at Tirunelveli. • 10 students

represented Tamilnadu in various Sports at South Zone / All India Inter University level tournaments conducted by Association of Indian University. • 33 students represented Bharathiar University in various sports at South zone/All India Inter University level tournaments conducted by Association of Indian University. With this vast record of achievements in the sports and the standards of excellence maintained by the students, our Sports team continues to seek more accomplishments with a high competitive spirit.

Provide the weblink of the institution

[http://nirmalacollegeonline.ac.in/profile/5973692121s\\_0.pdf](http://nirmalacollegeonline.ac.in/profile/5973692121s_0.pdf)

### **8.Future Plans of Actions for Next Academic Year**

1. To introduce Post Graduate Course in Library and Information Sciences, Diploma course in Siddha and Varma by the Department of Botany and a Post Graduate diploma course in Public Administration by the Department of History 2. For holistic development, value added and skill development courses like Self Defense courses to be introduced for I and II UG students 3. The college has registered with AIC Raise, a nodal centre under Atal Innovation mission under Niti Aayog for initiating an incubation centre in the campus 4. To initiate complete renovation of Students' Rest rooms 5. To apply for Technology based Entrepreneurship Development Programme and Women Entrepreneurship Development Programme, under the DST Scheme for the departments of Computer Sciences, Commerce, Botany, Zoology and Chemistry 6. To initiate Waste Water Management System in the campus. 7. To establish a Women's Studies centre. 8. To motivate the students for virtual visit to Industries and Laboratories. 9. To revise the syllabus based on New Education Policy. 10. To provide seed money for staff and students for doing mini and minor projects.