YEARLY STATUS REPORT - 2020-2021

Part A	
Data of the Institution	
1.Name of the Institution	NIRMALA COLLEGE
• Name of the Head of the institution	Dr. Thomas K V
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	04852836300
• Mobile no	8921967170
• Registered e-mail	nirmalacollege@gmail.com
• Alternate e-mail	kvt@nirmalacollege.ac.in
• Address	Kizhakkekara , Muvattupuzha
• City/Town	Ernakulam
• State/UT	Kerala
• Pin Code	686661
2.Institutional status	
• Affiliated /Constituent	Affiliated
• Type of Institution	Co-education
• Location	Rural
• Financial Status	Grants-in aid

• Name of the Affiliating University	**Mahatma Gandhi University, Kottayam, Kerala**
• Name of the IQAC Coordinator	**Dr. Sony Kuriakose**
• Phone No.	**04852832361**
• Alternate phone No.	**8113980672**
• Mobile	**8113980672**
• IQAC e-mail address	**iqac@nirmalacollege.ac.in**
• Alternate Email address	**sony@nirmalacollege.ac.in**
3.Website address (Web link of the AQAR (Previous Academic Year)	https://nirmalacollege.ac.in/uploads/2021/08/AQAR-2019-20.pdf
4.Whether Academic Calendar prepared during the year?	**Yes**
• if yes, whether it is uploaded in the Institutional website Web link:	https://nirmalacollege.ac.in/uploads/2021/02/Design-Calander-19-20-final-12-02-2021-web.pdf

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 2	**B++**	**82.7**	**2007**	**08/02/2007**	**31/03/2012**
Cycle 3	**B**	**2.85**	**2013**	**01/04/2012**	**22/03/2018**
Cycle 4	**B++**	**2.76**	**2018**	**30/11/2018**	**29/11/2023**
Cycle 4	**A++**	**3.73**	**2021 (Reassessment)**	**08/04/2021**	**07/04/2026**
Cycle 1	**Three Star**	**75**	**1999**	**25/09/1999**	**07/02/2007**

6.Date of Establishment of IQAC	**03/03/2004**

7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
NA	**NA**	**NA**	**NA**	**NA**

8.Whether composition of IQAC as per latest NAAC guidelines	Yes	
• Upload latest notification of formation of IQAC	View File	
9.No. of IQAC meetings held during the year	4	
• Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?	Yes	
• If No, please upload the minutes of the meeting(s) and Action Taken Report	No File Uploaded	
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	No	
• If yes, mention the amount		

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

1. On 08.04.2021, the college got re-accredited with A ++ grade (CGPA of 3.73) 2. Immediately after the announcement of National Education Policy 2020, IQAC has conducted a national conference on " National Education Policy: Reforming and Rejuvenating Teaching-Learning in Higher Education Institutions for the 21st Century on 08.08.2020. Dr. Shakila Shamsu, former OSD (NEP), Secratary to the Commitee of Draft NEP, Department of Higher Education, Government of India, New Delhi was the resource person. 3. Government of Kerala sanctioned new integrated programme in MSc Computer Science (Data Science) during 2020-21. 4. Additional modules (student grievance portal) got added in the college mobile application 'Campulse'. 5. The IQAC has taken a key role in familiarity students with international learning platforms. During this period, the college got a rating of 4.7 out of 5 from Coursera.

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

Plan of Action	Achievements/Outcomes
Facilitating Peer Team Visit through an IQAC Task Force - Various sub-committees shall be formulated. Further, IQAC-Department Interface Meetings shall be organised.	**The college got reaccredited with A++ grade (CGPA 3.73)**
Streamlining the academic mentoring process for better student tracking and Monitoring Online Curriculum Delivery through IQAC Surveys and HODs-Student Class Representatives Online Meetings	**The college secured 90 top Univerrsity Rank Positions (UG + PG) in the University. In addition to this, the college also got 72 A+ grades and 154 A grades. The college could maintan an impressive pass percentage of 86% irrespective of the hurdles faced by the students and teachers due to of Covid 19.**
Strengthening ISR through Nirmala Hastham	**A study centre for 50 students in the tribal settlement in Kuttampuzha Panchayat was established.**
Assist the government in Covid 19 Management	**The college has developed a Covid Tracker Software in association with Muvattupuzha Taluk Hospital**
More classrooms to accomadate the students from expected new programme - Integrated MSc in Data Science	**Nine class rooms were added in addition to two smart class rooms with 4K Interactive Board**
Conduct of Internal Academic and Administrative Audit and External Audits	**Internal Academic Audit condcted on 17-18, September 2020, External AcademicAudit was conducted on 08-09, February 2021.**
Organisation of Two-Tier One Week Induction Programme as per UGC Guidelines	**Institutional Induction and Curriculum Induction programmes were organised. UG - 22-30, October 2020 and PG 29.12.2020 to 04.01.2021.**

National Level Webinar on National Education Policy 2020: Reforming and Rejuvenating Teaching Learning in HEIs for the 21st Century	It was not included in the annual plan prepared by the IQAC. However, it was organised as a quick response to the unveiling of NEP 2020. Dr. Shakila Shamsu, Secretary to the committee of Draft NEP was the resouce person. The programme could attract 2000 participants from various parts of the country.
Continuation of Digitalization of the Learning Process	The college got a rating of 4.7 out of 5 from Coursera. 68 students completed online outreach programme organised by the Indian Institute of Remote Science (IIRS). The college also got selected for Google Cloud Readiness Programme.
Organise more programmes under the ambit of IPR Cell	Two patents were filed during the academic year by Dr. Thomas Varghese and Dr. Jyothish Kuthanappillil
Apply for new PG programmes	Five Year Integrated MSc Computer Science (Data Science) was sanctioned by the government.
Financial Literacy Cell should organise awareness programmes and workshops to improve the financial literacy of the faculty and students	Three programmes were organised during this academic year including a national webinar.

13.Whether the AQAR was placed before statutory body?	Yes

- Name of the statutory body

Name	Date of meeting(s)
Managing Board	09/08/2021

14.Whether institutional data submitted to AISHE

Year	Date of Submission
2020	30/06/2020

15.Multidisciplinary / interdisciplinary

NEP 2020 has envisaged a holistic and multi-disciplinary education system. The fundamental way to accomplish such a system is bringing an innovative and flexible curriculum that integrates multiple disciplines. This will help students to use the concepts and practical learnings in different disciplinary to understand /solve a given situation/ problem. At institutional level, Nirmala college has promoted multi disciplinarily approach in the following ways.

1. Proper implementation of open courses of all disciplines under CBCS system. The college offers 13 open courses ranging from studies to chemistry in everyday life.
2. The B.Voc logistics programme offered by the college combines various disciplines like commerce, management, mathematics etc.
3. Compulsory course in Human Rights and Environment is offered in the fifth semester of undergraduate programmes.
4. Cliodynamics- Majority of the social science and commerce related programme have either mathematics / statistics course that help the students to forecast future trends.
5. Applied Psychology is embedded in courses like personal investment and behavioral finance and literature related courses.
6. The IQAC of the college has organized a national webinar on the topic "National Education policy 2020: Reforming and Rejuvenating teaching learning in Higher Education Institutions for the 21st Century" on 08.08.2020.
7. The Department of zoology organized an international seminar on "How to pursue a pharma Industry from a Zoology Background" on 16.11.2020.
8. Department of Chemistry organized a webinar on "Fascinating World of Nanotechnology" on 29.05.2020
9. Department of Management Studies organized webinar on "Parametric and Non parametric Test "on 06.11.2020.
10. Department of Botany organized a webinar on Perspective on human right: Challenges and Relevance on 17.09.2020.

16.Academic bank of credits (ABC):

The college is affiliated to the Mahatma Gandhi University,

Kottayam, Kerala. The University has not make necessary statutory changes to adopt ABC. However, the institutional processes for the proper implementation of ABC have been created. Some of the efforts of the college in this regard are given below;

1. The College is an authorized NPTEL local chapter. The students are encouraged to register in NPTEL courses.
2. During the year, the college got a rating of 4.7 out of 5 from Coursera. The students have completed 3309 courses during the year.
3. IQAC has created on outline depository of free ICT tools that can be used for teaching and learning.
4. The students have completed an online outreach programme on "RS Applications in Agricultural Water Management "offered by the Indian Institute of Remote Science (IIRS).

17.Skill development:

1. The college offers a B.Voc Programme in Logistics Management under National Skill Qualification Framework (NSQF)
2. The college offers skill development programme in association with Additional Skill Acquisition Programme (ASAP).
3. Four financial literacy Skill enhancement programmes have been initiated by the Financial Literacy Cell of the college.
4. The IIC of the college has organized programmes to promote innovation and idea generation skills.
5. The other main skill development initiatives are given below;

- Two Resume Building workshop sessions
- Two online sessions on 'upgrade yourself. '
- IELTS exam Orientation

18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)

1. The college offers two under graduate programmes (BA Hindi and BA Malayalam) and two Postgraduate programmes (MA Hindi and MA Malayalam). Courses related Sanskrit are included in these programmes.
2. The college has a folklore museum maintained by the department of Malayalam.
3. International Yoga day is celebrated and the college offers a value added course in Yoga.
4. The department of Hindi conducted two webinars; Functional Aspects of Official Language Hindi on 25.09.2020 and Modern Hindi Novel on 01.10.2020.
5. The department of Malayalam conducted two webinars; Kerala

History and Foreign Influence on 03.08.2020 and Malayalam
Culture on 06.11.2020.

19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):

Nirmala College, Muvattupuzha has implemented Choice Based Credit
System (CBCS) in all UG and PG programmes as per the regulations of
Mahatma Gandhi University, Kottayam, Kerala. The college
has well-structured Outcome Based Education (OBE) processes for the
effective implementation and delivery of the curriculum to make the
students socially committed, employable, innovative and research
oriented. POs, PSOs and COs were communicated to the students during
the Five Day UG Induction Programme held during 22-30 October 2020
and Five Day PG Induction Programme held during 20.12.2020-
04.01.2021. Further, Department wise Outcome Based Handbooks were
made available for students in their LMS platform. Learning outcomes
of all programmes are availbel in the college website as well.

20.Distance education/online education:

The college has a customized Moodle platform and it is used by
faculty members to share learning resource and CIA purposes.
Majority of the academic activities of the pandemic year went fully
online as per the directions of the UGC, Government of Kerala and
Mahatma Gandhi University. The college has an IGNOU Study center.
The study centre offers 14 programmes including 5 PG programmes .

Extended Profile

1.Programme

1.1   **696**

Number of courses offered by the institution across all programs
during the year

File Description	Documents
Data Template	[View File](#)

2.Student

2.1   **3091**

Number of students during the year

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

2.2   **789**

Number of seats earmarked for reserved category as per GOI/ State
Govt. rule during the year

File Description	Documents
Data Template	[View File](#)

2.3   **1007**

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	[View File](#)

3.Academic

3.1   **133**

Number of full time teachers during the year

File Description	Documents
Data Template	[View File](#)

3.2   **133**

Number of sanctioned posts during the year

Extended Profile

1.Programme

1.1 Number of courses offered by the institution across all programs during the year	**696**

File Description	Documents
Data Template	[View File](#)

2.Student

2.1 Number of students during the year	**3091**

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	**789**

File Description	Documents
Data Template	[View File](#)

2.3 Number of outgoing/ final year students during the year	**1007**

File Description	Documents
Data Template	[View File](#)

3.Academic

3.1 Number of full time teachers during the year	**133**

File Description	Documents
Data Template	[View File](#)

3.2 Number of sanctioned posts during the year	133

File Description	Documents
Data Template	No File Uploaded

4.Institution

4.1 Total number of Classrooms and Seminar halls	102
4.2 Total expenditure excluding salary during the year (INR in lakhs)	394.84
4.3 Total number of computers on campus for academic purposes	395

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

Curriculum Delivery Planning & Documentation at College Level

Based on the strategic vision of the college and the curriculum feedback of various stakeholders the college revised its Curriculum Delivery Policy in 2019-20 to ensure that the students achieve the learning outcomes suggested by the UGC., In 2019-20, the college has organised many national and state level Curriculum Workshops for the newly introduced courses in the programmes offered by the university. The Academic Calendar of the college is prepared by the IQAC based on the University Academic Calendar, Department Academic Plans, Internal Examination Calendar, and Action Plans of various cells and student clubs. Then the academic calendar is placed before the college council for approval and changes are being made, if necessary. The college conducts Five-day Two-tier Induction Programme for both UG and PG students. The IQAC of the college has proper procedures to ensure that the curriculum delivery process includes teaching & learning support,

mentoring, collaborative learning, participative learning and student activities. The college started its curriculum delivery through Moodle platform in 2018 itself and now more teachers offer courses through Moodle, Google Classroom, Edmodo and other learning platforms.

Curriculum Delivery Planning & Documentation at Department Level

The Department Level Curriculum Induction is an important part of the two-tier induction programme of the college in which a separate session is allocated for outcome based education. The faculty members prepare outcome based course plans as per the directions of the IQAC and HoDs monitor and course completion at regular intervals.

File Description	Documents
Upload relevant supporting document	[View File](#)
Link for Additional information	https://nirmalacollege.ac.in/uploads/2021/02/Design-Calander-19-20-final-12-02-2021-web.pdf

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

An Academic Calendar is prepared by the IQAC based on inputs from the Mahatma Gandhi University Academic Calendar, Internal Examination Committee and Departmental Academic Plans at the beginning of the academic year. The preparation of academic calendar ensures that the students get adequate instructional hours and teachers get maximum hours to deliver their courses effectively. The academic calendar is prepared in such a way as to facilitate theconduct of examinations.

1. In the beginning of each semester, the principal convenes a meeting with Heads of Departments and faculty to discuss the matters with respect to the smooth and effective implementation of academic calendar.
2. The proposed schedule of internal examinations suggested by the Internal Examination Committee and ratified by the Staff Council.
3. A time line is suggested in the Academic Calendar to

complete the syllabus and the schedule of the internal examinations is kept accordingly.

4. Each department develops its academic calendar which aligns with the academic calendar of the college. It includes proposed dates for field trips, industrial visits, internships etc.

5. Teachers prepare course plans at the beginning of the semester itself and dates of examinations are included in the course plan.

6. Teachers Performance Record is an important document to be submitted to the principal by every faculty members in which an evaluation is done regarding the completion of syllabus and conduct of internal examinations.

7. Co-curricular and Extra Curricular Activities are included in the Academic Calendar in such a way that CIE process is not disrupted.

File Description	Documents
Upload relevant supporting document	[View File](#)
Link for Additional information	https://nirmalacollege.ac.in/uploads/2021/02/Design-Calander-19-20-final-12-02-2021-web.pdf

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University	B. Any 3 of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	[View File](#)
Any additional information	[View File](#)

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

38

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	View File
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

12

File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

436

File Description	Documents
Any additional information	View File
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

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

The institution integrates cross-cutting issues relevant to Gender, Environment, Sustainability, Human Values and Professional Ethics into the curriculum in four different ways.

1. As suggested by UGC, talks on these issues are included in the Curriculum Induction Programme of various departments.

2. The college gives top priority in delivering the courses related to these themes which have been prescribed by the University.

3. The college offers value added courses like Soft Skill Development, Pre-placement Training, Verbal and Logical Skills, etc.

4. Different functional cells of the college engage in various schemes and programmes related to these cross-cutting issues.

Professional Ethics

The college got selected for the prestigious 'Google Cloud Readiness Programme' of Google Academics and 28 students got selected the programme. The students were given special training to use plagiarism software.

Human Values

The students got selected to the UNESCO Committee in the International Model UN 24th Online conference and delivered talk on 'Propagating the Fundamental Rights to Information during Pandemic'. The college has come up with a Tribal Study Centre for around 50 students from tribal settlement in July 2020.

Gender Sensitivity

The college conducts gender audit to check the adherence of college activities with its gender policy. The college has prepared a Gender Sensitization Action Plan and done activities as per the plan.

Environment and Sustainability The college prepared a Swachhta Action Plan (SAP) as suggested by Mahatma Gandhi National Council of Rural Education, Government of India. In addition to this,

Nirmala Green Corps was introduced.

File Description	Documents
Any additional information	[View File](#)
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	[View File](#)

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

31

File Description	Documents
Any additional information	[View File](#)
Programme / Curriculum/ Syllabus of the courses	[View File](#)
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	[View File](#)
MoU's with relevant organizations for these courses, if any	[View File](#)
Institutional Data in Prescribed Format	[View File](#)

1.3.3 - Number of students undertaking project work/field work/ internships

1031

File Description	Documents
Any additional information	[View File](#)
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	[View File](#)

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the	**A. All of the above**

syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni

File Description	Documents
URL for stakeholder feedback report	https://nirmalacollege.ac.in/stakeholders-analysis-report-2020-01/
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	View File

1.4.2 - Feedback process of the Institution may be classified as follows

A. Feedback collected, analyzed and action taken and feedback available on website

File Description	Documents
Upload any additional information	View File
URL for feedback report	https://nirmalacollege.ac.in/action-taken-report-2020-21/

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

1271

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

693

File Description	Documents
Any additional information	[View File](#)
Number of seats filled against seats reserved (Data Template)	[View File](#)

2.2 - Catering to Student Diversity

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

Assessment of Learning Levels

Instead of applying multiple assessment methods, the college employed Online Post Admission Test to assess the learning levels. In addition to this, academic history of students recorded in the college ERP is also considered. The guidelines suggested by the IQAC were used to categorise learners into advanced learners and slow learners.

Strategies for Advanced Learners

MOOC Courses: uring this academic year, students have completed 3,309 MOOC courses offered by NPTEL and other international learning platforms. Further, 68 advanced learners completed an outreach programme on "RS Applications in Agricultural Water Management" offered by the Indian Institute of Remote Science.

Paper Presentations: During this academic year, 25 students participated and presented their research output in various national and international seminars and conferences.

Google Cloud Readiness Programme: The college got selected to the prestigious Google Cloud Readiness Programme and 28 students enrolled in the programme.

Strategies for Slow Learners

  • **During the pandemic period, mainly collaborative learning methods were followed to help the weak students.**
  • **Each department publishes the peer teaching schedule and topics well in advance. Peer Teaching Mentors monitor the effectiveness of the peer teaching sessions.**

- **The science departments created an online repository where the demonstration of lab experiments by the students are stored.**
- **Recorded videos were given to the slow learners.**
- **Focused offline interactions were also arranged.**
- **Faculty members prepare and distribute self-learning materials that suit the requirements of slow learners.**
- **Group assignments and projects are given to slow learners.**

File Description	Documents
Paste link for additional information	https://nirmalacollege.ac.in/video-lectures-nirmala-e-learning-center/
Upload any additional information	**No File Uploaded**

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

Number of Students	Number of Teachers
3091	**133**

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

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

With the adoption of Outcome Based Education (OBE), more student centric learning methods have been used by the faculty members in addition to the conventional lecture method. A brief account of those methods are given below.

1. Interactive sessions in language lab to improve the communication skills of students.

2. Theme based quizzes hosted by students.

3. Demonstration of lab experiments by the students

4. Newspapers and Educational Magazines published by the students

5. Short films related to curriculum made by students

6. Development of software by students

7. Virtual industrial tours and press visits

8. Case based teaching in social science departments.

9. Project based learning

10. Mini projects

11. Group projects

12. Linking of student club activities with the curriculum

13. Virtual lab sessions

14. Internships

15. Computer assisted learning

16. Software based learning

In addition to the above, students were actively involved in online group discussions, online debates, seminars, presentations, etc. Students also developed video sessions and uploaded in the LMS platform. Various departments organised 10 alumni lectures during the year to provide the students the real life work experience. In addition, 5 Eco-Taxon workshops were organised.

File Description	Documents
Upload any additional information	[View File]()
Link for additional information	https://nirmalacollege.ac.in/2.3.1/

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

The majority of the academic activities of the year went fully online as per the directions of the University Grants Commission, Government of Kerala and Mahatma Gandhi University. Anticipating the same, the IQAC of the college has organised training sessions on methods of online teaching, evaluation, assessment and conduct of examinations. During this academic year, students and faculty members completed 4,000 online courses offered by various MOOC

platforms.

Google Class Rooms and Moodle: The faculty of the college extensively use google class rooms and Moodle platform to deliver the course content in an effective way. The college has a customised Moodle account. It helps the faculty to assess the progress of the students on a real time basis.

Edmodo: Faculty also use an educational application Edmodo as part of the course delivery. The teachers can give assignments and share e-resources through this application.

Data Camp and Online Certifications: The department of Statistics has tie up with Data Camp, United States. Many students of the college have online certifications from renowned universities including Harvard, Stanford, etc.

Google Studio and Yahoo Finance: The faculty in the departments of Commerce and Economics use Google studio to get data related to exchange rates, stock market, etc.

Kahoot Quiz and Poll Everywhere: The faculty members use Kahoot and poll everywhere platforms for online quiz.

Software Based Learning: The faculty use softwares like SPSS, Chemdraw, Firefly, Mathematica, Minitab, etc.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

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

2.3.3.1 - Number of mentors

132

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	View File
Circulars pertaining to assigning mentors to mentees	View File
Mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality

2.4.1 - Number of full time teachers against sanctioned posts during the year

133

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	View File
List of the faculty members authenticated by the Head of HEI	View File

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

44

File Description	Documents
Any additional information	View File
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	View File

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

2.4.3.1 - Total experience of full-time teachers

1063.47

File Description	Documents
Any additional information	View File
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

Transparency

Internal Examination Peer Committee is entrusted with the tasks of collection, sorting and coding and security of question papers. The dates of internal exams are published in the college handbook and also communicated to the students through the website. During the pandemic year, attendance was not part of the CIE. An additional assignment component is added the CIE during the pandemic year. During the period, assessment methods have seen a drastic change from the regular pen and paper method to the online mode. The college used google forms, google classrooms and Moodle for the conduct of examinations. The students can also check their marks for assignment and seminar in student login. The students get their valued answer scripts within one week of the date of exam and teachers discuss model answers and enter the marks in the portal. A forms (showing different internal components of each subject) and B forms (consolidated internal marks of students) are generated and published on department notice boards.

Robustness

The college and IQAC give freedom to the departments to select appropriate methods of CIE to bring the variety in the methods of internal examination and evaluation which include Multiple choice question tests, Kahoot Quizzes, Seminars, online Assignments in Google Class Room and Moodle, Seminars and Book reviews. Absentees with genuine reasons get an opportunity to re-appear. For the year-end academic projects of the students, internal marks are given on the basis of punctuality, quality of data collected and timely submission of the project.

File Description	Documents
Any additional information	[View File]()
Link for additional information	https://nirmalacollege.ac.in/internal-evaluation/

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time- bound and efficient

The institution has a Three-tier Grievance Redressal Mechanism with two levels at the college and an upper level at the University. A student needs to approach the upper level only if grievance is not addressed at the lower level.

Level 1: Department Level

The department level Committe is chaired by the Head of the department, department coordinator and teacher in-charge as members. The teacher in charge of the course distributes the valued answer scripts during the class hours and the students can scrutinize their answer scripts in the presence of their teachers. The students can also address their grievances concerning CIE marks if any through Grievance Redreessal Application Form available on the college website. It is processed through the examiner, department coordinator and head of the department.

Level 2: College level

The grievances which are not resolved at level 1, are redressed by a college level committee with the Principal as Chairman, department Coordinator, HOD of concerned Department and a senior teacher nominated by the College council as members.

Level 3: University Level

A Committee constituted by the Vice-Chancellor as Chairman and Pro-Vice-Chancellor, Convener - Syndicate subcommittee on Students Discipline and Welfare, Chairman- Board of Examinations as members and the Controller of Examination as member-secretary. The Students' Grievances Portal deals with a variety of students' complaints and grievances coming up for redressal. In the portal, an online students' grievance redressal forum with tracking and follow up of the complaints is provided in compliance with the UGC's mandatory requirements.

File Description	Documents
Any additional information	**No File Uploaded**
Link for additional information	https://nirmalacollege.ac.in/online-grievances-form/

2.6 - Student Performance and Learning Outcomes

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

The Departmental Advisory Committee (DAC) of each department has prepared Programme Outcomes (POs) and Programme Specific Outcomes (PSOs) on the basis of learning objectives mentioned in the university syllabus and core values and mission of the institution. DAC also outlines the Course Outcomes (COs) in consultation with the concerned teachers who deal with a particular course. The IQAC has made POs, PSOs, and COs part of the course file. POs, PSOs and Cos are well displayed on the website. (Website Link is given). POs, PSOs and Cos are displayed on the Department Notice Boards. They are also displayed on laboratories of the college. Head of the Department and the concerned class tutor explain various programme outcomes to the students in the department curriculum induction meeting. Teachers who handle various courses explain course outcomes and relate such outcomes to POs and PSOs. Teachers also explain the pattern of questions in the internal question papers and its connection with the course outcomes. Each department has published a handbook for POs, PSOs and COs and the soft copy of the same are made available to the students through 'google classroom' and Moodle. A handbook of POs, PSOs and COs is available on the table of Head of the Department for ready reference. The COs are given on the study materials prepared by the faculty.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://nirmalacollege.ac.in/uploads/2019/12/Learning-Outcomes.pdf
Upload COs for all Programmes (exemplars from Glossary)	View File

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

Direct assessment tools (COs): Direct assessment tools are used to evaluate the attainment of course outcomes as discussed above. Course outcomes are measured directly based on the scores attained by the students on their internal and external evaluation on 20: 80 proportions.

Direct Attainment (POs & PSOs): Direct attainment of program outcomes and program specific outcomes are based on the logical mapping and attainment of cognitive levels of course outcomes with program outcomes and program specific outcomes.

Indirect Attainment (POs & PSOs): Indirect attainment of program outcomes and program specific outcomes are mainly based on Course Exit Survey, Alumni Survey and Employer survey.

All these surveys use a detailed questionnaire prepared to relate all program outcomes and programspecific outcomes for analysis.

Course Exit Survey is a feedback taken from students in which the overall program is analysed and corrective measures are proposed

In **Alumni Survey**, feedback is collected during Alumni meets and also by contacting the alumni via. email & phone. **Employer Survey** is done in the industry which offers employment to the students of our institute. The requirements and future expectations of the industry from our students are analysed and suitable actions are taken.

Overall Attainment (POs & PSOs): The final program outcomes and program specific outcomes attainment values are computed by adding direct and indirect program outcomes and program specific outcomes attainment values in the proportion of 80:20 respectively.

During the pandemic year, the measurement of indirect attainment hindered.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional information	http://nirmalacollege.ac.in/wp-content/uploads/2023/07/2.6.2-Attainment-of-Outcomes.pdf

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

855

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	https://nirmalacollege.ac.in/uploads/2021/08/ANNUAL-REPORT-2020-21.pdf

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)

http://nirmalacollege.ac.in/wp-content/uploads/2023/07/sss-2020-21.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

0

File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	No File Uploaded
List of endowments / projects with details of grants(Data Template)	No File Uploaded

3.1.2 - Number of teachers recognized as research guides (latest completed academic year)

3.1.2.1 - Number of teachers recognized as research guides

14

File Description	Documents
Any additional information	**No File Uploaded**
Institutional data in prescribed format	<u>View File</u>

3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.3.1 - Number of departments having Research projects funded by government and non-government agencies during the year

0

File Description	Documents
List of research projects and funding details (Data Template)	**No File Uploaded**
Any additional information	**No File Uploaded**
Supporting document from Funding Agency	**No File Uploaded**
Paste link to funding agency website	**Nil**

3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

The following are the key initiatives taken by the college for creation and transfer of knowledge.

MoE - Institution Innovation Council (IIC): The college has a MHRD recognised Institution Innovation Council (IIC) which functions as per the norms of the Government of India. The Institution Innovation Council of the college has been in the forefront in organizing programmes that instill entrepreneurial attitude among the student community. The cell has collaborated with Atal Incubation Centre, Jyothi Institute of Technology, Bangalore to organise a talk on Entrepreneurship Development and Leadership Skills. Idea Lab: The college has an Idea Lab which functions

under IIC and it acts as a Social Laboratory for the purpose of generation of ideas and Social Entrepreneurship.Two students namely Ajay V John and Hari Murali found place in India Book of Records this academic year. CamPulse: During this academic year, new modules like Student Grievance Redressal, Work Diary for Teachers and Blood Bank have been added. IPR Cell: The IPR Cell of the college has organized many awareness seminars on patents, copy right, research ethics, plagiarism, etc. During the academic year 2020-21,The IPR cell of the college organized a national level webinar on 'Intellectual Property Rights' on 12.09.2020. Special training sessions were given to the students with regard to the plagiarism policy of the college.

Two issues of the college journal 'Science and Society' got published during this academic year.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

11

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	View File

3.3 - Research Publications and Awards

3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

2.5

File Description	Documents
URL to the research page on HEI website	https://nirmalacollege.ac.in/research-centeres/
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	**No File Uploaded**

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year

21

File Description	Documents
Any additional information	**No File Uploaded**
List of research papers by title, author, department, name and year of publication (Data Template)	View File

3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

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

22

File Description	Documents
Any additional information	View File
List books and chapters edited volumes/ books published (Data Template)	View File

3.4 - Extension Activities

3.4.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

The NSS unit in the institution carried out impactful extension activities in the neighbouring community under the flagship

program Karuthal. Volunteers raised funds to procure digital gadgets for needy students, bridging the educational divide. Additionally, NSS distributed food packets and kits to underprivileged families, addressing food insecurity. Informative webinars on cancer and AIDS awareness were organized on international observance days, empowering the community with crucial information. A webinar on positivity in life provided strategies for stress management and resilience. During the monsoon season, NSS set up a help desk to coordinate rescue operations and provide assistance to flood-affected individuals. These activities showcased NSS's commitment to social welfare and community development, addressing education, hunger, health awareness, and support during disasters.

File Description	Documents
Paste link for additional information	http://nirmalacollege.ac.in/wp-content/uploads/2023/07/3.4.pdf
Upload any additional information	View File

3.4.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year

1

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year (Data Template)	View File
e-copy of the award letters	View File

3.4.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

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

16

File Description	Documents
Reports of the event organized	View File
Any additional information	**No File Uploaded**
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	View File

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

2040

File Description	Documents
Report of the event	View File
Any additional information	**No File Uploaded**
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration

3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

4

File Description	Documents
e-copies of related Document	View File
Any additional information	**No File Uploaded**
Details of Collaborative activities with institutions/industries for research, Faculty	View File

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year

8

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	View File
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

Classrooms Facilities

- **95 classrooms out of which 60 are ICT enabled, equipped with LCD/TV/Smartboards**
- **All classrooms have Wi-Fi/LAN facilities to make effective teaching-learning process**
- **Classrooms are well-ventilated, spacious and provided with green boards, adequate furniture and public address system.**
- **Twenty Seminar halls, video conferencing hall, digital theatre and an A/V recording studio.**
- **All departments have separate faculty rooms and the departments are provided with laptops, desktops, printers, and intercom.**
- **Examination halls are equipped with CCTV cameras.**

Laboratories Facilities

- **Ten laboratories for UG, PG and research (three chemistry Labs, one Physical Chemistry Lab, two Physics Labs, three Zoology Labs and one Biology Lab) with sophisticated equipment facilities.**

- Molecular studies Lab and Advanced Nano-science Lab in Botany and Physics Departments respectively
- The college houses major equipment like UV-Vis Spectrophotometer, Autoclave, Muffle Furnace, Incubator, Microwave Synthesizer, Ultrasonic Interferometer, Keithy source meter etc. Computing Facilities
- Total of 395 computers
- Four computer labs, one Language lab and one Commerce lab.
- Five servers for the smooth functioning of the office administration and library software

During this academic year, nine classrooms and two smart classrooms with 4K interactive board were added. The construction of new academic block under RUSA project is work in progress. The college also constructed new car parking facility for teachers.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.youtube.com/watch?v=fgwuoXv6Oy 8

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

Sports Facilities

- The college has a sports hostel (45 beds) sponsored by Kerala Sports Council
- Specialized coach for Football and Handball
- Spacious playground for athletics and Football
- Multipurpose synthetic stadium which has the facility for playing four games, namely Volleyball, Handball, Throw-ball and Tennis
- Standard Basketball court and a Shuttle Badminton court
- Cricket ground with matting and pitches for net practice
- Space for indoor games like Chess, Carroms, Table tennis and Taekwondo
- Sporting equipment, kits and sportswear for the team members
- Fitness center (Gymnasium) for staff and students

Facilities for Cultural Activities

- Four well-equipped auditoriums out of which one is fully air-

- conditioned
- An open-air auditorium beside the main block with a capacity of 3500
- Discussion room with an area of 70.54 sq. m
- An Audio Visual-Hall for developing artistic/ cultural talents and public speaking/ debating skills of students.
- Sound recording and video editing studio
- Campus Radio to foster cultural sensibility
- An air-conditioned Digital Theatre (98 seats) with modern facilities for screening films.
- The College also has a common recreation centre for the staff with an area of 70.54 sq. m where the staff members can entertain themselves.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.youtube.com/watch?v=xSZP4sN17sM

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

69

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.youtube.com/watch?v=2NGUUVB61ks
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	[View File](#)

4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

147.18

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template	View File

4.2 - Library as a Learning Resource

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

The library is fully automated with leading library management software solutions; LIBSOFT and KOHA which give a user-friendly interface for searching resources in the library, along with its positions and availability statuses. The library has Web – OPAC for providing remote access to its repertoire of textual resources. ILMS Software LIBSOFT Name of the ILMS software: LIBSOFT Nature of automation: Full Server Version: 4.2 Year of automation: 2004 Library link: https://nirmaladigital.libsoft.org Features of LIBSOFT Fully Flexible-Local variations possible Supports more than 10 lakh of Records Fully Integrated High Data Security Exhaustive Information Retrieval Tool Printouts in desired formats Various report generation Simple and Boolean search result Multi-user Facility Network Implementation Software Consistency Barcode Facility ISBN support for Book Accession Member Photo support ILMS Software KOHA Name of the ILMS Software: Koha Version 4 Nature of automation: Full Server Version: 4.19 Year of automation: 2019 Library link: 192.168.1.131 Features of Koha Koha is an open source Integrated Library System (ILS), used world-wide by public, school and special libraries. Koha at Nirmala is streamlined with dedicated cloud servers ensuring 24x7 access. Customizable search facility. Koha is built using library standards and protocols Multilingual and transferable. Koha's OPAC, circulation, management and self-checkout interfaces are all based on standards compliant World Wide Web technologies – XHTML, CSS and JavaScript – making Koha a platform with independent solutions

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional Information	https://nirmalacollege.ac.in/library-2/

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources | **A. Any 4 or more of the above**

File Description	Documents
Upload any additional information	[View File](#)
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	[View File](#)

4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)

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

3.68

File Description	Documents
Any additional information	**No File Uploaded**
Audited statements of accounts	[View File](#)
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	[View File](#)

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

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

324.5

File Description	Documents
Any additional information	View File
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

The college has the practice of updating its IT facilities on a regular basis. The college has two leased internet connections, broadband and fiber optical, apart from a dedicated fiber optical connection for the office. The college provides open Wi-Fi facilities for students and teachers. All the academic and administrative blocks are connected through Optical Fibre Cable (OFC).

The academic, administrative and admission process are integrated with IT to become the process more easy, efficient and transparent.

The full-bodied IT infrastructure of the college comprises 395 computers connected with Wi- Fi/LAN The College has five dedicated servers for the smooth functioning of library and computer science labs (MCA & BCA) The college library is automated with LIBSOFT and KOHA software with cloud server facility Library has the subscription of e-books and e-journals via INFLIBNET and DELNET Question papers, projects and theses are availed through digital repository in the college library. Digital library with 40 computers enhances the e-learning and online certificate programs. E-content development center with Lecture Capturing System

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://nirmalacollege.ac.in/it-infrastructure-facilities/

4.3.2 - Number of Computers

395

File Description	Documents
Upload any additional information	View File
List of Computers	View File

4.3.3 - Bandwidth of internet connection in the Institution	**A. ? 50MBPS**

File Description	Documents
Upload any additional Information	View File
Details of available bandwidth of internet connection in the Institution	**No File Uploaded**

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)

4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)

156.92

File Description	Documents
Upload any additional information	View File
Audited statements of accounts	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

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

The college has formulated a maintenance policy for IT infrastructure, classrooms, equipment and laboratories in 2015 and revised the same in 2017.Now the college is in the process of formulating a new maintenance policy in the context of NEP 2020. The college has its own system for the implementation of the policy. The system includes Building Committee, Planning Board, Purchase Committee, Campus Development Committee, Campus

Ecological Committee and Library Advisory Committee constantly monitors and evaluates the status of the college. Maintenance of Physical Facilities: The physical facilities including Auditorium, A/C Seminar Halls, Smart classrooms, Laboratories, Classrooms and Computers etc. are for the students admitted in the college. The physical facilities are maintained and monitored by Local Manager (Bursar) appointed by Corporate Educational Agency Kothamangalam.

Maintenance Classrooms and Laboratories: Classrooms with furniture, teaching aids and laboratories are maintained by the respective department staff and attendants and supervised by the respective Head of the Department. The laboratory assistants take care of their respective laboratories.

Maintenance of ICT facilities: The college uses TCS (Total Campus Solution) maintained by Meshilogic, Kinfra Techno Industrial Park Kerala. The annual maintenance includes the required software installation and upgradation. The ICT Smart Class Rooms and the related systems are maintained with AMC.

Maintenance of Sports and Games Facility: The sports equipment, Gymnasium, ground and various courts in the Campus are supervised and maintained by the Head of the Physical Education Department.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://nirmalacollege.ac.in/uploads/2020/01/MAINTAINING1.pdf

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

1226

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	View File
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

146

File Description	Documents
Upload any additional information	View File
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills	**A. All of the above**

File Description	Documents
Link to Institutional website	https://nirmalacollege.ac.in/capability-enhancement-program/
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

1006

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

1006

File Description	Documents
Any additional information	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees	A. All of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	View File
Details of student grievances including sexual harassment and ragging cases	View File

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

146

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File
Details of student placement during the year (Data Template)	View File

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

267

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	View File
Details of student progression to higher education	View File

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year

27

File Description	Documents
Upload supporting data for the same	View File
Any additional information	**No File Uploaded**
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	View File

5.3 - Student Participation and Activities

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

5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.

2

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File
Number of awards/medals for outstanding performance in sports/cultural activities at unive rsity/state/national/international level (During the year) (Data Template)	View File

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

During 2020-21, the college was mostly run in an online mode due to the pandemic with less presence of students on campus. However, leaders meetings were conducted on a regular basis. The college union members took proactive role in organising various cocurricular and extracurricular activities. Students participated in various committees through online mode. The college union

- Undertakes programmes that promotes corporate, social and cultural life of the students and train them in the duties and rights of citizenship;
- Coordinates activities of clubs and forums like invited talks, debates, competitions, exhibitions, food fest for the students;
- Organizes online arts festivals to promote and develop the artistic talents of students;
- Organizes celebrations of local and national days to develop a spirit of patriotism among the students.
- The Union publishes college magazine annually showcasing the literary talents of the students.

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	**No File Uploaded**

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

87

File Description	Documents
Report of the event	[View File]()
Upload any additional information	[View File]()
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	[View File]()

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

The Alumni Association of Nirmala College has been functioning for many years as a supportive organ of the college. The Alumni Association has received official registration under the Travancore- Cochin Cultural, Literary, Scientific and Charitable Societies Act 1955 (EKM/TC/512/2018) on 24th October 2018. The college has illustrious alumni who are spread over different parts of the globe and the Association is playing a pivotal role in keeping them all connected. During this academic year, the college organised 10 alumni lectures on various themes. Alumni lectures are part of the induction programmes of departments. The Alumni Association has instituted 11 scholarships and endowments to the meritorious students during the last five years. The scholarship is awarded to students during the Merit Day celebration of the college.

During 2020-21, alumni executive committee met three times through online mode to assess the preparations of the college for the NAAC visit. During NAAC visit, the peer team members interacted with prominent alumni members through Zoom meeting.

File Description	Documents
Paste link for additional information	http://www.nirmalaalumni.org
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs) — D. 1 Lakhs - 3Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

Managing Council is the apex body with regard to the matters in policy making. The Bishop is the highest authority in the organizational structure of the institution.The President of the governing body is the Manager who is assisted by the Corporate Educational Secretary. The Managing Council met two times (one online and offline meetings) during the year. The governance mechanism ensures that the activities of the college are allied with the vision and mission of the college.

Vision: Academic excellence with integrity of character Mission: Integral development of personality based on Christian ideals

The annual action plan which is prepared by the IQAC as per the strategic plan of the college is placed before Managing Council. The manager of the college ensures that proposed activities in the annual plan are directly or indirectly linked to the vision and mission of the college. Some of the initiatives and activities are given below.

- Considering the impact of Covid 19, the management has increased the seats of various programmes to accomadate more

students.

- The management appreciated the teachers and students for securing 24 UG top positions and 18 PG top positions in the University.
- Parents were given an orientation programme titled ' New Generation Parenting'.
- A mechanism was initiated to help the students to enrol in online courses.
- International academic collaborations were initiated.
- A new tribal study for around 50 students was set up in Kuttampuzha Panchayat.
- Nine new classrooms and two smart classrooms with 4K interactive board were added.

File Description	Documents
Paste link for additional information	https://nirmalacollege.ac.in/vision-and-mission/
Upload any additional information	View File

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

Functional autonomy is granted to all departments and units in the college. Thus, a participative culture is evolved in the institution. At each level and sphere of activity, the teachers and students cooperate with each other for the successful implementation of the prospective plans. This work culture generates goodwill among the entire college community and motivates all to work in unison to achieve the different objectives set by the authorities in consultation with the stakeholders.

Case Study: Library Renovation Project

The central library has initiated digitization of college magazines from June 2020 onwards based on the decisions of library advisory committee, IQAC and staff council. All resource materials that can be digitised are being converted from their hard copies to electronic copies to enhance access and improve preservation of library materials. All magazines from 1956 onwards were digitised and made available to members. Their copies were uploaded in the library blog also.

The central library set up a separate room for differently abled users near the library circulation counter, close to the entrance of the library. It has been equipped with adjustable tables and drinking water facilities, Kibo XS scanning & reading device,CDs/DVDs. KIBO XS a device for the visually challenged was purchased from Trestle Labs. Kibo XS can connect with any computer or any Android smartphone to read any printed or handwritten document in audio across 11 Indian- (English, Hindi, Marathi, Gujarati, Bengali, Punjabi, Tamil, Telugu, Kannada, Malayalam, Sanskrit) and multiple overseas languages.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The previous strategic plan 2014-18 of the college was mainly focusing technological innovation and effective e-governance.The current strategic plan 2019-22 was formulated in harmonious sync with its vision and mission and aim at enhancing the learning experience of the students. The strategic plan was formulated by the IQAC in consultation with the Managing Council of the college. The plan was presented before the college council and inputs from the council members were incorporated.

Case Study Based on Strategic Plan 2019-22

One of the most appreciated aspect that NAAC peer team appreciated during the fourth cycle visit was the academic diversity of the college. The college offers a good mix of programmes consisting of traditional programmes, new generation programmes and vocatioanal programmes. In the current perspective plan, it was planned to start a B.Voc programme in Data Science (page number 9). Though the college got B.Voc programme in Data Science based on its application under the National Skills Qualifications Framework, the college couldn't offer the programme during this academic year since the course has been sanctioned after the closure of the admission process. However, based management's vision, the college applied for an Integrated Postgraduate Programme in Data Science and it got sanctioned and approved by the Mahatma Gandhi University and Government of Kerala. The strategic plan documents

are available in the college website.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://nirmalacollege.ac.in/uploads/2020/02/Strategic-Plan-2019-22-final.pdf
Upload any additional information	View File

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

The college has a well defined organisational structure and hierarchy complying university statutes and other regulations. The Managing Council: The college has a well-functioning organisational structure managed and administered by the Corporate Educational Agency, Kothamangalam.The council is the apex body with regard to the matters in policy making. It also sets a framework for the implementation of the proposed plans. It approves the strategic plans that can be adopted in matters like infrastructural development, enhancement of quality in teaching-learning process, etc. Principal: The principal who is the executive head of the institution is entrusted with the responsibility of managing the day-to-day affairs of the college. He implements the directives of the managing body in accordance with the norms and guidelines stipulated by the government and other regulatory agencies. College Council: The council takes appropriate measures for the implementation of strategic plan. It also takes major decisions regarding the day-to-day administrative affairs of the college.

IQAC: The IQAC of the college acts a link between the management, students and teachers. It formulates quality poliices and establishes procedures.

Committees and Cells: The administration of the college is supported by a number of committees and cells like Planning Board, Purchase Committee, Building Committee, Campus Development Committee, Library Advisory Committee, Anti- Ragging Committee, ICC, SC/ST monitoring Cell, Grievance Redressal Cell, Ethics Committee, Internal Complaints Committee, Discipline Committee, Women Empowerment Cell, Minority Cell, OBC Cell, IPR Cell etc.

File Description	Documents
Paste link for additional information	**Nil**
Link to Organogram of the institution webpage	https://nirmalacollege.ac.in/governing-body/
Upload any additional information	**No File Uploaded**

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination	**A. All of the above**

File Description	Documents
ERP (Enterprise Resource Planning)Document	[View File](#)
Screen shots of user inter faces	[View File](#)
Any additional information	**No File Uploaded**
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	[View File](#)

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff

The following are the institution initiated welfare schemes put forward for the benefit of the employees.

- **Staff Co-operative society is functioning in the college for meeting the financial needs of the staff.**
- **Financial products and services are offered at an affordable rate of interest.**
- **Interest free loans are given to the staff on their request.**
- **Financial support is provided for the staff to meet medical expenses in times of emergency.**
- **Free Wi-Fi facility on campus and domain email addresses to all staff members.**
- **Institution provides free accommodation to staff in the College Guest house.**
- **Special Casual Leave is given to staff members during any**

- medical emergency like cancer and its treatment.
  - ATM facilities of SBI and SIB are available in the campus.
  - Kiosk and Canteen facilities are provided to staff at a subsidized rate.
  - Free uniform is supplied to supporting staff and security men.
  - Gymnasium is available for the staff to maintain their physical fitness.
  - Recreation Room is provided to staff for their recreation.
  - Separate Parking area is maintained for parking the staff vehicles.
  - Annual tour programme is arranged for the staff members.
  - Community lunch is arranged for the staff and their family.
  - Retirement party is arranged for the staff as a recognition of their committed service.
  - Discussion Rooms are used for serious deliberations.
  - Free medical checkup is available in the campus.

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	**No File Uploaded**

6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year

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

0

File Description	Documents
Upload any additional information	**No File Uploaded**
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	<u>View File</u>

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

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

3

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	**No File Uploaded**
Reports of Academic Staff College or similar centers	**No File Uploaded**
Upload any additional information	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

58

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	**No File Uploaded**
Upload any additional information	View File
Details of teachers attending professional development programmes during the year (Data Template)	View File

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

Teacher Performance Record (TPR): It is given to each teacher at the beginning of every academic year to record their everyday

business. All details pertaining to course plan completion, tests, assignments, projects, mentoring, tutoring, remedial classes, leave taken etc. are recorded. It is monitored by the head of the department and the principal. It is also evaluated by the management team during the annual academic audit. The format of TPR was revised during this academic year.

Student's Feedback on Teaching-Learning Process: IQAC monitors the feedback mechanism in the college. In each semester the students can evaluate their teachers online on the basis of their performance.

PBAS: All teachers have to submit the duly filled proforma of the Performance Based Appraisal System (PBAS) at the end of the academic year. The committee headed by the manager visits each department and evaluates the performance of the teachers in group and in person. They suggest corrective measures collectively and in person. Annual Objective Assessment Report: Heads of the departments prepare a confidential report in a prescribed format evaluating their academicperformance highlighting their strength and weakness.

PBAS for Non-teaching Staff: The Management evaluates the non-teaching staff every year through a performance appraisal system designed by IQAC.

Academic Review Committee: The Managing Council constitutes an Academic Review Committee every year to evaluate the performance of teachers. In this meeting the college manager meets every faculty personally.

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

Reliability and integrity of financial management is safeguarded through a strong Finance wing under Head Accountant and the college Bursar.

Internal Audit: Internal audit is conducted annually by the management team. The audit of management funds and government funds are done under the supervision of Superintendent of the college and the Bursar.

External Audit: The external audit is conducted regularly by Chartered Accountants, Deputy Director of Collegiate Education and Accountant General's office.

External Audits for UGC Funds: The college conducts external financial audit for all the grants received from UGC. The grants for Minor Research Projects, National Seminars, IQAC, General Development Assistance UG grants and General Development Assistance PG grants are verified by Chartered accountants and the utilisation certificates issued by them are submitted to UGC for verification and scrutiny.

The rectifcation process based audit findings is done in a quick manner. The remedial actions are initiated by the accounts department and an explanatory note is submitted to the principal and bursar.

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	<u>View File</u>

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

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

53.84

File Description	Documents
Annual statements of accounts	View File
Any additional information	View File
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

The college is deeply committed to mobilizing resources for better fulfilment of its Vision and Mission. An annual institutional budget is prepared and presented by the college bursar before the managing council.

The major sources of funds for the college are from the following avenues:

Central Government Funds UGC, NAAC, RUSA and ICSSR DST-FIST DBT-STAR fund UGC fund for B.Voc Major and Minor projects Scholarships

State Government Funds KSCSTE and KSHEC Grant-in-aid for salary State government fund for NSS State government funds for ASAP (Additional Skill Acquisition Programme), WWS (Walk with the Scholar Programme) and SSP (Student Support Programme) Scholarships

Non-Government Funds Endowment awards Funds raised by departments/associations Students fee from self-financing courses PTA funds Aid from philanthropists Contribution from teachers Contribution from alumni Financial assistance from management Fund from ALS IAS, New Delhi to Nirmala Civil Service Academy Rents from external bodies for conducting various competitive exams Rent fro SIB & SBI for using college premises for ATM.

The Management/ PTA/ Alumni funds and other contributions are used to meet the developmental needs and the maintenance of the institution. Financial Assistance by the Management include financing for the construction of buildings and other infrastructure developments, salary to self-financing staff, scholarships for needy students etc.

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	View File

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

One Week Online Two-tier Induction Programme for UG and PG Students (Deeksharambh): The college has organized one week induction programme for the first year UG students during 22-30 October 2020. The induction programme for PG students was conducted during 29.12.2020 -04.01.2021. Both the programmes included activities and interactions as suggested in the UGC guidelines for conducting induction programmes. Induction programmes consisted of both institutional orientation and department level curriculum induction sessions. The programme also featured the talks of Mr. Harish Kumar and Dr. Civy V Pulayathu on the topics 'Design Your Destiny' and 'New Generation Parenting' respectively. Interactions with prominnant alumni members have been included in department level induction programmes. The programme was initiated and coordinated by the IQAC of the college.

Curriculum Enrichment through MOOC courses: All the first year students have to enroll in at least one online course hosted by Coursera or Edx. Department level coordinators help the students to select the courses. During this academic year the college got a rating of 4.7 out of 5 from Coursera. Further 68 students completed an online outreach programme on 'RS Applications in Agricultural Water Management' offered by the Indian Institute of Remote Science (IIRS). The college created an online depository of free ICT tools that can be used for teaching and learning. The faculty and students completed 3824 online courses during the academic year 2020-21. Out of the 3824 courses, 3,309 courses were done by students.

File Description	Documents
Paste link for additional information	https://nirmalacollege.ac.in/iqac-minutes-and-atr/
Upload any additional information	**No File Uploaded**

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

IQAC Institutional Review Mechanism

- **IQAC conducts Annual Academic and Administrative Audit every year.**
- **IQAC and the management evaluate the performance of non-teaching staff.**
- **IQAC encourages Peer Evaluation of teachers.**
- **Green audit and Gender audit are regular practices in the campus.**
- **The institution takes feedback from students on Institutional Performance every year since 2018.**
- **The external Academic and Administrative Audit for the academic year 2020- 21 was carried out by a team consisting of Prof. (Dr) Gabriel Simon Thattil. Director of IQAC, University of Kerala, Dr. Sunny Kuriakose, Dean, Student Affairs and Dr. T M Joseph, Principal, Mount Carmel College, Karukadom on 8th -9th February 2021.**
- **The internal audit was done by a team consisting of Manager, Higher Education Secretary, Principal and IQAC Coordinator on 17-18 September 2020.**
- **IQAC ensures proper conduct of internal examinations and instituted a mechanism for transparent mechanism for evaluation and uploading of marks in the university portal.**
- **IQAC has a practice of comprehensive semester wise result analysis to pinpoint strengths and weaknesses of different departments.**
- **IQAC has devised a ten-point scale questionnaire to evaluate the performance of teachers by the students.**
- **IQAC devised a mechanism for 360o feedback on curriculum.**
- **Open House is yet another platform to review the teaching and learning process.**

File Description	Documents
Paste link for additional information	https://nirmalacollege.ac.in/iqac-minutes-and-atr/
Upload any additional information	**No File Uploaded**

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)	**B. Any 3 of the above**

File Description	Documents
Paste web link of Annual reports of Institution	https://nirmalacollege.ac.in/uploads/2021/08/ANNUAL-REPORT-2020-21.pdf
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

Awareness Programmes and Activties

At institutional level, Internal Complaints Committee and Gender Sensitisation Cell take active role in promoting gender equity based activities and organising various programmes. Gender sensitisation programmes were organised mainly through online mode during this academic year. The ICC regularly updates information in the UGC Saksham portal. Apart from Annual Awareness Programmes, these cells organised various seminars. Some of them are given

below.

"How to Reduce Stress during Online Classes'

"Prevention and Protection from Covid 19 through Nutrition and Lifestyle"

"Awareness Programme on Common Cancer among Women",

" Gender Bias and Stereotyping" etc.

In addition to the above, various departments included gender related activities and talks in the departmental induction programmes.

Online Counselling

The institution is a co-education institution with about 66% of the staff and over 60% of the students being female. The college is committed to provide safe and secure academic environment to the students. The college has a zero tolerance policy on issues concerning gender, ragging, sexual harassment etc.The service of aprofessionally qualified counsellor is available in the centre. The counselling services enable the students to iron out their personal stresses and strains.

Specific Facilities Available

Fully Protected Campus

CCTV Surveillance

More than 10 Common Rooms

Special Toilets

Fitness Rooms

Sick Rooms

File Description	Documents
Annual gender sensitization action plan	http://nirmalacollege.ac.in/wp-content/uploads/2022/12/Gender-sensitisation-annual-plan20-21.docx
Specific facilities provided for women in terms of:a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	http://nirmalacollege.ac.in/wp-content/uploads/2022/11/7.1.1.docx

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment	A. 4 or All of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

Separate colour coded bins for different types of wastes are placed throughout the campus at important vantage points for proper collection and seggregation of wastes. Dedicated vermicompost units are established in the campus for disposal of biodegradable wastes generated through garden trimming and vegetable wastes from the canteen and hostel mess. The food remains/waste is being supplied to the poultry and pig farm. The organic waste thus generated is used in the biogas plant. As per the green protocol the college optimizes the usage of paper by using technology for information sharing and documentation. The use of single use plastic is strictly banned within the campus. Plastic bottles are collected by the students and recycled by using as planters in our garden or recycled using plastic shredding unit which is later used for paving the roads with in the campus.

Solvents are recycled using Rotovapour and reused in laboratories. Solvent mixtures are disposed scientifically with help of a govt. approved agency. Liquid waste from the biology labs are treated with bleach and decontaminated prior to discharge. Coolant water released from the distillation units are used in garden and for washing and cleaning purpose. A minimal e-waste generation is ensured by optimal and periodic maintenance of computers and other electronic peripherals. E wastes are managed separately by qualified staff due to heavy metal poisoning . The college is also working in close collaboration with Northamps ENV solution for waste management and disposal.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	[View File](#)
Geo tagged photographs of the facilities	[View File](#)

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	[View File](#)
Any other relevant information	[View File](#)

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

1. Restricted entry of automobiles
2. Use of bicycles/ Battery-powered vehicles
3. Pedestrian-friendly pathways
4. Ban on use of plastic
5. Landscaping

A. Any 4 or All of the above

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File

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

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities	**A. Any 4 or all of the above**

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	View File
Any other relevant information	View File

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading	**A. Any 4 or all of the above**

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	View File
Any other relevant information	View File

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

Nirmala College, Muvattupuzha always provides an inclusive environment for all types of diversities and ensures accessibility in terms of resources, infrastructure, curriculum delivery, teaching learning resources and assessment. Some of the initiatives with regard to this in the academic year 2020-21 are given below.

1. The theme of cultural programmes during the NAAC peer Team Visit was ' Ek Bharat Shresht Bharat'. The various programmes in the event showcased the cultural, regional, linguistic and communal harmony existing in the college.

2. The library subscribed Braille magazine - White Print, India's first English Lifestyle in Braille.

3. Kibo XS scanning and reading device was purchased and with the help of it students can listen to 11 Indian languages (English, Marathi, Hindi, Gujarati, Bengali, Punjabi, Tamil, Telugu, Kannada, Malayalam, and Sanskrit) and multiple overseas languages.

4. The lectures and seminars conducted with regard to inclusive practices are given below.

a. The webinar on Perspectives on Human Rights: Challenges and Relevance held on 17.09.2020.

b. Discussion on 'Virus to Viral: Media and Infodemic' held on 17.08.2020.

c. Webinar on ' Malayala Samskaram ' held on 06.11.2020.

d. The college has established a study centre at a tribal settlement in Kuttampuzha Panchayat.

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

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

Nirmala College sensitises its employees and students to the constitutional obligations in multiple ways. Apart from giving awareness with regard to the same through institution wide campaigns and borads, the various clubs & cells organise prgrammes to make the students responsible citizens.

1. Ms. Jwala Treasa Jais, BA Communicative English student spoke on ' Propagating the Fundamental Rights to Information During Pandemic' in the 24th UN Online conference on 26.09.20020.

2. Clean India Campaign was oraginsed in the month of January 2021.

3. Competitions were organised as part of the Human Rights Day Celebrations

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	*http://nirmalacollege.ac.in/wp-content/uploads/2022/11/7.1.9.docx*
Any other relevant information	*http://nirmalacollege.ac.in/wp-content/uploads/2022/11/7.1.9.docx*

7.1.10 - The Institution has a prescribed code of conduct for students, teachers,	**A. All of the above**

administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View File
Any other relevant information	View File

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

The college has organised events, lectures and programmes with regard to important commemorative days through online mode this year. The important among them are given below.

a. Independence Day

b. Farmers Day

c. National Cancer Awareness Day

4. World Environment Day

5. Republic Day

6. Onal Celebratiion

7. Christmas Celebration

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	View File
Any other relevant information	View File

7.2 - Best Practices

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

Best Practice I: Student Learning Andragogy

Aims and Objectives

- **. To motivate the faculty to adopt learner centric approaches. b. To bring ICT based teaching, learning and evaluation tools for integrated learning. c. To include more experiential, collaborative, participative and problem solving learning strategies in the curriculum transaction. d. To promote blended learning among student community**
- **Best Practice II: Nirmala Social Connect**
-
- **Aims and Objectives**
- **a. To bridge the gap between theory and practice through continuous community engagement. b. To deepen the interactions between the college and local communities to identify the real life problems. c. To catalyse new initiatives of community engagement to help the local community. d. To gain understanding of social realities and find out solutions. e. To appreciate local knowledge and wisdom. f. To help the needy people during natural disasters**

File Description	Documents
Best practices in the Institutional website	https://nirmalacollege.ac.in/uploads/2023/07/Best-Practices-2020-21-Nirmala-Social-Connect.pdf
Any other relevant information	https://nirmalacollege.ac.in/uploads/2023/07/Best-Practices-2020-21-Nirmala-Social-Connect.pdf

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

Student Autonomy through Blended Learning

Majority of the academic activities of the pandemic year went fully online as per the directions of the University Grants Commission (UGC), Government of Kerala and Mahatma Gandhi University. Anticipating the same, the IQAC of the college organized Faculty Development Programmes and training sessions for teachers and students in the methods of online teaching, evaluation, assessment and conduct of examinations. Special programmes were also conducted to make the classes interesting, effective and more interactive. These kind of preparations really improved the quality of curriculum delivery and teaching-learning process during this academic year.

Now all the first year students have to enroll in at least one online course hosted by Coursera or Edx. Department level coordinators help the students to select the courses. During this academic year the college got a rating of 4.7 out of 5 from Coursera. Further 68 students completed an online outreach programme on 'RS Applications in Agricultural Water Management' offered by the Indian Institute of Remote Science (IIRS). IQAC created an online depository of free ICT tools that can be used for teaching and learning. The faculty and students completed 3824 online courses during the academic year 2020-21. Out of the 3824 courses, 3,309 courses were done by students. The college got selected for the prestigious 'Google Cloud Readiness Programme' of Google Academics and 28 students got selected to the programme.

https://nirmalacollege.ac.in/mooc/

File Description	Documents
Appropriate web in the Institutional website	View File
Any other relevant information	**No File Uploaded**

7.3.2 - Plan of action for the next academic year

1. Faculty empowerment as per NEP requirement

2. Infrastructure augmentation focusing on digital infrastructure

3. Collaborations with nationally important institutions

4. Submission of application for autonomy status

5. Strengthen Two Tier SIP - Deeksharambh

6. More student chapters of professional organisations