

# YEARLY STATUS REPORT - 2021-2022

### Part A

### **Data of the Institution**

1. Name of the Institution Maharani Lakshmi Ammanni College

for Women

• Name of the Head of the institution Dr. Nagalaxmi B.N.

• Designation Principal In-charge

Does the institution function from its own

Yes

campus?

• Phone No. of the Principal 080-23349311

• Alternate phone No.

• Mobile No. (Principal) 9632481594

• Registered e-mail ID (Principal) mlacw@mlacw.org

• Address 18th Cross, Malleshwaram

• City/Town Bengaluru

• State/UT Karnataka

• Pin Code 560012

2.Institutional status

• Autonomous Status (Provide the date of 19/04/2016

conferment of Autonomy)

• Type of Institution Women

• Location Urban

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• Financial Status

Grants-in aid

• Name of the IQAC Co-ordinator/Director Aruna H. K.

• Phone No. 080-23360816

• Mobile No: 9448000983

• IQAC e-mail ID iqac@mlacw.org

3. Website address (Web link of the AQAR (Previous Academic Year)

https://downloads.mlacw.edu.in/fi ler public/20/e0/20e04c9c-2144-44 38-adb2-d1176c37a5f8/agar report 2020-21.pdf

**4.**Was the Academic Calendar prepared for that year?

Yes

• if yes, whether it is uploaded in the Institutional website Web link:

https://downloads.mlacw.edu.in/fi ler\_public/b0/89/b0893be1-682d-45 57-a9e6-6fac054ec3d1/2021-22.pdf

#### **5.**Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 4	A	3.17	2022	27/12/2022	31/12/2029
Cycle 3	A	3.25	2016	16/09/2016	31/12/2021
Cycle 2	A	3.09	2010	04/09/2010	03/09/2015
Cycle 1	B++	85	2004	04/11/2004	30/11/2009

### 6.Date of Establishment of IQAC

26/02/2005

7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?

Institution/ Depart ment/Faculty/Sch ool	Scheme	Funding Agency	Year of Award with Duration	Amount
Institution	Autonomous	UGC	24/04/2016	20,00,000/ye ar (Yet to receive)
Sciences	DST-FIST PG Level O	DST	10/01/2019	13,20,000 for 2020-21
Biotechnolog y and Biochemistry	BiSEP	DEPARTMENT OF IT, BT AND S&T, GOVERNMENT OF KARNATAKA (KITS)	03/01/2017	10,00,000/ye ar (yet to receive)
Biotechnolog Y	Bioinformati cs Infrastru cture Facility	Department of Biotechnolog Y	16/03/2017	560000 (Yet to receive)

# 8. Provide details regarding the composition of the IQAC:

• Upload the latest notification regarding the composition of the IQAC by the HEI

View File

### 9.No. of IQAC meetings held during the year 8

- Were the minutes of IQAC meeting(s) and Yes compliance to the decisions taken uploaded on the institutional website?
- If No, please upload the minutes of the meeting(s) and Action Taken Report

No File Uploaded

# 10.Did IQAC receive funding from any No funding agency to support its activities during the year?

• If yes, mention the amount

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

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IQAC contribution for 2021-22 are • Initiated documentation process for NAAC SSR • Introduced 4 open elective courses for all the students of II and III year. • Implementation of NEP -2020. • Conducted Green Audit of the Campus with a group of internal and external members. • Renovated washrooms and Botany lab.

# 12.Plan of action chalked out by IQAC at 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
Formed sub-committees for the NAAC SSR documentation.	Complete documentation was achieved and submitted AQAR on 30th Dec. 2021.
Proposed FDP on Leadership	Two days FDP on Leadership was organized by an External agency called Break through on 9th and 10th November 2021.
Promotion of quality research	The number of research publication in UGC care journal. Scopus indexed journal and Web of Science have increased. Book and Book article were published with ISBN number.
Academic and Administrative Audit	AAA was conducted on 15th and 16th of Dec 2021 by Dr. Syed Wajeed and Dr. Sajjid. Based on the report provided the documentation process was enriched. A copy of the report was submitted to all the departments to work on the gaps suggested
Introduction of open elective courses for non-NEP students	The syllabi of the four open elective courses got approved in the academic council meeting held on 29th Oct 2021. The courses were provided to the second and third year of non NEP students of all streams. The classes were held in hybrid mode and on successful completion of the syllabus exams were conducted.

# 13. Was the AQAR placed before the statutory Yes body?

• Name of the statutory body

Name of the statutory body	Date of meeting(s)	
Trust meeting	31/03/2023	

# 14. Was the institutional data submitted to AISHE?

Yes

• Year

Part A				
Data of the Institution				
1.Name of the Institution	Maharani Lakshmi Ammanni College for Women			
Name of the Head of the institution	Dr. Nagalaxmi B.N.			
Designation	Principal In-charge			
Does the institution function from its own campus?	Yes			
Phone No. of the Principal	080-23349311			
Alternate phone No.				
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Registered e-mail ID (Principal)	mlacw@mlacw.org			
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State/UT	Karnataka			
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Biotechnolo gy	Bioinformat i cs Infrastru cture Facility	Department of Biotechnolo g y	16/03/2017	560000 (Yet to receive)

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13.Was the AQAR placed before the statutory body?	Yes
Name of the statutory body	1

. .

Name of the statutory body	Date of meeting(s)
Trust meeting	31/03/2023
14. Was the institutional data submitted to AISHE?	Yes

Year

Year	Date of Submission
2021-2022	12/01/2023

#### 15. Multidisciplinary / interdisciplinary

As per NEP 2020 guidelines, a holistic and multi-disciplinary education would aim to develop students' capacities in all aspects - intellectual, aesthetic, social, physical, emotional and moral in an integrated manner. The critical 21st century Multi/interdisciplinary capabilities in fields across the arts, humanities, languages, sciences, social sciences and professional, technical and vocational fields; an ethic of social engagement; soft skills, such as communication, discussion and debate; and rigorous specialisation in a chosen field will be acquired through NEP based curriculum.

Maharani Lakshmi Ammanni College for Women, Autonomous offers multidisciplinary programs in Arts, Science, Commerce, Management and Computer Science at the UG and PG levels enabling the college to well adapt to implementation of NEP.

To begin with a NEP committee was constituted under the chairmanship of Principal and a senior teaching faculty as coordinator. The committee, with the members and co-ordinators, along with Principal attended a series of brain storming sessions with the Vice Chancellor of Bengaluru City University on the modes and modules of NEP for autonomous colleges.

The mLAC NEP committee created a platform for institution wide awareness on the guidelines of NEP 2020 and its implementation by conducting seminars and workshops as follows:

• Online interactive workshop on "NEP 2020 - Implementation

and Framework" with 101 faculty interacting with Dr. B. Thimme Gowda, Vice Chairman of Karnataka State Council Higher Education, Prof. Prasanna Udipikar, Vice Principal, VVN degree college, V.V Puram, Bengaluru, and Dr. M Anuradha, Principal, Padmashree Institute of Management Sciences.

- Webinar on "NEP 2020- Step Towards Implementation at mLAC" by Prof. K. Ramachandran, Senior Advisor, Unit for International Cooperation (NIEPA) and Dr. Gururaj Karjagi, Chairman, Academy for Creative Teaching. The teaching faculty were enlightened on the implementation of NEP.
- Orientation towards NEP 2020 Awareness and Implementation at mLAC by Dr. P. G. Siddheshwar, Professor, Centre for Mathematical Needs, Dept. of Mathematics, Christ university.

The cumulative outcomes for the teaching faculty on implementation of NEP were:

- Understanding the spirit of the model curriculum of NEP.
- Awareness on the need to identify and innovate best practice for implementation.
- Need to reach out to the stakeholders.
- Understanding the need for initiatives of several bodies in a synchronized manner, coherence in planning and realising the benefit of the synergy effect.
- Understanding the model curriculum in the context of each of the programs offered.
- Complete knowledge on the II A model adopted by the BCU (among the different models of curriculum suggested by expert committees)
- The model curriculum of the NEP ( <a href="https://www.bcu.ac.in/new-ug-syllabus-as-per-nep-2020-effective-from-2021-22/">https://www.bcu.ac.in/new-ug-syllabus-as-per-nep-2020-effective-from-2021-22/</a>) and subjects were shared and open for discussion at the department level.

The preparedness of the teaching faculty in framing NEP based curriculum is evident in the fact that, mLAC was the only college among the autonomous colleges to draft a model NEP curriculum framework

https://downloads.mlacw.edu.in/filer public/54/a4/54a4a18d-0d1e-4 be2-98f3-elbala818cb1/nep mlac proposal july 2nd 2021.pdf)

https://downloads.mlacw.edu.in/filer\_public/65/8e/658edfe7-d0fd-4 5a4-8a20-1f476930d04f/pg\_nep\_mlac.pdf) for UG and PG programs and

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submit to BCU on the request of Vice Chancellor.

# 16.Academic bank of credits (ABC):

mLAC follows choice-based credit system (CBCS) for its courses implemented under NEP and the same has been approved by the academic council. The college shall register under National Academic Bank of Credit portal (ABC Portal) that is integrated into the nad.digitallocker.gov.in platform in future or as instructed by the affiliating parent university.

The college qualifies for registration under the ABC scheme on account of the following:

- Awarded CPE status and Autonomous status by the UGC
- Multidisciplinary and interdisciplinary programs offered
- Courses offered in cutting-edge areas such as Biotechnology, Biochemistry, Bio-informatics, Cloud computing, Machine Learning, Journalism, International Business, International Taxation & Technology
- Recognition for Life sciences with Star status and accomplishments in research and publications
- Competence in curriculum design and development towards attainment of specific learning outcomes

On implementation of NEP in the academic year 2021-22, mLAC has registered under the UUCMS which will facilitate students to get the benefit of ABC. Karnataka is the first state in the nation to create Unified University & College Management System (UUCMS) a flagship project envisioned by the Department of Higher Education, Government of Karnataka. The UUCMS unifies and integrates the functioning and the governance of all colleges and public universities in the state bringing all of them under one umbrella. Ensuring uniformity and unifying the General and Technical Higher Education institutions (HEIs) will centralize the data availability on higher education from the grass-root level. This UUCMS application will help students, parents, faculty, employees and administrators of HEIs in the state. (Source: BCU website).

#### 17.Skill development:

NEP 2020 aims to overcome the social status hierarchy associated with vocational education and requires integration of vocational education programs into main stream education. The policy states that HEIs will be allowed to conduct short term certificate courses in various skills, including soft skills.

The preparedness of the college in enabling skill development is reflected in the following:

- The college offers B.Voc. in Medical Lab Technology aligned to NSQF
- Skill development and PG diploma programs offered across all streams, the benefit of which can be obtained by students of the college and of other colleges under open elective / skill enhancement module of NEP.
- The college offers many add-on programs which enable handson skill development of the students.
- State-of-the-art ICT facilities and Lab infrastructure basic and high-end instruments, research centre, business lab, UGC resource centre at mLAC can be the facilities that can augment the NEP motive of skill-based education
- Collaborations and linkages with industry, internship programmes are well executed

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

The rich heritage of ancient and eternal Indian knowledge and thought has been a guiding light for NEP 2020. Indian culture and philosophy have had a strong influence on the world. These rich legacies to world heritage must not only be nurtured and preserved for posterity but also researched, enhanced and put to new uses through our education system.

mLAC preparedness in integration of Indian Knowledge System is evident in the following:

- Indian languages offered as part of curriculum Kannada,
   Hindi, Sanskrit.
- Kannada department of the college offers UG, PG and doctoral programs.
- Kannada being offered in the UG program as optional Kannada.
- Open electives titled 'Indian Culture and Heritage', 'Professional Ethics', 'Value Education', Gender Studies' introduced for students at the UG level in the online mode.
- Increased access, equity and inclusion through online education / open distance learning of open electives.
- Celebration of national and state festivals in the campus in appreciation of the fact that the college has students from various states, cultures and diversities.

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

NEP 2020 framework provides for a comprehensive approach to effective learning that involves appropriate curriculum, engaging pedagogy, continuous formative assessment and adequate student support. It highlights the need for the curriculum to be interesting and relevant, and for it to be updated regularly to align with latest knowledge requirements and to meet specified learning outcomes.

The IQAC of mLAC has taken a step forward in orienting teaching faculty on framing POs. PSOs and COs and in understanding their relevance to Outcome Based Education (OBE) towards ensuring quality, through Faculty Development Programs. The college is poised to offer OBE comprehensively in tune with the NEP guidelines as stated below:

- Learning outcomes clearly defined for every course and program
- The outcomes uploaded on the college website and communicated to students and teachers
- Teaching pedagogy to be adopted towards attaining learning outcomes outlined in the teaching plan prepared by each teaching faculty.
- Assessment methods designed to test application of knowledge and skills
- Structured feedback on outcome attainment of POs, PSOs and COs

#### **20.Distance education/online education:**

In order to ensure access, equity and quality education for all, NEP 2020 guidelines emphasize the need to integrate online education into the curriculum. mLAC is well equipped to offer distance education / online education across streams due to the following strengths:

- Teaching faculty have been rigorously trained to implement different online tools to make teaching effective during the pandemic.
- Teaching faculty are well versed with MOODLE and other ICT tools
- College is equipped to conduct online courses through live streaming or by providing access to its e content on the website
- College library is automated enabling distant access to the study materials and reference materials for its students and faculty.

- ICT infrastructure smart classrooms, Wi-Fi facility, LMS
- Students are directed to enrol for Massive Open Online Courses (MOOC)
- Readiness of teaching faculty to offer Massive Open Online Courses (MOOC) in their area of core competence

Extended Profile		
1.Programme		
1.1		21
Number of programmes offered during the year:		
File Description	Documents	
Institutional Data in Prescribed Format		<u>View File</u>
2.Student		
2.1		2306
Total number of students during the year:		
File Description	Documents	
Institutional data in Prescribed format		<u>View File</u>
2.2		646
Number of outgoing / final year students during the	ne year:	
File Description	File Description Documents	
Institutional Data in Prescribed Format		<u>View File</u>
2.3		2170
Number of students who appeared for the examinations conducted by the institution during the year:		
File Description	Documents	
Institutional Data in Prescribed Format		<u>View File</u>
3.Academic		
3.1		576
Number of courses in all programmes during the year:		

File Description	Documents
Institutional Data in Prescribed Format	<u>View File</u>
3.2	123
Number of full-time teachers during the year:	
File Description	Documents
Institutional Data in Prescribed Format	<u>View File</u>
3.3	123
Number of sanctioned posts for the year:	
4.Institution	•
4.1	717
Number of seats earmarked for reserved categorie GOI/State Government during the year:	es as per
4.2	34
Total number of Classrooms and Seminar halls	
4.3	659
Total number of computers on campus for academic purposes	
4.4	546.85
Total expenditure, excluding salary, during the ye Lakhs):	ear (INR in
Par	rt B
CURRICULAR ASPECTS	
1.1 - Curriculum Design and Development	
1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme	

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

Each program's and course's syllabus has been designed to achieve explicitly stated POs, PSOs, and COs. These anticipated learning outcomes were developed to make sure that the college's academic

programme improves chances for entrepreneurship, employability, and research while addressing local, regional, national, and international developmental needs. Example of expected results in relation to local and regional developmental requirements

• Exhibit abilities relevant to jobs in academia, government service, and non-profit organisations. • Interpret and analyse sociocultural problems, then report on them in Kannada, the local tongue. • Create and create herbal remedies for a range of socially prevalent diseases, disorders, and health issues. • Launch business ventures that generate employment possibilities.

Example of expected results in relation to national and global developmental requirements • Examine how vegetation, animals, and microbes interact in order to conserve the biosphere. • Recognize the significance of applied zoology in a variety of disciplines, including rDNA technology, medicine, sericulture, apiculture, aquaculture, vermiculture, and industrial zoology & microbiology. • Show ethnic sensitivity as you strive to become a global citizen. • Meet the challenges of the global business climate as ethical leaders and holistically developed global managers by exhibiting attitudes and abilities that will help the country.

File Description	Documents
Upload additional information, if any	<u>View File</u>
Link for additional information	Nil

### 1.1.2 - Number of Programmes where syllabus revision was carried out during the year

17

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	<u>View File</u>
Details of syllabus revision during the year	<u>View File</u>
Any additional information	No File Uploaded

# 1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

325

File Description	Documents
Curriculum / Syllabus of such courses	<u>View File</u>
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	<u>View File</u>
MoUs with relevant organizations for these courses, if any	<u>View File</u>
Any additional information	No File Uploaded

### 1.2 - Academic Flexibility

### 1.2.1 - Number of new courses introduced across all programmes offered during the year

5

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	<u>View File</u>
Any additional information	No File Uploaded
Institutional data in prescribed format (Data Template)	<u>View File</u>

# 1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

18

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	No File Uploaded
Any additional information	<u>View File</u>
List of Add on /Certificate programs (Data Template)	<u>View File</u>

#### 1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

The following is how the college's different programmes

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incorporate the cross-cutting issues into the curriculum: 1. Professional ethics: Business ethics and corporate governance are topics covered in the programmes provided by the Commerce and Management streams. Programs in the science stream teach students about ethical standards in scientific study and lab procedures. The Humanities stream offers programmes that address topics like ethics in mass media, journalism, counselling, and advertising. 2. Gender: "Women Entrepreneurship" is covered in the commerce and management courses. Courses with a focus on women's rights, women's empowerment, women in journalism, and women and psychology are part of the Humanities stream's programme.

3. Human Values: The college provides the languages Kannada, Hindi, and Sanskrit, which through drama and poetry highlight significant facets of human values. Each and every college-enrolled student takes part in the workshop on moral education. All pupils are given the option of taking either a foundational course or an elective course on human rights (under the Indian Constitution) and personality development. 4. Environmental Studies: The college provides a foundational course in this subject. Courses on water technology, the chemistry of natural products, renewable and non-renewable resources, and other topics are covered in the science programme.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	<u>View File</u>
Any additional information	No File Uploaded

# 1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

15

File Description	Documents
List of value-added courses	<u>View File</u>
Brochure or any other document relating to value-added courses	<u>View File</u>
Any additional information	<u>View File</u>

### 1.3.3 - Number of students enrolled in the courses under 1.3.2 above

#### 1878

File Description	Documents
List of students enrolled	<u>View File</u>
Any additional information	<u>View File</u>

### 1.3.4 - Number of students undertaking field work/projects/ internships / student projects

#### 599

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	<u>View File</u>
Any additional information	No File Uploaded

### 1.4 - Feedback System

# 1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni

A. All 4 of the above

File Description	Documents
Provide the URL for stakeholders' feedback report	https://downloads.mlacw.edu.in/filer_publi c/a8/97/a89789b8-07d8-49e5-a2a9-b507ee3331 3d/additional.pdf
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	<u>View File</u>
Any additional information	No File Uploaded

# **1.4.2** - The feedback system of the Institution comprises the following

A. Feedback collected, analysed and action taken made available on the website

File Description	Documents
Provide URL for stakeholders' feedback report	https://downloads.mlacw.edu.in/filer_publi c/a8/97/a89789b8-07d8-49e5-a2a9-b507ee3331 3d/additional.pdf
Any additional information	No File Uploaded

#### TEACHING-LEARNING AND EVALUATION

#### 2.1 - Student Enrollment and Profile

#### 2.1.1 - Enrolment of Students

### 2.1.1.1 - Number of students admitted (year-wise) during the year

797

File Description	Documents
Any additional information	<u>View File</u>
Institutional data in prescribed format	<u>View File</u>

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

717

File Description	Documents
Any additional information	No File Uploaded
Number of seats filled against seats reserved (Data Template)	<u>View File</u>

### 2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

The college encourages all students with varied learning activities and ensures that students are not labelled as particular type of learners.

The learning levels of the students are determined on the basis of their performance in the tests and examination. Those securing less than 40% marks and displaying less than average learning ability in the classroom are considered slow learners. The

students securing over 80% marks, and displaying extraordinary competence in classroom interactions and activities are considered advanced learners.

Special programs for advanced learners:

- Paper presentations in seminars/ conferences
- Support to prepare for competitive exams.
- Peer mentors to enable slow learners
- Use of teaching methodology where high order thinking skills are developed

#### Impact:

- Students enrolling in reputable research institutes or HEIs for higher education.
- Awards at different events.
- Placements with better than average CTC.

Special programs for slow learners:

- Mentoring of students and counselling of parents
- Remedial classes
- Peer assisted learning
- Encouragement for participation in intra-class activities

#### Impact:

- Improvement in academic performance
- Increased participation in classroom interactions with confidence
- Increased ability to communicate during placement

The institution develops programmes to improve the capabilities of students with a range of abilities using a subtle but effective strategy.

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for additional information	https://downloads.mlacw.edu.in/filer_publi c/d3/de/d3de1bb6-442a-439c-9c1f-64aae750c2 f0/compendium_of_policies.pdf

### 2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
21/09/2021	2306	123

File Description	Documents
Upload any additional information	<u>View File</u>

#### 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:

Adopt various pedagogies in accordance with the needs of the programme and course in order to improve learner experiences in various areas. Due to the pandemic, online teaching and learning was introduced in the past two years, which greatly increased the opportunities for student engagement. Applied experiential learning techniques:

#### Sciences:

- laboratory practical workshops
- model-making; poster and paper presentations
- student research projects
- self-study reports

#### Humanities:

- Practicals (Journalism and Psychology)
- Business Lab
- Documentary Filming and Editing
- Photo Magazine Design
- E-Newsletter Content Development
- Research Projects
- Role Playing
- Peer Teaching

#### Internships:

Each department employs industrial/field visits, media house visits, expert guest lectures, and workshops. All departments have implemented participatory learning techniques, which include: group discussions, panel discussions, poster and paper

presentations, quizzes using ICT resources, student-led seminars, and debates. Peer education. interactions between alumni and academics Methods for resolving issues include case studies, research projects, and more. Student-centered teaching strategies are used in Math Lab Add-on Courses, Communicative English Lessons, Pre-Placement Training, Department Fest Activities on Subject-Related Topics, and Value Education Workshops.

File Description	Documents
Upload any additional information	<u>View File</u>
Link for additional Information	Nil

# 2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

These ICT-enabled instruments are utilised for efficient teaching and learning. 1. A PowerPoint presentation with simulations and animations, Socrative, a pear deck, hot potatoes, Kahoot, and a mind map 2. Free educational assets YouTube videos, the NPTEL website, and science videos 3. Test your knowledge with a PowToon, TedED, EDMODO, Survey Monkey, and Prezi quiz. 4. Posting to Moodle and G-Suite • PPT Bank • Tests and quizzes 5. Multimedia • E-PG pathshala content; videos from NPTEL 6. Interactive classes with the Nearpod, Canva, EDpuzzlela, Clipchamp, ChartGo, and PDF Pro tool 7. Using voice recording, live studio programming, YouTube content creation, short video documentaries, and online media platforms to create content • The OBS studio 8. Anaconda, Open-Source Software Javascript, XML, Chrome, Internet Explorer, Weka 3, JDK 1.8, R Studio, Hadoop Framework, Visual Studio, Anaconda, Thingspeak, NodeJS, Netbeans, Eclipse, Javascript

9. Coding app, Asqlite Manager, DBMSSQLCompiler Online, Java IDE, GIT Bash, and LINUXTermux are some examples of mobile apps. 10. Simulators: • Jubins 8085 simulator; Logisim, a professional logic circuit simulator 11. Platform with ICT Support: • Google Classroom • Online laboratories (Bioinfomatics) By equipping smart classrooms with LCD projectors and screens, WiFi connectivity, HDMI, and HDMI to VGA converters, the college has made it easier for students to use ICT-enabled tools.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://mlacw.edu.in/e-learning/e-content/
Upload any additional information	<u>View File</u>

#### 2.3.3 - Ratio of students to mentor for academic and other related issues

#### 2.3.3.1 - Number of mentors

#### 107

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	<u>View File</u>
Circulars with regard to assigning mentors to mentees	<u>View File</u>

### 2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

#### ACADEMIC CALENDAR

The following points / dates are considered in preparation of the academic calendar.

- 90 working days.
- Additional 10 days in view of activities during the academic year.
- Date for reopening of college
- Dates for Election of student association and their activities
- Dates for BoS and Academic Council meetings
- Internal assessment tests, Parents Teachers Meeting
- Last date for completion of syllabus
- Date for End semester examination, Valuation and declaration of results
- Date for commencement of next semester.

The college followed the notifications of the UGC, Karnataka State Government, and Bengaluru City University for the holding of examinations and reopening of the college during the pandemic year 2020-2021 due to lockdowns announced.

TEACHINGPLAN Each teaching faculty creates a teaching plan in order to guarantee the timely and efficient completion of the curriculum. The work diary includes the lesson plan. Each teacher keeps a daily record of each class in their work diary, noting the subject matter covered, the instructional strategy employed, and the number of pupils present. This makes it easier to complete the curriculum on time and in accordance with the lesson plan. The department head and principal also keep an eye on how well each faculty member is following the lesson plan.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	<u>View File</u>

#### 2.4 - Teacher Profile and Quality

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

123

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	<u>View File</u>
List of the faculty members authenticated by the Head of HEI	<u>View File</u>
Any additional information	No File Uploaded

# 2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

37

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	<u>View File</u>
Any additional information	<u>View File</u>

# 2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time

### teachers' total teaching experience in the current institution)

900

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	<u>View File</u>
Any additional information	<u>View File</u>

#### 2.5 - Evaluation Process and Reforms

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

49

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	<u>View File</u>
Any additional information	<u>View File</u>

# 2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

32

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	<u>View File</u>
Upload any additional information	No File Uploaded

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

Subsequent to the granting of autonomous status in April 2016, an IT integrated examination system (EMS) was implemented to ensure that the examination process is carried out efficiently.

IT Integrated Examination System:

- Generation of Register Number for the new admissions
- Mapping of courses with student register numbers and subject codes
- Preparation of schedule of Internal Assessment tests, End Semester Examination in accordance with Academic Calendar of Events
- Conduct of Internal Assessment Tests and ESE
- Declaration of Results
- Call for Revaluation
- Conduct of Make-up Examination
- Final declaration of results

#### On-line pre-examination routine:

- Generation of Timetable.
- Preparation of Room Allotment and Invigilator Diary
- Payment of fees and Issue of Hall Tickets
- Generation of list of students, invigilators, squad

Online Examination material management and logistics: The year 2020-21 was a pandemic year with the college conducting online classes and online exams. The online examination protocol was as follows:

- Generation of QR code for students / answer script
- Barcode generation
- Answer Script Tally

#### IT integrated post-examination activities:

- Issue and return of packets for valuation.
- Entering of marks in the faculty portal
- Digital valuation for online examination of PG Courses.
- Calculation of SGPA and CGPA using software
- Declaration of results

#### IT integrated Continuous Internal Assessment System:

- Entry of Internal Assessment test marks on Faculty portal
- Calculation of marks for CIA online for inclusion in the marks card

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

#### 2.6 - Student Performance and Learning Outcomes

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

In order to guarantee that the students comprehend the relevance and importance of the course being taught, course outcomes for each programme have been spelled forth. The creation of acceptable course outcomes has made it possible for both the teacher and the student to have a clear understanding of the desired learning outcomes, resulting in more fulfilling educational experiences. Below is an example of a course outcome from each of the streams that was chosen at random:

Stream

Course

Course Outcomes

Science

IV Sem CHE.T4-4

Software Engineering

Analysis of Software Engineering BOD and COD of waste water and outline the sewage treatment process steps learning about user interface design, object-oriented and function-oriented design

Humanities

Fundamentals of Journalism

Basic Psychological Processes

Design and Produce Newsletters

Improve your observational and reporting abilities.

Commerce & Management

Soft Skills for Business

Auditing

Use technology to deliver powerful speeches and presentations

Write a report on the audit.

Teachers are informed of POs, PSOs, and COs during meetings for curriculum framing, creating lesson plans, and reviewing test results and feedback.

Students are informed of the POs, PSOs, and COs via the college website, the Orientation programme, and by the teaching faculty prior to the start of the course.

File Description	Documents	
Upload COs for all courses (exemplars from the Glossary)	<u>View File</u>	
Upload any additional information	No File Uploaded	
Link for additional Information	https://mlacw.edu.in/naac/po-pso-and-co/	

#### 2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

The institution performs a survey when a programme or course is finished to assess how well the POs, PSOs, and Cos were attained.

Step 1: Creation of Google forms using a structured questionnaire

Step 2: Collection of data from students of

- Final Year PO, PSO & CO
- First & Second year CO

Step 3: Analysis of Data to compute average rating for POs, PSOs, COs

Step 4: Sharing the result of the survey with the teaching faculty towards using the same in curriculum restructuring and in adopting appropriate teaching methodology

Summary of Ratings indicating the extent of attainment of the various outcomes:

Program

POs

**PSOs** 

COs

B.Sc

3.81 to 4.23

4.01 to 4.26

3.56 to 4.57

B. A

3.77 to 4.37

4.1 to 4.62

3.04 to 4.84

B. Com & BBA

4.23 to 4.33

4.29 to 4.44

3. 65 to 4.39

B.Voc

4.18

4.24

3.37 - 4.6

**BCA** 3.94 3.97 3.56 - 4.28M.Sc (Biotechnology) 3.84 3.76 3.65 - 4.21M.Sc (Biochemistry) 4 3.97 3.61 - 4.44M.Com 4.52 4.46 3.41 - 4.34

Ratings between 3 and 5 on a scale of 1 to 5 show that the curriculum's organisation and the teaching methods being employed are in line with the desired results.

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

# 2.6.3 - Pass Percentage of students

# 2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

#### 646

File Description	Documents	
Upload list of Programmes and number of students appear for and passed in the final year examinations	<u>View File</u>	
Upload any additional information	<u>View File</u>	
Paste link for the annual report	https://downloads.mlacw.edu.in/filer_publi c/cd/3f/cd3ffe2b-7b0f-419f-8041-ab4ab97abc 14/annual_exam_report_2021-22_r.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

https://downloads.mlacw.edu.in/filer\_public/3d/4d/3d4da623-debd-41 09-9c41-59dfdda167bd/student\_satisfaction\_survey\_1\_1.pdf

#### RESEARCH, INNOVATIONS AND EXTENSION

#### 3.1 - Promotion of Research and Facilities

- 3.1.1 The institution's research facilities are frequently updated and there is a well-defined policy for promotion of research which is uploaded on the institutional website and implemented
  - The mLAC Trust has created and posted a Research Policy on the website with the following goals to promote a research culture in the college:
  - Provide a framework for well-planned research activities;
  - Encourage research to address societal demands;
  - Establish an ecosystem for research and innovation
  - To promote an innovative and creative mindset among the research community

The college's research activities are promoted and overseen by the research committee.

#### Research Facilitation

• Candidates with prior experience in reputable research

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- institutes or R&D labs in industry are given preference in hiring and wage negotiations.
- Faculty members who exhibit exceptional publishing and research skills are given priority for advancement.
- State-of-the-art research labs with cutting-edge tools and technology funded by a number of government organisations, including DBT-BIF, DBT-Star status (life sciences), DBT-Star scheme (physical sciences), and DST-FIST for PG
- Seed money for internal research initiatives; An incentive for sponsored projects equal to 5% of the overhead grant received from the outside funding organisation.
- Acknowledgement for success in research and publication Best Researcher Award, felicitation with citation, special
  mention on the mLAC website and Newsletter Incentives for
  publication in journals with impact factors, in SCOPUS/ SCI/
  SCIE journals

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	<u>View File</u>
Provide URL of policy document on promotion of research uploaded on the website	https://mlacw.edu.in/research/research- promotion-policy/
Any additional information	<u>View File</u>

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

# 3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

4		
	- /	×

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	<u>View File</u>
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	<u>View File</u>
List of teachers receiving grant and details of grant received	<u>View File</u>
Any additional information	<u>View File</u>

# 3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

0

File Description	Documents
e-copies of the award letters of the teachers	No File Uploaded
List of teachers and details of their international fellowship(s)	<u>View File</u>
Any additional information	No File Uploaded

### 3.2 - Resource Mobilization for Research

# 3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

#### 17.9

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	<u>View File</u>
List of projects and grant details	<u>View File</u>
Any additional information	No File Uploaded

# 3.2.2 - Number of teachers having research projects during the year

4

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for additional Information	Nil
List of research projects during the year	<u>View File</u>

#### 3.2.3 - Number of teachers recognised as research guides

6

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	<u>View File</u>
Institutional data in Prescribed format	<u>View File</u>

## 3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

2

File Description	Documents
Supporting document from Funding Agencies	<u>View File</u>
Paste link to funding agencies' website	https://mlacw.edu.in/research/funding- agencies/
Any additional information	<u>View File</u>

#### 3.3 - Innovation Ecosystem

- 3.3.1 Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.
  - Entrepreneurship Development Cell (ED Cell) is managed by a committee comprising of teaching faculty and students from various streams. Professionals from organisations like MSME and AWAKE have been invited to create awareness on the various aspects in commencing and operating a business

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- enterprise. Studentsof the ED Cell have been encouraged to putstalls and display entrepreneurial skills.
- · A program instituted by the college for creation and transfer of knowledge and supported by Govt of Karnataka is Biotechnology Skill Enhancement Program (BISEP). Biotechnology Finishing School (BTFS) is the novel initiative of the Department of Biotechnology, Government of India, Department of IT & BT, Government of Karnataka in Collaboration with LSSSDC, CSIR-IICT and ABLE. This programme aims at imparting industry-specific skills thereby ensuring to meet the trained manpower needs of the Biotech industry. The Dept of Biotechnology, mLAC has been selected for the second phase of the programme named as "Biotechnology Skill Enhancement Programme". The centre has been accredited by Life Science Sector Skill Development Council, New Delhi as Vocational Training Partner for two Qualification Packs-Scientific Writer and Clinical Research Associates which are themain job roles in Pharmaceutical, Biotechnology Industry and Clinical Research.

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

## 3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

24

File Description	Documents
Report of the events	<u>View File</u>
List of workshops/seminars conducted during the year	<u>View File</u>
Any additional information	No File Uploaded

#### 3.4 - Research Publications and Awards

## 3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research

A. All of the above

#### Ethics in the research methodology course work Plagiarism check through authenticated software

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	<u>View File</u>
Any additional information	No File Uploaded

## 3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

#### 3.4.2.1 - Number of PhD students registered during the year

0

File Description	Documents
URL to the research page on HEI website	https://www.mlacw.edu.in/research/
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	<u>View File</u>
Any additional information	<u>View File</u>

## 3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

30

File Description	Documents
List of research papers by title, author, department, and year of publication	<u>View File</u>
Any additional information	<u>View File</u>

## 3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

13

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

## 3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

#### 3.4.5.1 - Total number of Citations in Scopus during the year

303

File Description	Documents
Any additional information	<u>View File</u>
Bibliometrics of the publications during the year	<u>View File</u>

## 3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of $\,$ Science - h-Index of the University

#### 3.4.6.1 - h-index of Scopus during the year

12

File Description	Documents
Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	<u>View File</u>
Any additional information	No File Uploaded

#### 3.5 - Consultancy

## 3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

0

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	<u>View File</u>
List of consultants and revenue generated by them	No File Uploaded
Any additional information	No File Uploaded

## 3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

0

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	<u>View File</u>
List of training programmes, teachers and staff trained for undertaking consultancy	No File Uploaded
List of facilities and staff available for undertaking consultancy	No File Uploaded
Any additional information	No File Uploaded

#### 3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

For the holistic development of both its students and staff, mLAC places a strong emphasis on the value of extension activities and social outreach programmes. All pupils participate in social issue-based sensitization activities. To keep students informed about the everyday realities of society, the mLAC NSS/NCC wing, E-cell, WDC, and other departments plan and carry out a variety of extension activities all year long. Both graduate and undergraduate students actively participate in community development initiatives such as volunteering at government-run schools, visiting old age and orphanages, taking part in marches and social awareness campaigns, and participating in walkathons.

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Students in mLAC classes typically develop their leadership, teamwork, and social skills as well as their sensitivity to interacting with individuals of different ethnicities.

Students in the mLAC programme typically develop their leadership, teamwork, and social skills as well as their sensitivity to dealing with individuals of different racial backgrounds or socioeconomic statuses. Extension activities make students feel more motivated and satisfied, and they also maintain friendly relationships with parents, mLAC alumni, nearby communities, state legislators, and possible jobs. A tool that can improve community linkages between students and educational institutions, mLAC is able to offer students a comprehensive teaching and learning experience through extension and outreach activities.

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

## 3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year

4

File Description	Documents
Number of awards for extension activities in during the year	<u>View File</u>
e-copy of the award letters	<u>View File</u>
Any additional information	No File Uploaded

3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

11

File Description	Documents
Reports of the events organized	<u>View File</u>
Any additional information	<u>View File</u>

#### 3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

350

File Description	Documents
Reports of the events	<u>View File</u>
Any additional information	<u>View File</u>

#### 3.7 - Collaboration

## 3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

178

File Description	Documents
Copies of documents highlighting collaboration	<u>View File</u>
Any additional information	<u>View File</u>

## 3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

36

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	<u>View File</u>
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	View File
Any additional information	No File Uploaded

#### 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 equipments, etc.

The college's physical infrastructure for teaching and learning consists of the following:

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- Classrooms 30 ICT-enabled classrooms, 5 of which are smart classrooms, to accommodate 16 UG programmes and 4 PG programmes. For UG programmes, the class size in each classroom ranges from 30 to 100 students, and for PG programmes, it ranges from 10 to 40.
- 15 Science, Business, Education, English Language, and Journalism laboratories. There are three batches per lab every day, with 20 to 25 students in each.
- Life Science Research Center for PG Science Students and Kannada Research Center for Research Scholars Pursuing Ph.D.
- Completely automated library with e-resources, 1 UG and 1 PG
- Technological infrastructure, including a dedicated leased line at 50 Mbps and 1:1 student computer use
- ICT-enabled seminar room and auditorium for conferences, workshops, and guest talks

The use of online teaching and learning will be prevalent in 2020-2021. With the use of Google Classrooms and the Google Meet platform, classes were scheduled from 8.30 am to 4.30 pm. The schedule was designed to include 4 to 5 hours of theory per day, or 2 hours of theory with 1 practical class per day.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://downloads.mlacw.edu.in/filer_publi c/cc/75/cc75653d-cf4c-4ba6-9b08-a461f54ff8 4a/411_the_institution_has_adequate_templa te.pdf

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

Facilities for yoga, games (both indoor and outdoor), and sports are adequate. Cultural activities are grouped into three areas: 1. 600 peoplecan fit in the quadrangle with the open stage (120 ft. x 86 ft ). • National holidays such as Independence Day, Republic Day, Gandhi Jayanti, Ambedkar Jayanti, Kargil Divas, and Sadbhavana Divas; festivals such as Ganesh Chaturthi, Dussehra, and Sankranti; and Tarangini, the yearly intercollegiate cultural festival and Freshmen Day. 2. The 80-seat student lounge is used for activities including cooking without a fire, mehndi, hair styling, nail painting, collage, and rangoli. 3. Auditorium: 60 x 120 feet, 250 seats, air conditioning, audio-visual equipment, and

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has played host to a number of cultural events.

#### Yoga:

Auditorium: 60 ft x 120 ft. with a capacity of 100 students is used for practice of yoga asanas and International Yoga Day

#### Games and Sports:

Sports room has facilities for indoor games like carrom and chess and Gymnasium has fitness equipment. The BBMP playground across the college campus for which an annual rent is paid, is used for outdoor games like netball, throwball, cricket. The annual sports day and inter-collegiate sports events are conducted here.

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

#### 4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

34

File Description	Documents
Upload any additional information	<u>View File</u>
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<u>View File</u>

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

#### 127.29

File Description	Documents
Upload audited utilization statements	<u>View File</u>
Details of Expenditure, excluding salary, during the years	<u>View File</u>
Any additional information	No File Uploaded

#### 4.2 - Library as a Learning Resource

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

Once EasyLib software was installed in the mLAC library in 2004, it has been completely automated. To ensure that library operations are carried out as effectively as possible, the programme has been updated throughout time using the most recent version. Details on the ILMS adopted in the years 2020-21 are provided in the following table.

Year

Name of the ILMS

Software

Nature of automation

Version

Year of automation

2021- 2022

EasyLib

Multi user and specific user with Security passwords Fully automated

with different modules Circulation, Barcoding, Accessioning, Bill Payments, Stock Verification, In out Management, Digital Library (URL Facility, Website Link), OPAC app (Electronic Catalogue), Reports etc. with Cloud Management and Android app facility

6.4 (a) Cloud Version

#### 2004

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for additional information	https://downloads.mlacw.edu.in/filer publi c/bd/75/bd75c79b-36b5-4abc-9d78-0075ff4151 9c/421 easylib template.pdf

#### 4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources

A. Any 4 or more of the above

File Description	Documents
Details of subscriptions like e- journals, e-books, e- ShodhSindhu, Shodhganga membership	<u>View File</u>
Upload any additional information	<u>View File</u>

## 4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals during the year (INR in lakhs)

#### 6.42

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

#### 4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

#### 4.2.4.1 - Number of teachers and students using the library per day during the year

250

File Description	Documents
Upload details of library usage by teachers and students	<u>View File</u>
Any additional information	No File Uploaded

#### 4.3 - IT Infrastructure

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

- Smart classrooms with smartboards updated
- Classrooms and labs with an LCD projector, LCD screen, and Wi-Fi capability
- A fully automated library with e-resources, computers, a scanner, and wi-fi is also available.
- IT-enabled exam management system upgraded to provide online testing, proctoring, digital scoring, and online results processing.
- Seminar rooms and auditoriums with the necessary Technology infrastructure
- A reprography room with computers, printers, and xerox machines
- CCTVs at key locations, including exam sections, exam rooms, administrative offices, libraries, fee rooms, sports rooms, and hallways.
- A fully computerised administrative office, fee room, and finance department.
- A Wi-Fi facility updated to a leased line for the entire campus;
   An LCD screen at the college reception screening current events and news
- LMS updated with new user interfaces for staff and students;
   updated Wi-Fi throughout the entire campus to a leased
   connection with 50 Mbps
- Server room

The institution's IT policy ensures that computing resources, such as computer hardware, software, email, information resources, intranet and Internet access facilities, website hosting, use of online content, data backup, and safety and security of data, products, facilities, and users on campus, are used legally and ethically.

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

#### 4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
2306	659

File Description	Documents
Upload any additional information	<u>View File</u>

## 4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus

#### A. ?50 Mbps

File Description	Documents
Details of bandwidth available in the Institution	<u>View File</u>
Upload any additional information	No File Uploaded

## 4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing

#### A. All four of the above

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for additional information	Nil
List of facilities for e-content development (Data Template)	<u>View File</u>

#### 4.4 - Maintenance of Campus Infrastructure

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

#### 546.85

File Description	Documents
Audited statements of accounts	<u>View File</u>
Upload any additional information	No File Uploaded

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

To guarantee that all facilities are maintained, The mLAC Trust has created an Infrastructure Maintenance and Usage policy.

#### 1. Physical resources

- The Infrastructure Maintenance Committee (IMC) is responsible for the overall management of the college's physical buildings, including:
- Academic, administrative, and support facilities; The housekeeping staff's cleanliness and hygiene, as well as the IMC's equipment maintenance. To make sure that their particular regions are maintained, the HoDs, Coordinators, Librarian, Administrative Officer, and Office Superintendent are accountable.

#### 2. Academic resources

 The relevant HoDs maintain the science labs in accordance with the Laboratory Maintenance Policy. The HoDs oversee the upkeep of the Humanities Labs in collaboration with the IMC, Housekeeping staff, and Systems Administrator.

#### 3. Facilities for support

- The systems administrator is in charge of maintaining the IT infrastructure.
- The Physical Education Coordinator is fully responsible for the use and maintenance of the sports infrastructure, which includes the playground, indoor sports room, gymnasium, and sporting goods.
- The Chief / Assistant Librarian ensures appropriate utilisation and maintenance of the information resources

#### available therein in accordance with Library Policy.

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for additional information	https://downloads.mlacw.edu.in/filer_publi c/ed/de/edded3e3-1c1e-4ca6-9ea0-53db40bdc8 66/442 maintenance of instruments add doc template.pdf

#### STUDENT SUPPORT AND PROGRESSION

#### 5.1 - Student Support

## **5.1.1** - Number of students benefitted by scholarships and freeships provided by the Government during the year

331

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	<u>View File</u>
Upload any additional information	No File Uploaded

## 5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

285

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

# 5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology

File Description	Documents
Link to Institutional website	
	https://www.mlacw.edu.in/programs/type/ski ll-development/?page=1
Details of capability development and schemes	<u>View File</u>
Any additional information	No File Uploaded

## 5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year

#### 939

File Description	Documents
Any additional information	No File Uploaded
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	<u>View File</u>

# 5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees

#### A. All of the above

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti- ragging committee	<u>View File</u>
Details of student grievances including sexual harassment and ragging cases	<u>View File</u>
Upload any additional information	No File Uploaded

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#### 5.2 - Student Progression

#### 5.2.1 - Number of outgoing students who got placement during the year

#### 196

File Description	Documents
Self-attested list of students placed	<u>View File</u>
Upload any additional information	<u>View File</u>

#### 5.2.2 - Number of outgoing students progressing to higher education

#### 217

File Description	Documents
Upload supporting data for students/alumni	<u>View File</u>
Details of students who went for higher education	<u>View File</u>
Any additional information	No File Uploaded

## 5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

## 5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

3

File Description	Documents	
Upload supporting data for students/alumni	<u>View File</u>	
Any additional information	No File Uploaded	

#### 5.3 - Student Participation and Activities

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

9

File Description	Documents	
e-copies of award letters and certificates	<u>View File</u>	
Any additional information	No File Uploaded	

### 5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

A democratically elected entity, the mLAC Students' Council is made up of a president, vice president, general secretary, joint secretary, sports secretary, cultural secretary, and treasurer. The college's students' council actively plans events there, which enhances the student experience on campus. The following are some of the events that the student council plans and oversees:

- Cultural events like Ethnic Day, Freshers Day, and the Inter-Class and Inter-Collegiate Fest (Tarangini).
- Celebrations of national holidays include Independence Day, Republic Day, Indian Constitution Day, Teachers' Day, and Swami Vivekananda Jayanthi. Festivals celebrated include Ganesha Chaturthi and Saraswathi Pooja.
- Community improvement Blood Donation Camp, Sapling Plantation Drive, COVID 19 Immunization Drive
- Outreach Walkathons to Raise Awareness of Current Hot Issues

Student representation on academic and administrative committees

- ICC, Grievance Redressal Cell, and Anti-Ragging Cell Members of the Students' Council are a part of these cells.
- IQAC The President of the Students' Council is a member of the IQAC.
- Women Development Cell, Entrepreneurship Cell, and Placement Cell - Students who register themselves as members of these cells contribute actively to the organisation of the various events.
- Class representatives play an important role in providing vital feedback and suggestions for curriculum development and the teaching-learning process.

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

#### 5.3.3 - Number of sports and cultural events / competitions organised by the institution

16

File Description	Documents
Report of the event	<u>View File</u>
List of sports and cultural events / competitions organised per year	<u>View File</u>
Upload any additional information	No File Uploaded

#### 5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

Members of the mLAC Alumni association registered as "ARPAN" have planned numerous events and made monetary and in-kind contributions to the organisation. Financial support has been used to establish scholarships and cover the costs of tuition for students in need.

The support services provided by ARPAN are tabulated below:

Date

Nature and Title of event

Beneficiaries

May 9th, 2020

Webinar on "In the wake of Covid-19 Crisis"

249 student participants

June 13th, 2020

Interactive session on "Career choices, consequences and beyond"

Students of Final year UG programs

March 20th, 2021

Webinar on "Career and Skills: Create a path and your journey to go"

Students of B.Sc. Final year

April 17th, 2021

Webinar on "Managing Investments during pandemic"

Students of Final year

Webinar on "Emerging Trends in Information Technology"

Students of B.Sc. and BCA Final year

June 6th, 2021 to June 27th, 2021

Free online Yoga

202 participants - students and teachers

July 7th, 2021

Guest Lecture by Industry expert on "Career for women in alcoholic beverage industry"

B.Sc. Final year students and students from neighbouring colleges

Testimonials from prominent alumni well established in their career, have been sourced for motivating NextGen learners.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	https://mlacw.edu.in/naac/ssr-iv- cycle/criteria-5/54-alumni-engagement/541/

## **5.4.2 - Alumni's financial contribution** during the year

Α.	2	15	Lakhs
<b>A</b> .		TO	Lakiis

File Description	Documents
Upload any additional information	<u>View File</u>

#### GOVERNANCE, LEADERSHIP AND MANAGEMENT

#### 6.1 - Institutional Vision and Leadership

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

The mission statement, which outlines the steps to achieving the vision, and the vision statement make clear the mLAC Trust's focus on empowering women. The efforts listed below demonstrate how the college upholds the eight pillars of good governance outlined by the United Nations:

- Framing of policies to meet stakeholder requirements
- Formulation of strategic plan with inputs from teaching faculty
- Curriculum revision with approval of statutory bodies
- Facilitation of online teaching-learning
- Covid care and caution webinars, vaccination drive
- Seed funding disbursement for research projects
- Facilitation of Ph.D course work for teaching faculty
- Appointment of academic coordinator and NAAC core team
- Feedback system attainment of learning outcomes, effectiveness of online teaching-learning, attainment of outcomes of holistic education and value education, 360 degree performance appraisal of teaching faculty, student satisfaction on infrastructure
- Representation of teachers on statutory bodies, IQAC and cells / committees
- Periodic meetings of Managing Trustee, Principal with staff and students
- Periodic meetings of various departments
- Infrastructure development to meet stakeholder requirements
- Faculty Development Programmes for teaching-learning, leadership, research and consultancy
- Facilitation of industry collaboration
- Audits Academic and administrative external audit, Green audit

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for additional Information	https://mlacw.edu.in/about/vision-mission- core-values/

## 6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization and participative management

An example of a decentralised and collaborative management strategy for academic activities: Curriculum development Every department develops its curriculum with input from every faculty member and submits it to the Board of Studies, which is made up of members from every teaching faculty member as well as outside topic specialists, with the Head of Department serving as chair. The Academic Council, whose members include all of the Department Heads and outside academic experts, is then presented with the curriculum. The Principal serves as the council's chairperson.

Teaching methods and other activities: A contemporary example of participative management is the conversion of physical classes to online form. Several of the training sessions in teaching pedagogy that the IQAC started were led by young teachers who had the necessary experience. IQAC-coordinated groups and forums made up of instructors and students plan a variety of activities. An academic coordinator who has the power to organise and manage the academic procedures has been designated by the mLAC Trust. The coordinators for each stream are in charge of their particular streams and answer to the academic coordinator. The representatives of the teaching faculty and students meet with the Managing Trustee on a regular basis. Staff and students have been inspired by the top management's strategy to work more passionately and devotedly towards institutional progress.

File Description	Documents
Upload strategic plan and deployment documents on the website	<u>View File</u>
Upload any additional information	No File Uploaded
Paste link for additional Information	https://mlacw.edu.in/naac/strategic-plan/

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#### 6.2 - Strategy Development and Deployment

#### 6.2.1 - The institutional Strategic/Perspective plan has been clearly articulated and implemented

Due to the rapidly shifting expectations of higher education with regard to ICT integration, the aim linked to enhancing learning resources was given top priority among the objectives listed in the Strategic Plan 2016-20. The initiatives listed below demonstrate the college's attempts to integrate ICT:

- The college has offered laptops and PCs with wi-fi connectivity to enable ICT oriented teaching-learning.
- Well-equipped e-classrooms and labs with LCD projector, screen, and wi-fi facility. E-campus software powers administration, governance, and examination.
- The library operates using the Easy lib 4.2.2 software and benefits from institutional participation in the DELNET, N-LIST Program, as well as access to E- resources. The Integrated e-Content Portal, SHODHGANGA@INFLIBNET CENTRE/Online, DELNET, and INDCAT all offer research support services. The library has organised awareness campaigns on topics including Open Access E-resources, Research Links, Citation Analysis, Scopus Indexed, MOODLE, MOOCS, IRINS memberships, etc.
- The college offers a seminar room and an auditorium with an LCD projector, screen, cutting-edge audio systems, and excellent acoustics. The teaching staff has been able to easily adjust to virtual classroom settings during the pandemic period, thanks to the goal's successful implementation, which relates to enhancing ICT-driven learning materials.

File Description	Documents
Strategic Plan and deployment documents on the website	<u>View File</u>
Paste link for additional information	https://mlacw.edu.in/naac/strategic-plan/
Upload any additional information	No File Uploaded

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

The MLACW Trust, which is represented by the Managing Trustee, is in charge of running the college. The principal oversees and

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manages the college's administrative and academic operations. Equity in governance and discipline at the college are ensured through policies, procedures, and a code of conduct. The organisations established with members from industry and alumni, as well as university and state government nominees, are in accordance with the statutory requirements for autonomous institutions.

- Governing body
- Finance Committee
- Academic Council
- Board of Studies

The Academic Coordinator, Administrative Officer, IQAC Coordinator, Controller of Exams, and Office Superintendent provide assistance to the Principal. The stream-wise coordinators and HoDs who support the academic coordinator are supported by the teaching faculty and non-teaching employees. The administrative officer draughts appointment letters, service regulations, and employee service books to guarantee compliance with regulations for autonomous colleges. Through quality initiatives, quality audits, feedback, and routine follow-up on the feedback, the IQAC Coordinator and members ensure quality. The end-of-semester examinations, internal assessment tests, evaluation, and results declaration are all handled by the controller of examinations. To ensure effective financial management, the Trust appoints a Finance Officer. The Office Superintendent is in charge of communicating with the state government and affiliated university. The organogram thus emphasises the power and accountability of the many roles in the college.

File Description	Documents
Paste link to Organogram on the institution webpage	https://mlacw.edu.in/about/governance/
Upload any additional information	<u>View File</u>
Paste link for additional Information	Nil

6.2.3 - Implementation of e-governance in	A. All of the above
areas of operation: Administration Finance	
and Accounts Student Admission and	
<b>Support Examination</b>	

File Description	Documents
ERP (Enterprise Resource Planning) Documen	<u>View File</u>
Screen shots of user interfaces	<u>View File</u>
Details of implementation of e- governance in areas of operation	<u>View File</u>
Any additional information	<u>View File</u>

#### **6.3 - Faculty Empowerment Strategies**

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

The mLAC Trust's policies and staff welfare programmes/measures make clear how concerned it is with the health of its workers and their ability to advance professionally. Employee career growth is made possible by the promotion policy, research policy, Ph.D. facilitation policy, grievance redressal policy, and ICC policy.

#### Welfare Measures include:

- Gratuity, contribution to provident fund by college
- Medical insurance to staff and their dependents.
- Free meals and coffee/ tea for non-teaching staff.
- Festival advance and low interest loans through the Staff Welfare Association.
- Education loan for the children of non-teaching staff

Welfare Measures for Career Development / Progression

- Libraries with INFLIBNET/DELNET, E-Learning materials.
- Faculty development programmes run by IQAC concentrate on academic progress and institutional development.
- Free Wi-Fi access for research and teaching purposes.
- Research projects receive seed money
- Payment upon completion of a PhD
- Payment of registration fees for presenting research papers at conference
- Financial assistance for travelling to and presenting at international conferences abroad
- Flexibility in working hours for educators enrolled in doctoral programmes.

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

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

2

File Description	Documents
Upload any additional information	<u>View File</u>
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 programmes organized by the Institution for its teaching and non-teaching staff during the year

11

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	<u>View File</u>
Upload any additional information	<u>View File</u>

## 6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

81

File Description	Documents
Summary of the IQAC report	No File Uploaded
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	<u>View File</u>
Upload any additional information	<u>View File</u>

#### **6.4 - Financial Management and Resource Mobilization**

#### 6.4.1 - Institution conducts internal and external financial audits regularly

The mLAC Trust has built a structured mechanism for financial audit as required by law. The college does an internal audit every six months and an annual statutory (external) audit. Internal audit: The internal audit team checks all vouchers, and if any discrepancies are discovered, they are brought to the Finance Officer's attention. Statutory audit: At the conclusion of each fiscal year, a chartered accountant conducts an audit of the college's accounts. The auditor confirms that Principal has properly authorised all payments. Any questions that arise during the audit are answered right away, together with any necessary supporting documentation, and within the allotted time frame. There were no significant audit complaints the year before.

Mechanism for settling audit objections / observations, if any:

• The Board of Trustees is presented with annual financial statements, internal audit reports, and statutory audit reports at the conclusion of each fiscal year for review and approval. • The Trustees approve the audit reports after taking notice of the auditors' findings and recommendations. • The finance officer is instructed to start taking action in response to the observations and recommendations.

The system of financial auditing has made sure that money is managed with transparency and financial discipline.

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for additional information	https://downloads.mlacw.edu.in/filer_publi c/5b/be/5bbe25a4-bf40-4b31-84c7-c6736144f0 b4/financial_audit_reports.pdf

## 6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

31

File Description	Documents
Annual statements of accounts	<u>View File</u>
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	<u>View File</u>
Any additional information	No File Uploaded

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

The goals of the resource mobilisation and utilisation policy created by the mLAC Trust are as follows:

- To provide a framework for resource mobilisation and utilization
- To enable transparency and accountability in financial management
- To achieve the college's objectives through the best use of resources
- To ensure compliance with statutory requirements regarding resource mobilisation and utilisation.

Resource mobilisation and utilisation (Funds to be mobilised):

- Internal
  - Tuition fees
  - Secific purpose fees
  - Development fund
- External
  - General Grants
  - Research Grants

 Scholarships, endowments, corporate grants, donation from alumni etc.

Procedure followed for utilization of resources

- The financial budget for every year is placed before the Trust for approval
- The approved budget and the fee structure for the year is placed before the Finance committee constituted as per the UGC Autonomous Statues for its approval
- Expenditure is incurred according to the approved budget.
  - e tenders are invited for capital expenditure in excess of Rs.1 Lakh
  - For other expenditure, three quotations are invited
  - In case of Government grants audited statement of accounts along with the utilization certificate are submitted within the specified period.
- At the end of every financial year, annual financial statements, internal and statutory audit reports are placed for consideration and approval of Board of Trustees.

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

#### 6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

In the year 2020-21, the IQAC made recommendations to the mLAC Trust for approval of the following two initiatives.

1. First Generation Learner (FGL) Scheme

The inability of parents to pay tuition fees due to loss of jobs / income during the COVID 19 pandemic created a situation where many students had to be allowed fee concessions in order to facilitate education of girl students. In this background, IQAC recommended the FGL scheme, approved by the Trust.

The benefits available to the FGL under this scheme include fee concession, special mentorship, book bank facility, additional coaching and support to enable her to be at par with other students.

#### 2. Green Audit

As part of institutional social responsibility towards reducing the carbon footprint, the IQAC, with approval of the mLAC Trust, initiated Green Audit which was conducted by a team of members from Centre for Environmental Education, Bangalore. The areas identified for audit included Energy Utilization, Water Usage, Waste Generation, Renewable Energy Implementation and Green Cover & Biodiversity

Recommendations on measures to improve energy conservation, water management and general maintenance of the green spaces in the campus were made on completion of the audit.

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

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

The IQAC has taken two actions to promote a stimulating teachinglearning environment:

#### Teaching Plan:

Title of the module, hours allotted, the teaching approach to be followed, and books of reference are all listed in the teaching plan format in the work diary that each teacher completes at the beginning of each semester. Measures of review include the HoD's examination of the work diary, student feedback on teachers, and internal audit by IQAC.

#### Flipped learning:

The UG and PG programmes' expected programme goals include the ability to learn on one's own and the ability to support lifelong learning. The IQAC started using this teaching pedagogy in order

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to accomplish these goals.

Teachers who participated in the FDP on Flipped Classroom were provided information on the necessity for and different kinds of flipped learning, Bloom's Taxonomy, and strategies for involving students in this approach.

For a greater comprehension of the module for which learning material is provided in advance, flipped learning is used across departments with the Humanities employing case studies, group discussions, presentations, etc. and the Sciences using demonstrations, seminars, etc. Through interactions between the Head of Department and representatives of the classes, as well as formal input from the students, the efficacy of flipped learning as a teaching strategy is evaluated.

File Description	Documents	
Upload any additional information	<u>View File</u>	
Paste link for additional information	https://mlacw.edu.in/igac/stakeholders- feedback/	

# 6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)

B. Any 3 of the above

File Description	Documents	
Paste the web link of annual reports of the Institution	https://mlacw.edu.in/reports/	
Upload e-copies of accreditations and certification	<u>View File</u>	
Upload details of quality assurance initiatives of the institution	<u>View File</u>	
Upload any additional information	<u>View File</u>	

#### 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

The following facilitates gender equity and sensitization in academic and extracurricular activities:

- Encourage students to pursue leadership roles in the student organisation.
- Prepare students to compete and achieve in the workplace.
- Provide students with guidance on how to overcome sociocultural hurdles.
- Promotional initiatives for entrepreneurship
- Promoting student participation in and success in NCC and athletics
- Using a multidisciplinary curriculum to allow for placements
- Exposure gained from internships, industrial visits, courses focused on industry and skills, guest lectures, seminars, and conferences; Women Development Center programmes emphasising health and hygiene, women's rights, and martial arts instruction

To provide a safe and secure environment the various measures include:

- CCTV cameras at strategic locations
- Adequate washrooms
- Health center with a qualified nurse
- Students' lounge for informal student interactions
- In campus canteen and reprography facility
- Internal Complaints Committee
- Posters at prominent places in the campus
- Awareness programs on POSH Act
- Counselling center to promote mental health and well-being
- Mentoring of students
- Professional security agency providing at least one lady security guard

File Description	Documents	
Upload any additional information	<u>View File</u>	
Paste link for additional Information	https://downloads.mlacw.edu.in/filer_publi c/75/88/75881d77-f927-4781-b045-f51afa056a 03/711_safety_and_security.pdf	

## 7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/power-efficient equipment

Α.	Any	4	or	All	of	the	above
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File Description	Documents
Geotagged Photographs	<u>View File</u>
Any other relevant information	<u>View File</u>

## 7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

The facilities available in the college for management of degradable and non-degradable waste are stated as follows:

- Chemical Waste: No hazardous chemicals are used in Labs. Chemicals are disposed off appropriately by trained Lab Attendants.
- Biological Waste: Disposed through BBMP Waste Collection system
- Furniture & Teaching aids: Obsolete / damaged furniture is either replaced or sent for recycling
- Old Books : Sent for recycling
- E- waste : Exchanged under buy-back
- Newspaper : Every 6mths it is sent for recycling
- Recyclable paper: Every 6 months it is sent for recycling
- Food Waste: Until 2019 Biogas plant was used for treatment of food waste from the canteen. After 2019 it is being disposed as wet waste through BBMP waste collection system.
- Plastic, Cans, cardboard: sent for recycling to BBMP as dry waste
- Light bulbs, solvents, adhesive: disposed as dry waste through BBMP waste collection system.
- Biodegradable waste from garden: composted and reused

- Sanitary waste: Incinerator has been installed for disposal
- Waste from first-aid center: disposed as hazardous waste through BBMP waste collection system
- Waste generated from Animal house: AMC for appropriate treatment

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	<u>View File</u>
Geotagged photographs of the facilities	<u>View File</u>
Any other relevant information	No File Uploaded

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

C. Any 2 of the above

File Description	Documents
Geotagged photographs / videos of the facilities	<u>View File</u>
Any other relevant information	<u>View File</u>

#### 7.1.5 - Green campus initiatives include

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

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

File Description	Documents
Geotagged photos / videos of the facilities	<u>View File</u>
Various policy documents / decisions circulated for implementation	<u>View File</u>
Any other relevant documents	<u>View File</u>

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

## 7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:

A. Any 4 or all of the above

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

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	<u>View File</u>
Certification by the auditing agency	<u>View File</u>
Certificates of the awards received	<u>View File</u>
Any other relevant information	No File Uploaded

# 7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance,

A. Any 4 or all of the above

## reader, scribe, soft copies of reading materials, screen reading, etc.

File Description	Documents
Geotagged photographs / videos of facilities	<u>View File</u>
Policy documents and brochures on the support to be provided	<u>View File</u>
Details of the software procured for providing assistance	No File Uploaded
Any other relevant information	<u>View File</u>

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

Initiatives in providing an inclusive environment

The college adheres to the government's reservation policy and offers equal opportunity for student admission and staff hiring from a variety of ethnic, geographical, and socioeconomic backgrounds. Students from underprivileged categories are eligible for fee reductions. By developing a FGL Policy in 2020-21, the mLAC Trust has reached out to First Generation Learners (FGLs). Students in the college experience unity and harmony as a result of commemorations of Independence Day, Republic Day, Gandhi Jayanthi, Ambedkar Jayanthi, Vivekananda Jayanthi, Constitution Day, Kargil Vijay Divas, Sadbhavana Divas, Women's Day, Teachers Day, and International Yoga Day.Fresher'sDay and Ethnic Day are two examples of Student Association events.

Inter-collegiate cultural festivals like Tarangini, departmental celebrations like Janapada Mela and Ganesh Chaturthi, and religious festivals like Ayudha Pooja all encourage a healthy appreciation for various racial and cultural groupings. Blood drives and walkathons on topical issues make kids aware of their place in society. In collaboration with an NGO, the college holds workshops on value education with the topic "Know Yourself, Know Your Country, Know Your Culture." By assisting students and staff in developing healthy self-esteem and respect for others, a full-time therapist helps to enable their mental and emotional well-being.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<u>View File</u>

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

Students have been made aware of their constitutional obligations in the following ways by the college:

- A compulsory course on Indian Constitution is offered across all programs in the first year.
- As part of celebration of National days such as Independence Day, Republic Day, Gandhi Jayanthi, Ambedkar Jayanthi, Vivekananda Jayanthi, Constitution Day, Teachers Day, activities such as speeches, national songs, dance etc. were organized.
- Events organized by NCC aimed at sensitization on contribution to the nation.
- Awareness programs on COVID care and caution, COVID vaccination drive, blood donation camps, and celebration of World Environment Day through conduct of university level quiz and public lectures sensitized students to their duty towards the nation.
- Value education workshops on the theme 'Know yourself, Know your country, Know your culture' has contributed to building a strong foundation of citizenry
- Initiatives that focus on values of equality, inclusivity and justice are:
  - First Generation Learners Policy
  - Scholarship and Fee Concessions
  - Facility for the differently-abled
- Code of conduct: Employee code of conduct and student code of conduct have been drawn up to ensure that employees and students function as dutiful citizens and contribute to the institution and nation at large.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	<u>View File</u>
Any other relevant information	<u>View File</u>

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization 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 Annual awareness programmes on the Code of Conduct are organized

A. All of the above

File Description	Documents
Code of Ethics - policy document	<u>View File</u>
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	<u>View File</u>
Any other relevant information	No File Uploaded

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

#### National Days:

On Independence Day and Republic Day, the Indian tricolour was hoisted in the college quadrangle and the NCC officers ensured that the protocol is strictly adhered to. On Gandhi Jayanti, Vivekananda Jayanti, Ambedkar Jayanti, Constitution Day and Teachers Day activities such as street play, smart selfie, speech competition, essay writing, quiz, triathlon, short movie making were organized.

#### International Days:

International Women's Day was celebrated by identifying women achievers from different walks of life and felicitating them.

To mark the World Environment Day the college conducted quiz competition, public lectures and sapling plantation drive.

On International Yoga Day a group yoga session was organized to mark this occasion.

#### Festivals:

On Ganesh Chaturthi, the Students Association organized the installation of the idol, its pooja and immersion with great fanfare.

During Dussehra, the Ayudha Pooja was performed for all the material / physical resources for enabling the process of teaching-learning.

#### Events:

Founders Day, Convocation Day, Freshers Day, Sports Day, Ethnic Day, College cultural Fest were organized to foster a feeling of oneness and belonging to the college.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	<u>View File</u>
Geotagged photographs of some of the events	<u>View File</u>
Any other relevant information	No File Uploaded

#### 7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

BEST PRACTISE - I: WOMEN IN LEADERSHIP

Apply Today to Make a Greater Difference Tomorrow.

To mark the GOLDEN JUBILEE YEAR, a series of activities were conducted at mLAC and one of the notable initiatives is a lecture series on 'Women in Leadership'. The objective of the program is to provide an opportunity to listen to the success journey of women achievers from varied fields. The session aims to inspire and empower women to engage in purposeful carrier development and to inculcate effective leadership qualities.

The students were privileged to listen to five distinct women achievers during the year.

BEST PRACTISE - II: INTRODUCTION OF FOUR COURSES AS OPEN ELECTIVES

With the objective of familiarizing the students with crosscutting issues, four courses namely Professional Ethics, Gender Studies, Value Education and Indian Culture and Heritage were introduced as open electives for all students II- and III-year students.

File Description	Documents
Best practices in the Institutional website	https://downloads.mlacw.edu.in/filer_publi c/55/79/5579ece4-59e2-4416-9d14-30eca9d7e4 22/additional_document.pdf
Any other relevant information	Nil

#### 7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

FIRST GENERATION LEARNERS - POLICY, SCHOLARSHIP AND GOLD MEDAL

To encourage First generation learners' policy, scholarship and gold medals were instituted. A policy is in place to identify the beneficiaries of the FGL scholarship and gold medal. In addition, they are privileged to avail 50% of fee waiver till the completion of the program.

#### RESEARCH PROMOTION:

To foster research culture at mLAC, a two-dimensional plan of action was started, students' project and faculty's project.

Faculty Research Initiatives: mLAC has formed a research committee to oversee research activities at mLAC. Faculty friendly research policy has promoted book publications, research paper publications and to carry out major and minor funded projects. The college provides seed funding to support research for faculty and currently 10 faculties are the beneficiaries of the same.

The year 2021-22 records 1 KSCA funded project, 13 book publication, 30 research papers in UGC care list journals, 26 papers in Scopus indexed journals and 17 research papers in Web of Science. Apart from these 8 publications and 1 funded project were carried out by student of mLAC. 13 faculties were felicitated and were given incentives for publication.

Online workshop on "Intellectual Property Rights (IPR) Patents and Design filing" was conducted on17thFeb 2022.

File Description	Documents
Appropriate link in the institutional website	https://downloads.mlacw.edu.in/filer_publi c/b8/9a/b89a9679-ae4e-4c75-b857-763466d733 d6/institutional_disinctiveness.pdf
Any other relevant information	No File Uploaded

#### 7.3.2 - Plan of action for the next academic year

- 1. To conduct External Audit
- 2. Submission of NAAC Self Study Report in the stipulated time
- 3. Establishment of IPR cell
- 4. Celeberation of Golden Jubilee marked with several events from departments and college
- 5. To enhancestudent participation in curricular, co-curricular and extra curricular activities
- 6. Strengthening of infrastructure facility
- 7. Eat to Beat Implementation of Healthy food items in canteen and to avoid processed food