

IQAC External Meeting 25.05.2021

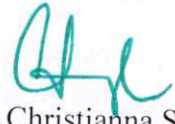
Action Taken report for the External Meeting held on 08.02.2021

S.No.	Activities	Responsibility	Action taken
1	Feedback from students regarding online classes. Online delivery of content to students and other highlights on digital education to be included in the report.	Online Education Committee, CIT and DAA	Report Attached
2	Case study on placement details of final year students who graduated during lockdown to be conducted. NET coaching to be instituted as an exclusive training.	CGPC	• Required actions are yet to be undertaken • The available online course details and resources for UGC Net preparations were sent to the students periodically. But exclusive NET coaching is yet to be initiated
3	A committee comprising of external experts to be constituted to mentor the quality of research output. To build collaborations with institutions that support research and follow up to be done to ensure the efforts materialise. HCL, Madurai to be approached for research funds from their Corporate Social Responsibility Funds.	R&D	• Required actions are yet to be undertaken
4	Public awareness programs on the pandemic alleviation to be highlighted	Part V office	Planned the following alleviation for the academic year 2021-2022 and yet to be executed • Covid vaccination awareness programmes • Covid-19 helpline • Covid awareness program • Awareness programme on third wave of Covid-19 • Psychosocial skills – Covid • Awareness on prevention of Corona • Mass vaccination mela

			Covid-19 mega vaccination camp
5	LiFE's page on the college website to be rectified.	LiFE center	Required actions were carried out
6	CED to offer upgraded courses like Organic Farming, Value of Traditional Herbs and Food(Traditional Knowledge), App Designing, Contribution to Rubber Industry in Madurai, robotics, Rural BPO and other 21 st century future skills.	CED	Required actions were carried out and the report attached
7	LDC to become a zero waste campus by December 2021.	CES	Initiatives have been undertaken and the report is attached
8	Action taken report to be presented before the meeting of the IQAC.	IQAC	Required action was carried out



Dr. Priyatharsini Rajendran & Dr. R. Jeyakodeeswari,
IQAC Coordinators

Dr. Christianna Singh
Chairperson IQAC

Feedback & Highlights on Digital Education

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Feedback on Online Classes

Highlights on Digital Education

- A. Students Achievement
- B. Faculty Contribution
- C. LMS & Content Development
- D. Enrolments in Online courses in the Even semester (Jan-April-2021)
- E. Faculty Training

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Feedback from students regarding Online classes

Consolidated feedback from students about online teaching & Learning in the Odd Semester of 2020-2021 has been collected through CIT in a centralized manner and the report has been shared to the departments.

- Head of the Departments have discussed the course wise feedback with the respective course teachers.
- Appreciation and Suggestions for improvement has been given to the faculty members to enhance online teaching & Learning.

Feedback for the even semester of the Academic year 2020-2021 is being collected in May 2021.

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Overall Feedback

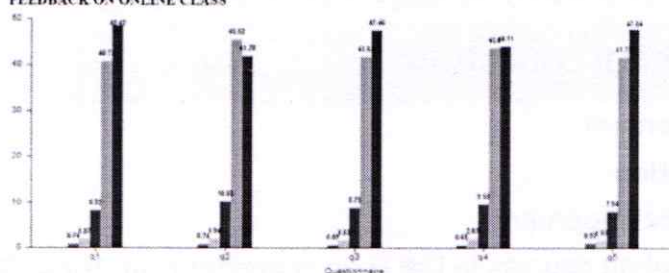
LADY DOAK COLLEGE, MADURAI

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Feedback Report - Online Class
2020-2021 - ODD SEMESTER

Total No. of Students: 15192
FEEDBACK ON ONLINE CLASS



S.No	Classroom	Strongly Disagree	Disagree	Not Sure	Agree	Strongly Agree
1.	Online content delivery was easy to understand	0.74	1.87	8.23	40.73	48.42
2.	Audio and Presentations were clear	0.74	1.94	10.03	44.52	41.76
3.	Could clarify doubts online and offline as well	0.49	1.52	8.79	41.64	47.46
4.	One to one connectivity was encouraging	0.68	2.03	9.58	43.6	44.11

Appreciation

- A meaningful way of learning in online mode
- Though we are studying in online we can understand the concept and content clearly.

Concerns for Improvement

- Online demo might have helped us better with the concepts.
- Online class is good but not very good
- Online class Audio and video can be improved

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Theory courses

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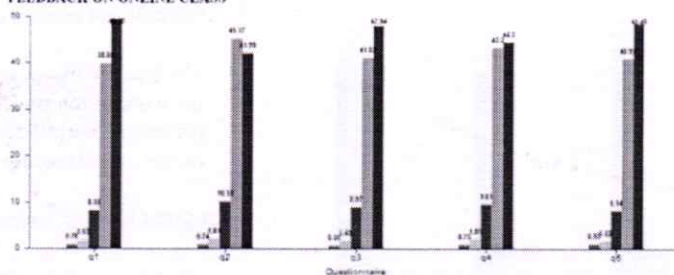
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Feedback Report - Online Class
2020-2021 - ODD SEMESTER

Theory

Total No. of Students: 12804

FEEDBACK ON ONLINE CLASS



S.No	Classroom	Strongly Disagree	Disagree	Not Sure	Agree	Strongly Agree
1	Online content delivery was easy to understand	0.76	1.83	8.15	39.89	49.35
2	Audio and Presentations were clear	0.74	1.91	10.18	45.17	41.99
3	Could clarify doubts online and offline as well	0.58	1.49	8.97	41.02	47.94
4	One to one connectivity was encouraging	0.73	1.95	9.61	43.2	44.5
5	Classroom activities enabled better understanding	0.93	1.52	8.14	40.92	48.49

Appreciation

- a meaningful way of learning in online mode
- talented staff to control and attracts the class even it is online

Concerns for Improvement

- We need more time for completing our test in online
- I think due to this online class teacher have the difficulty to take a special care on slow learners.

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Lab courses

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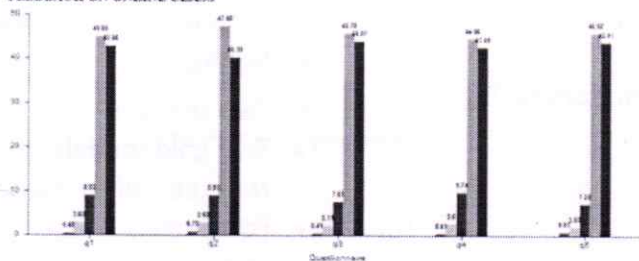
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Feedback Report - Online Class
2020-2021 - ODD SEMESTER

Lab

Total No. of Students: 1232

FEEDBACK ON ONLINE CLASS



S.No	Classroom	Strongly Disagree	Disagree	Not Sure	Agree	Strongly Agree
1	Online content delivery was easy to understand	0.49	2.68	8.93	45.05	42.86
2	Audio and Presentations were clear	0.73	2.68	8.93	47.48	40.18
3	Could clarify doubts online and offline as well	0.41	2.11	7.63	45.78	44.07
4	One to one connectivity was encouraging	0.41	2.6	9.74	44.56	42.69
5	Classroom activities enabled better understanding	0.81	2.03	7.22	46.02	43.91

Appreciation

- for lab session through online is very much useful and easy to understand clearly the coding
- Online classes was interesting....but due to some network issues we faced some problems...
- This lab course was easy even through online.

Concerns for Improvement

- Online demo might have helped us better with the concepts.
- Online class is uneasy for learning

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Lab cum Theory courses

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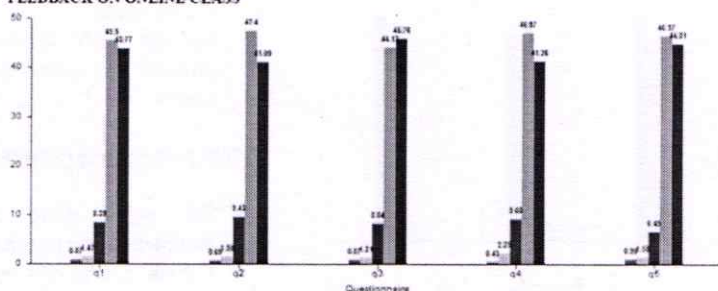
Feedback Report - Online Class

2020-2021 - ODD SEMESTER

Lab Cum Theory

Total No. of Students: 1156

FEEDBACK ON ONLINE CLASS



S.No	Classroom	Strongly Disagree	Disagree	Not Sure	Agree	Strongly Agree
1	Online content delivery was easy to understand	0.87	1.47	8.39	45.5	44.77
2	Audio and Presentations were clear	0.69	1.38	9.43	47.4	41.09
3	Could clarify doubts online and offline as well	0.87	1.21	8.04	44.12	45.76
4	One to one connectivity was encouraging	0.43	2.25	9.08	46.97	41.26
5	Classroom activities enabled better understanding	0.95	1.38	6.49	46.37	44.81

Appreciation

- Though we are studying in online we can understand the concept and content clearly.
- The teacher should explain the lab work to the students by presenting herself during the online class teaching

Concerns for Improvement

- Online class is not satisfied to compared with regular class
- Lab classes were difficult in online mode of teaching

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Highlights on Digital Education

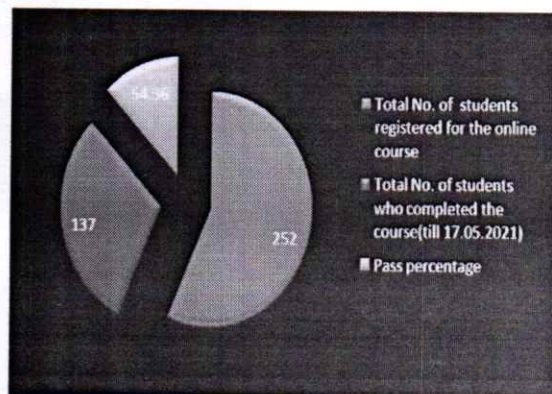
A) Students Achievement

SWAYAM NPTEL Initiatives at Lady Doak College	
SWAYAM-NPTEL	Details
- Received Active Local Chapter Credentials in January for the Jul-Dec semester participation and certification - Received Active SPOC certificate from NPTEL	Total number of 111 certifications earned including - Two toppers - Two gold medals - Nineteen silver medals - Forty-one Elite certifications and - Forty-nine successful completion.

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ITES Club IIT B Spoken Tutorial Report – 2020-2021

Details
• Total no. of registrations - 252 • Total No. of students who completed the course(till - 137 17.05.2021)



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Highlights on Digital Education B) Faculty contribution for Online course completion in NPTEL

Mentors	Departments
• Fifteen faculty members have served as Mentors for students for the NPTEL and online course in the Jul-Dec 2020. • Seven faculty members have received Mentor Certificates in January 2021 for guiding students towards completion of certificate	• Business Administration • Biotechnology • Chemistry • Commerce • Computer Science • Physics

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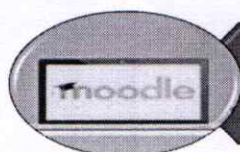
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Highlights on Digital Education

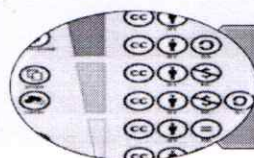
C) LMS & Content Development



Knowledge Repository
OEC, CCM, CIT & Library



Moodle installation & Training
CIT & OEC



Creating Licensed Digital Content
OEC & CCM

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Highlights on Digital Education

D) Enrolments in Online courses in the Even semester (January – April 2021)

S.No.	SWAYAM -NPTEL	Enrollments
1)	Enrolments in SWAYAM courses from across 15 departments in January - April 2021	1311
2)	- Enrolments in NPTEL courses - No of certifications for the first set of courses Exam yet to be conducted by NPTEL for the second set of courses	120 35

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Highlights on Digital Education

E) Faculty training

Period	Training	Outcome
January 2021 onwards	- Collection of OER materials for the Even semester courses - Faculty members have collected subject wise, unit wise Open Educational Resources for Online teaching in the Even semester	All Departments Creation of OER repository for Even semester
February 2021	- Training to OEC members on Creation of Licensed Digital Content" - Adding license and watermark to PPT, Images, Document, Audio and Video	- Tutorial prepared - Training will be given in departments to encourage faculty members to create and share licensed content within the college as first phase. In the second phase the content will be uploaded in the automation portal and Online repositories like OER Commons

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Period	Training	Outcome
March - April 2021	Faculty Development Program on "MOOC Design and Delivery" <u>Organised by</u> - OEC & CCM Topics covered - Content Development for MOOC - Four Quadrant Approach - MOOC Proposal writing - Instructional Strategies for MOOC <u>Resource person:</u> → Dr. T. Asir Assistant Professor & Head i/c Department of Mathematics – DDE Madurai Kamaraj University, Madurai → Dr. Anitha D., Assistant Professor in Data Science, Department of Applied Mathematics and Computational Science, Thiagarajar College of Engineering, Madurai	- Proposals for offering Online courses in SWAYAM platform are being developed and in the process of submission in Inflibnet portal No. of proposals-22 - Content development based on instructional models for Online Teaching & Learning

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Centre for Entrepreneurship Development

ACTION PROPOSED	ACTION TAKEN
CED to offer upgraded courses like Organic Farming, Value of Traditional Herbs and Food (Traditional Knowledge), App Designing, Contribution to Rubber Industry in Madurai, robotics, Rural BPO and other 21st century future skills.	15 New Vocational courses are introduced and 8 existing courses were revised. The courses are related to logo designing for branding, making of food products from millets, growing of small grains, organic landscaping and gardens, web designing, graphic designing, digital short film making, tourism management, designing and making of jute products etc.
	At the end of each course students interested in initiating their own enterprise will have prepared project plans.
	Interested students will undergo certified training in Tamil Nadu Agricultural University and TVS Lakshmi
	Ratified in the Academic Council on 29 th April 2021

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ASPIRING ENTREPRENEURS OF LDC - A PROPOSED ACTION PLAN

Proposed Plans for Student operated Units	Training/Action
1. Self grooming centre	Completion of vocational course on self grooming
2. Production and sale of organic self care products [Soaps, balms etc]	Training completed by 5 student interns at CED
3. Bee Farm	Training completed by 5 student interns at CED and project plan submitted
4. Production and sale of organic manure – vermicompost and herbal medicines	Completion of vocational course in vermin composting and kitchen gardening.
5. Food service centre	Completion of vocational course in bakery food products and millet foods at Tamilnadu Agricultural University, Madurai
6. Online/Offline sales platforms/promotional events	For students who need to sell products they are good at making and an online sales platform for small vendors – Action plan submitted
7. Train students to prepare project plans	Conduct a panel meet with entrepreneur for students to present their plans and seek mentorship/handholding – Incubation

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Honey production, Organic Self Care Products made by Students and a micro study with small vendors



24-08-2021

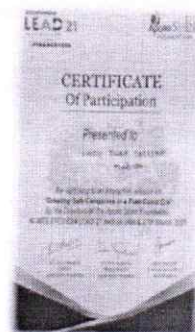
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Centre for Environmental Studies

Theme : Clean and Green Environment

Activities Proposed	Action Taken
STUDENT INTERN'S	Nine students were selected as interns' to work for the Swachh Action Plan themes Sanitation and Hygiene, Waste management, Water management, Energy management and Greenary under UBCHEA PANDEMIC RELIEF FUND in the month of March 2021
SANITATION AND HYGIENE (CAMPUS)	- Post Covid sanitation measures were taken based on the standard operating procedure given by the Government - Posters were designed to enhance safety measures of COVID-19 - Difficulties faced by the sanitary workers in the disposal of sanitary napkins was documented. In this regard, created awareness among the students about the proper disposal of sanitary napkins - Participated in WEEXPOINDIA LEAD '21, Signature Leadership Conclave towards "Creating Safe Campuses in a Post - Covid Era " on March 26 & 27 at Chennai Trade Centre



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Activities Proposed	Action Taken
WATER & WASTE MANAGEMENT	Institutional project title: PRODUCTION OF BIO-ENZYME FROM FOOD WASTE AND ITS IMPACT ON RECYCLED WATER: A PILOT STUDY IN LADY DOAK COLLEGE Bio-Enzyme produced from food waste water when treated with sewage treated water showed better result in the plant growth The usage of bio-enzyme removes the mal odor and also maintain the growth of plant Hence the study reveals that the production of Bio-Enzyme from food waste proves to be an efficient and environmentally safe technology for inexpensive decontamination of polluted system to face the environmental challenge which will be useful for our college to utilize the Sewage treatment plant water in an efficient way in turn managing the food waste in an efficient way Database Creation: Project in collaboration with the Computer Science Department "Module about eco initiatives taken by Centre for Environmental Studies under Green matter pedagogies " ❖ Database of tree count ❖ Eco – friendly initiatives by CES to maintain the college ecosystem ❖ GPS tracking

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Activities Proposed	Action Taken
WATER & WASTE MANAGEMENT	Chemistry students as a part of their LIFE have taken an initiative to analyze the physicochemical parameters of water samples and filtering the water using natural adsorbent in order to get purified water Finally, sensitized the community about the results of the water analysis and the quality of water which they use. They were also informed about the steps involved in preparing the charcoal from Banana flower petal and setting up the purification set up using bamboo sticks instead of plastics in order to be eco-friendly
ENERGY MANAGEMENT	- GHG emission calculation is in process which will be completed by June 2021 - With regard to ENV2202 NI - HUMAN ENVIRONMENT AND SOCIETY (Environmental elective Course) various activities have been conducted and the certificate on environmental justice and e-waste management is enclosed 

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Zero waste campus	- Department wise waste audit - In process - Extension of compost pit - In Kitchen and herbal garden, near canteen - Proposal for biogas plant in collaboration with Zoology Department - In Process
Workshops/ Webinar/ Guest lecture	- Conducted a guest lecture on "Strategies for prevention and conservation of Biodiversity" for the 1st UG Environmental elective students - 12.02.2021 - AMANZI 2k21 celebrated towards water day on 22.03.2021 with various activities to initiate awareness among the college community. In this regard, A small count of water was donated in a tank on the theme "I 'm in, my drop counts". Students and faculty were alarmed for each and every hour to be hydrated for maintaining their healthy life. In addition, this program includes dimensional range of activities such as Debate on the topic 'Technology can help avert water crisis in India', Photography on the theme 'Beauty of water in the campus' and Beautiful minds (Quiz). - ZERA '21 - Seed bank establishment in collaboration with the Botany Department on 26th March 2021 in order to protect plant biodiversity, and help with the regional adaptation of food plants

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