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Certificate & SWAYAM Courses Report

2023-24

BISHOP CHULAPARAMBIL MEMORIAL COLLEGE, KOTTAYAM

Annual Report on Certificate & SWAYAM Courses during the Academic Year 2023-2024

Introduction

During the academic year 2023-2024, significant emphasis was placed on integrating the courses offered through MOOC platforms like SWAYAM and NPTEL into the curriculum. This initiative aimed to enhance the educational experience by leveraging high-quality online courses provided by reputed institutions across India.

The primary objectives of integrating MOOCs were to:

1. Broaden the scope of learning beyond traditional classroom settings.
2. Provide flexible learning opportunities.
3. Enhance student's knowledge and skills in various subject areas.
4. Encourage self-paced and independent learning.

Implementation Strategy

To successfully integrate SWAYAM and NPTEL courses, the following strategies were implemented:

1. Awareness and Orientation

- Conducted orientation sessions to inform students about the benefits and process of enrolling in MOOC courses.
- Distributed informative materials and conducted workshops to help students navigate the SWAYAM and NPTEL platforms.

2. Course Selection and Enrollment

- A faculty from each department was selected as the coordinator and any information regarding the courses were informed to students via this coordinator.
- Department level faculty coordinator guided students in selecting courses relevant to their academic interests and career goals.
- Department level faculty coordinator ensured all students were enrolled in at least one MOOC course by the end of the academic year.

3. Special Hours Allocation

- Allocated specific hours in the weekly timetable dedicated to attending MOOC courses.

- Designated computer labs and classrooms with internet access for students to participate in online lectures and complete assignments.

4. Monitoring and Support

- Assigned department level faculty coordinators to monitor student progress and provide support.
- Organized periodic review meetings to address any challenges faced by students.

Certificate programs

<u>Department</u>	<u>Certificate programs offered</u>
Computer Science	Programming in Java
Sociology	Sociology of health and illness
Commerce	Cost Accounting
Statistics	Natural language processing
Botany	Wildlife Ecology
Zoology	Adolescence health and well being
History	History of India
English	Photojournalism
FACS	Adolescent nutrition
Chemistry	Basics of Inorganic Chemistry
Physics	Nuclear Astrophysics
MSW	Corporate social responsibility
Mathematics	Complex Analysis

Samples of Certificate



Elite
NPTEL Online Certification
(Funded by the MoE, Govt. of India)



This certificate is awarded to
MITRA VINDA S KUMAR
for successfully completing the course

Nuclear Astrophysics

with a consolidated score of **60** %

Online Assignments	20.63/25	Proctored Exam	39.75/75
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Total number of candidates certified in this course: 179

Jan-Mar 2024
(8 week course)

Prof. Kaushik Ghosh,
Professor (Chemistry)
Coordinator CEC

Prof. Ranjana Pathania,
Professor (BSBE)
Coordinator (NPTEL)


Indian Institute of Technology Roorkee



Roll No: NPTEL24PH11S548400390 To verify the certificate  No. of credits recommended: 2 or 3



NPTEL Online Certification
(Funded by the MoE, Govt. of India)



This certificate is awarded to
SREELAKSHMI SM
for successfully completing the course

Programming in Java

with a consolidated score of **55** %

Online Assignments	22.75/25	Proctored Exam	32.15/75
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Total number of candidates certified in this course: 11713

Jul-Oct 2023
(12 week course)

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS74S740100473 To verify the certificate  No. of credits recommended: 3 or 4



Student Performance

The integration of SWAYAM courses had a noticeable positive impact on student performance:

- **Enhanced Knowledge:** Students reported a deeper understanding of subjects due to the additional learning resources.
- **Improved Grades:** There was an average improvement of 10% in the grades of students who actively participated in SWAYAM courses.
- **Skill Development:** Courses on programming, data analysis, and soft skills contributed to improved job readiness.

Conclusion

The integration of SWAYAM courses into the academic curriculum has been a successful initiative, enriching the educational experience of students and providing them with valuable learning opportunities. The positive feedback from both students and faculty highlights the benefits of this initiative. Moving forward, efforts will be made to address the challenges faced and further enhance the support system for students engaging with SWAYAM courses.

Faculty Coordinators:

Dr. MAMATHA SUSAN PUNNOOSE, Assistant Professor, Department of Chemistry.

Mrs. RITTU SUSAN BABU, Assistant Professor, Department of Food Science and Quality Control.