



S.G.A. GOVERNMENT DEGREE COLLEGE (AUTONOMOUS)

(Re-accredited by NAAC with 'A' Grade, Affiliated to Andhra University)

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Report on Completion of MOOCs and EDEX Courses

Objective:

The primary objective of enrolling in MOOCs (Massive Open Online Courses) and EDEX courses was to enhance subject knowledge, develop new skills, and gain a deeper understanding of advanced topics beyond the regular academic curriculum. These courses provided an opportunity to learn from reputed institutions and experienced educators, making quality education more accessible and flexible.

Description:

MOOCs and EDEX courses covered a wide range of subjects, including physics, computational techniques, and interdisciplinary sciences. These online courses offered structured learning through video lectures, interactive assignments, quizzes, and discussion forums. Some courses also provided hands-on training using simulation tools and research-based projects, which helped in applying theoretical concepts to practical scenarios. The flexibility of learning at one's own pace allowed for a better grasp of complex topics, especially those relevant to higher studies and competitive exams like IIT JAM, CUCET, and PGCET. Certifications obtained from these courses added value to academic and professional profiles, making students more competitive in research and job opportunities.

Conclusion:

The successful completion of MOOCs and EDEX courses significantly contributed to academic growth and skill enhancement. These courses bridged gaps in traditional learning by offering a broader perspective on subject matter and fostering independent learning habits. The knowledge gained from these platforms will be instrumental in future studies, research, and career advancement. Overall, this experience has been enriching and has prepared students for a more technology-driven and research-oriented academic journey.

Verified Certificate

HarvardX

This is to certify that

P S JAGGARAO

successfully completed and received a passing grade in

LBTechX1: Technology Entrepreneurship: Lab to Market

a course of study offered by HarvardX, an online learning initiative of
Harvard University.



Karim Lakhani

Charles E. Wilson Professor of Business
Administration
Harvard University



Viswanathan Krishnan

Jacobs Family Chair in Management and Engineering
Leadership
University of California San Diego

Verified
Certificate

HarvardX


Dr. David Lee
Harvard University

This is to certify that

P S JAGGARAO

successfully completed and received a passing grade in

**MCB80.1x: Fundamentals of Neuroscience, Part
1: The Electrical Properties of the Neuron**

a course of study offered by HarvardX, an online learning
initiative of Harvard University.



Verified Certificate
Issued June 14, 2024

Valid Certificate ID
[79c773c7163ad476d4899d64e0d8e501c2](#)

**Verified
Certificate**

Stanford | ONLINE

This is to certify that

karumuri Venkanna

successfully completed and received a passing grade in

**EEX0001B: Quantum Mechanics for Scientists
and Engineers 2**

a course of study offered by StanfordOnline, an online
learning initiative of Stanford University.

David A. Miller

David Miller

W. M. Keck Foundation Professor
of Electrical Engineering
Professor, by courtesy, of Applied Physics
Stanford University



Verified Certificate
Issued June 16, 2024

Valid Certificate ID
2ab9f722fb574af0bbcd697c9942639b

Please note: some online courses may draw on material from courses taught on-campus but they are not equivalent to on-campus courses. This statement does not affirm that this participant was enrolled as a student at Stanford University in any way. It does not confer a Stanford University grade, course credit or degree.

**Verified
Certificate**



Aruna Kumar

Aruna Kumar
Associate Professor
National University of Singapore

This is to certify that

karumuri Venkanna

successfully completed and received a passing grade in

EMS001x: Semiconductors for Beginners

a course of study offered by NUS, an online learning
Initiative of The National University of Singapore.



Verified Certificate
Issued June 20, 2024

Valid Certificate ID
[5385f7a25ba54bc0a6846cb9ed737a](#)

Verified
Certificate



This is to certify that

karumuri Venkanna

successfully completed and received a passing grade in

AdvPHY1x: AP Physics 1

a course of study offered by RICEx, an online learning
Initiative of Rice University.

Jason Hartner
Professor of Physics, Astronomy and Chemistry
Rice University

Gail Hovell
Online Course Developer and AP Physics Teacher Educator
Rice University

Matt Wilson
AP Physics Teacher
Rice University

Caroline Lemond
Vice Provost for Interdisciplinary Initiatives and Digital
Education
Rice University



Verified Certificate
Issued June 19, 2024

Valid Certificate ID
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Verified
Certificate



UNIVERSITAT
POLITÈCNICA
DE VALÈNCIA

Dra. Constanza Rubio Michelena
Profesora Titular, Departamento de Física Aplicada
Universitat Politècnica de València

This is to certify that

karumuri Venkanna

successfully completed and received a passing grade in

**FFI101.2x_EN: Physics Fundamentals:
Electromagnetics**

a course of study offered by UPValenciaX, an online
learning initiative of Universitat Politècnica de València.



Verified Certificate
Issued June 19, 2024

Valid Certificate ID
[c488d5f85cc4b4fca7758d31b07](#)