



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)

Accredited "A" Grade by NAAC | 12B Status by UGC | Approved by AICTE

www.sathyabama.ac.in



4 Courses

Six Sigma Principles

Six Sigma Tools for Define and Measure

Six Sigma Tools for Analyze

Six Sigma Tools for Improve and Control



May 30, 2020

Prakash Subramaniam

has successfully completed the online, non-credit Specialization

Six Sigma Yellow Belt

This specialization is for you if you are looking to learn more about Six Sigma or refresh your knowledge of the basic components of Six Sigma and Lean. Six Sigma skills are widely sought by employers both nationally and internationally. These skills have been proven to help improve business processes, performance, and quality assurance. In this specialization, you will learn proven principles and tools specific to six sigma and lean.

The online specialization named in this certificate may draw on material from courses taught on-campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at this university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

Gregory L. Wiles, Ph.D.,
P.E.
Interim Chair and
Assistant Professor
Department of Systems
& Industrial Engineering
Southern Polytechnic
College of Engineering
and Engineering
Technology
Kennesaw State
University

Bill Bailey, PhD
Assistant Professor
Southern Polytechnic
College of Engineering
and Engineering
Technology
Kennesaw State
University

Dr. David Cook
Assistant Professor of
Mechanical Engineering
Technology
Department of
Mechanical Engineering
Technology
Kennesaw State
University

Christina R. Scherrer,
PhD
Professor
Southern Polytechnic
College of Engineering
and Engineering
Technology
Kennesaw State
University

Verify this certificate at:
coursera.org/verify/specialization/BWGJ76K44V6T



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May 30, 2020

Prakash Subramaniam

has successfully completed

Six Sigma Tools for Analyze

an online non-credit course authorized by University System of Georgia and offered through Coursera

Bill Bailey, PhD; Gregory L. Wiles, Ph.D., P.E.; Dr. David Cook; Christina R. Scherrer, PhD
Assistant Professor; Interim Chair and Assistant Professor; Assistant Professor of Mechanical Engineering Technology;
Professor
Southern Polytechnic College of Engineering and Engineering Technology
Kennesaw State University

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Verify at coursera.org/verify/PDSDDSVSBCA5

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May 27, 2020

Prakash Subramaniam

has successfully completed

Six Sigma Tools for Improve and Control

an online non-credit course authorized by University System of Georgia and offered through Coursera

Bill Bailey, PhD; Gregory L. Wiles, Ph.D., P.E.; Dr. David Cook; Christina R. Scherrer, PhD
Assistant Professor; Interim Chair and Assistant Professor; Assistant Professor of Mechanical Engineering Technology;
Professor
Southern Polytechnic College of Engineering and Engineering Technology
Kennesaw State University

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May 25, 2020

Prakash Subramaniam

has successfully completed

Six Sigma Tools for Define and Measure

an online non-credit course authorized by University System of Georgia and offered through Coursera

Bill Bailey, PhD; Gregory L. Wiles, Ph.D., P.E.; Dr. David Cook; Christina R. Scherrer, PhD
Assistant Professor, Interim Chair and Assistant Professor, Assistant Professor of Mechanical Engineering Technology;
Professor
Southern Polytechnic College of Engineering and Engineering Technology
Kennesaw State University

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May 10, 2020

Prakash Subramaniam

has successfully completed

Understanding Research Methods

an online non-credit course authorized by University of London and SOAS University of London and offered through Coursera

Dr. J. Simon Rofe, SOAS, University of London
Dr. Yenn Lee, SOAS, University of London

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POSTECH POHANG UNIVERSITY OF
SCIENCE AND TECHNOLOGY

May 10, 2020

Prakash Subramaniam

has successfully completed

Ferrous Technology II

an online non-credit course authorized by Pohang University of Science and Technology
and offered through Coursera

Sung-Mo Jung, Sung-Joon Kim, Youn-Bae Kang, Dong Woo Suh, Nack Joeri Kim

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The State University
of New York

Apr 30, 2020

Prakash Subramaniam

has successfully completed

**Roadmap to Success in Digital Manufacturing &
Design**

an online non-credit course authorized by University at Buffalo, The State University of
New York and offered through Coursera

Amy Moore, MBA
Program Manager
School of Engineering and Applied Sciences
University at Buffalo

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The State University
of New York

Apr 27, 2020

Prakash Subramaniam

has successfully completed

MBSE: Model-Based Systems Engineering

an online non-credit course authorized by University at Buffalo, The State University of New York and offered through Coursera

Ken English
Deputy Director
Sustainable Manufacturing and Advanced Robotic Technologies Community of Excellence at the University at Buffalo

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The State University
of New York

Apr 18, 2020

Prakash Subramaniam

has successfully completed

Advanced Manufacturing Process Analysis

an online non-credit course authorized by University at Buffalo and The State University of New York and offered through Coursera

Rahul Rai
Associate Professor
Mechanical and Aerospace Engineering

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INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of HRD Initiative)



MHRD'S
INNOVATION CELL
(GOVERNMENT OF INDIA)

This is to certify that

Dr./Mr./Ms. Dr. J. Lilly Mercy

of

Sathyabama Institute of Science and Technology

*has participated in the IIC Online Sessions conducted by Institution's
Innovation Council (IIC) of MHRD's Innovation Cell, New Delhi to promote
Innovation, IPR, Entrepreneurship, and Start-ups among HEIs from 28th
April to 22nd May 2020 during COVID-19 nationwide lockdown.*

Shri. Dipan Sahu
National Coordinator, IIC
MHRD's Innovation Cell

Dr. Mohit Gambhir
Innovation Director
MHRD's Innovation Cell

Dr. Abhay Jere
Chief Innovation Officer
MHRD's Innovation Cell

Certificate no : 14214
Date : 2020-07-07



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**The e-Sessions attended by the participant is listed in Annexure*



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INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of IIRI Initiative)



MHRD'S
INNOVATION CELL
(GOVERNMENT OF INDIA)

Annexure

List of e-Sessions Attended by the Participants as below

- 1 - Session 1: National Innovation and Startup Policy for Students and Faculty 2019 - A Guiding Framework for HEIs for Implementation
 - 2 - Session 3: Hangout with Emerging Innovator & Entrepreneurs Supported through MIC & AICTE
 - 3 - Session 4: Role of Network Enablers in driving I&E in HEIs - A Case of TIE, India
 - 4 - Session 5: Hangout with Successful Startup Founder
 - 5 - Session 6: Entrepreneurship, Business Idea and Business Model Canvas
 - 6 - Session 7: How to Identify Right Problem and Solution using the Double Diamond Approach in Design
 - 7 - Session 8: Intellectual Property (IP) Management at Early Stage of Innovation and Startups
 - 8 - Session 9: Understanding Angel and Venture Capital Funding - What is there for Early Stage innovator & Entrepreneurs
 - 9 - Session 10: Legal and Ethical Steps - Productive Entrepreneurship and Startup
 - 10 - Session 11: Innovating Self-Screen and Identify right opportunities
 - 11 - Session 12: Understanding Role and Application of Marketing Research at Idea to Start up Stage - Foundation Level
 - 12 - Session 13: Innovation Risk Diagnostic & Product Innovation Rubric(PTR)
 - 13 - Session 14: Idea, Entrepreneurship Opportunities, Business Model and Business Plan
 - 14 - Session 15: Use of Market Data and Application of Marketing Research Tools and Methodology - Increasing Chances of Survivality of Innovation and Venture - Advance Level
 - 15 - Session 16: Frugal Innovations and Social Entrepreneurship
 - 16 - Session 17: Interaction with Student Innovators and Entrepreneurs Emerged from Smart India Hackathon (SIH)
- Total no of sessions attended: 16

Certificate no : 14284
Date : 2020-07-07


Dr. Dipan Saha
National Coordinator, IIC
MHRD's Innovation Cell



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Georgia Institute of Technology

May 8, 2020

Lilly Mercy J

has successfully completed

Materials Data Sciences and Informatics

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera

Dr. Surya Kalidindi
Professor
Mechanical Engineering

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Apr 8, 2020

Lilly Mercy J

has successfully completed

The Data Scientist's Toolbox

an online non-credit course authorized by Johns Hopkins University and offered through Coursera

Jeff Leek, PhD; Roger Peng, PhD; Brian Caffo, PhD
Department of Biostatistics
Johns Hopkins Bloomberg School of Public Health

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This certificate does not affirm that this learner was enrolled as a student at Johns Hopkins University. It does not confer a JHU grade, course credit or degree; establish a relationship between this learner and JHU; enroll or register this learner at JHU or in any course offered by JHU; or entitle this learner to access or use resources beyond the online courses provided by Coursera.



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The State University
of New York

Jun 8, 2020

Lilly Mercy J

has successfully completed

Digital Thread: Components

an online non-credit course authorized by University at Buffalo and The State University
of New York and offered through Coursera

Ken English
Deputy Director
Sustainable Manufacturing and Advanced Robotic Technologies Community of Excellence at the University at Buffalo

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