PRASAD V. POTLURI SIDDHARTHA INSTITUTE OF TECHNOLOGY

Department of Computer Science & Engineering ASSIGNMENT -1 & 2

Course Outcomes Upon successful completion of the course, the student will be able to: CO1 Understand the basic concepts of Artificial Intelligence. L2 CO2 Apply the principles of AI in solutions that require problem solving, knowledge representation. L3 CO3 Apply Planning and Learning for solving AI problems. L3 CO4 Analyze a given problem and apply AI Techniques. L4

NAME OF THE CERTIFICATION:	Infosys Springboard	
STUDENT FULL NAME:	Syed Muhammad Afzal	
STUDENT REGISTRATION NUMBER:	22502А05Н5	
COURSE:	B. Tech	
YEAR / SEM / GROUP	III-I , G3	
COURSE NAME: Professional Elective Course - I	ARTIFICIAL INTELLIGENCE	
COURSE CODE:	20CS4501D	
ACADEMIC YEAR:	2024-25	
DATE OF SUBMISSION:		
SIGNATURE OF STUDENT:		
MARKS ALLOTED:	Assignment-1	Assignment-2
	/5	/5
NAME AND SIGNATURE OF COURSE COORDINATOR:	Mr. A. Prashant	

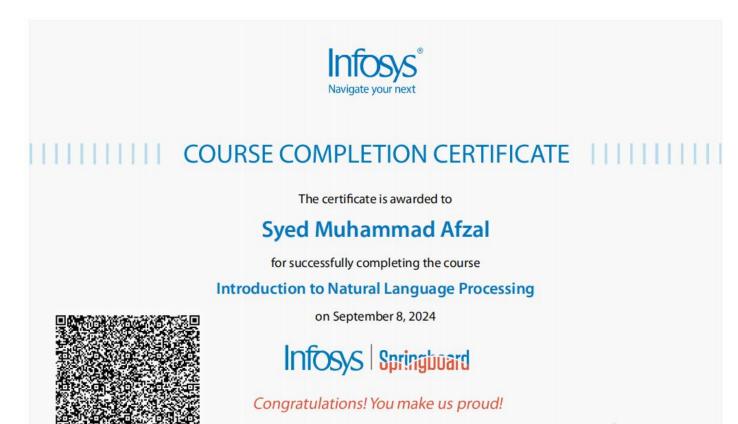
Learning Outcome

1. Introduction to Artificial Intelligence



This course provided a foundational understanding of Artificial Intelligence (AI) concepts, including machine learning, deep learning, and natural language processing. I learned about the applications of AI in various sectors and explored the ethical considerations surrounding this technology.

2. Introduction to Natural Language Processing (NLP)



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Executive Vice President and Global Hea

Executive Vice President and Global Head Education, Training & Assessment (ETA) Infosys Limited

This course equipped me with the basics of Natural Language Processing (NLP), a subfield of AI that allows computers to understand and process human language. I explored techniques for text analysis, sentiment analysis, and machine translation, gaining insights into how NLP is shaping communication technologies.

3. Introduction to Deep Learning



| | | | | | | | | COURSE COMPLETION CERTIFICATE | | | |

The certificate is awarded to

Syed Muhammad Afzal

for successfully completing the course

Introduction to Deep Learning

on September 7, 2024



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This course introduced me to the fundamentals of Deep Learning, a powerful branch of AI that utilizes artificial neural networks. I learned about popular deep learning architectures and explored their applications in areas like image recognition, natural language processing.

4. Introduction to Robotic Process Automation (RPA)



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Introduction to Robotic Process Automation

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This course provided an overview of Robotic Process Automation (RPA), a technology that automates repetitive tasks. I learned about the benefits of RPA for improving efficiency and reducing human error, gaining insights into its potential impact on various industries.

5. Computer Vision 101



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Computer Vision 101

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This course offered a foundation in Computer Vision, a field of AI that enables computers to extract information from digital images and videos. I explored image processing techniques, object detection, and facial recognition, understanding how computer vision is revolutionizing diverse applications.

6. Introduction to Data Science



| | | | | | | | | COURSE COMPLETION CERTIFICATE | | | | | |

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Introduction to Data Science

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This course introduced me to the core concepts of Data Science, a field that uses data analysis and modeling to extract valuable insights from data. I learned about data collection, data cleaning, data visualization, and predictive modeling techniques, gaining a basic understanding of the data science workflow.



The certificate is awarded to

Syed Muhammad Afzal

for successfully completing

Artificial Intelligence Foundation Certification

on September 10, 2024



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Artificial Intelligence Primer Certification



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Artificial Intelligence Primer Certification

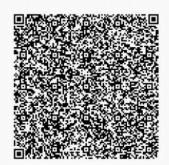
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