



I, Parveen Kumari, an Assistant Professor at **Dronacharya College of Engineering** in the **AIML Department**, have authored a book on **Robotics Artificial Intelligence and Information Theory** by **Vikas Publishing House**.

This book delves into the realm of artificial intelligence, exploring its applications and impact on various industries. It also delves into the crucial topics of cybersecurity and ethical hacking, shedding light on the importance of safeguarding digital assets. Additionally, the book provides insights into Python programming, a versatile language widely used in AI development. Furthermore, it offers a comprehensive overview of robotics, covering the basics and advancements in this field. Overall, this book serves as a valuable resource


for individuals seeking knowledge in AI, cybersecurity, programming, and robotics.


CRC DATE	UNIVERSITY	COURSE	YEAR/SEMESTER	TITLE CODE	ISBN	Material Description (Short Text)	Print Edition	Paper Width	Edition Year	Text Size	Print Year	Language
28-Mar-24	BHARATHIAR UNIVERSITY	MSC PHYSICS	FIRST SEMESTER	Elective I	978-93-5674-804-0	ROBOTICS, ARTIFICIAL INTELLIGENCE AND INFORMATION THEORY	2023	35	2023	7X9.5	2023	ENGLISH

**M.Sc. (Physics)
Semester - I**


Elective - I


**Robotics, Artificial Intelligence
and Information Theory**






Centre for Distance and Online Education
(School of Distance Education)
BHARATHIAR UNIVERSITY
State University - Government of Tamil Nadu
Accredited A++ Grade with 3.63 CGPA by NAAC
Coimbatore - 641 046, Tamil Nadu, India
Website: b-u.ac.in / sde.b-u.ac.in





Centre for Distance and Online Education
(School of Distance Education)
Bharathiar University
State University - Government of Tamil Nadu
Coimbatore, Tamil Nadu - 641 046



**M.Sc. (Physics)
Semester - I**

Elective - I

**Robotics, Artificial Intelligence
and Information Theory**

M.Sc. (Physics)

Semester - I

Robotics, Artificial Intelligence and Information Theory

Authors:

Dr. Swati Bhargava, Associate Professor, JECRC University, Jaipur

Units: (1.1, 2.1, 6.1)

Ms. Parveen Kumari, Assistant Professor, Dronacharya College of Engineering, Khentawas, Farukhnagar, Pin 122506, Gurugram (Haryana)

Dr. Uma Rani, Associate Professor and Head, CSE Department, World College of Technology & Management, Farukhnagar, Gurugram

Ms. Smriti Dwivedi, Assistant Professor, DPG Institute of Technology & Management, Gurugram

Units: (1.1.1-1.2, 2.1.1-2.3.1, 3, 4, 6.1.1-6.1.3, 6.2, 6.3.1, 6.4, 7.1-7.5.1, 11.1.1, 11.4-11.8, 11.10, 11.12, 12.1, 13.1, 14, 15.1.1-15.4, 16.1-16.8)

Dr. Angajala Srinivasa Rao, Professor and Principal, Computer Science and Engineering, Nova College of Engineering & Technology, Ibrahimpatnam, Andhra Pradesh

Unit: (5)

Dr. Subburaj Ramasamy, Former Professor and Consultant, SRM University, Chennai

Units: (12.2-12.7, 13.2)

Vikas Publishing House, Units: (6.3, 8, 9, 10.1, 10.2, 10.3, 11.1, 11.2, 11.3, 11.9, 11.11, 15.1, 15.5, 16.9)