



3(d) Details of Book Authored /Edited Books/Books Chapter published

Annexure IV-G



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3, Institutional Area, Sector-5, Rohini, Delhi-110085

Book / Chapters Published for the Academic Session: 2025-26

S.No	Faculty Name	Book Publisher	Book Title	Topic of the Book / chapter	Weblink	DOI Number/ ISBN No.	Month and Year of publication	Author / Editor
1	Dr.Manju Arora	Gyan Vandana Publication	Mosaic Of Knowledge: A Crossroads of Disciplines	The Driving Force:AI Ethics & Research Synergies Impact on Knowlledge Economy	Hardcopy	ISBN:978-93-91865-48-1	Jul-25	chapter
2	Dr Madhu Chauhan	Bentham Science	Research on Engineering Applications in Multidisciplinary SectorsApplications in Multidisciplinary Sectors	Cyber Crime and Law: Awareness among Undergraduates	https://www.eureka-select.com/chapter/26991	ISBN: 979-8-89881-328-4	Jul-25	BOOK
3	Dr. Bhawna Galhotra	BP International	Language, Literature and Education Research Updates	Transforming STEM Education through Social-Emotional Learning and AI: Enhancing Engagement and Emotional Intelligence	https://stm2.bookpi.org/LLERU-V7/article/view/254	ISBN 978-81-990550-8-7 (Print) ISBN 978-81-990550-3-2 (eBook)	Jul-25	Chapter
4	Dr. Bhawna Galhotra	BP International	New Horizons of Science, Technology and Culture	Comparative Analysis of Amazon Web Services (AWS) Azure, and Google Cloud: Core Services , Market Strategy and Pricing Models	https://stm2.bookpi.org/NHSTC-V4/article/view/309	ISBN 978-81-990550-8-7 (Print) ISBN 978-81-990550-3-2 (eBook)	Jul-25	Chapter
5	Dr. Deepshikha Aggarwal	BP International	New Horizons of Science, Technology and Culture	Ethical Challenges in Cybersecurity , Data Privacy and IP in Supply Chain Managemet	https://doi.org/10.9734/bpi/nhstc/v4	ISBN 978-81-991703-2-2 (Print) ISBN 978-81-991703-5-3 (eBook)	Aug-25	Chapter
6	Dr. Deepti Sharma	BP International	New Horizons of Science, Technology and Culture	Ethical Challenges in Cybersecurity , Data Privacy and IP in Supply Chain Managemet	https://doi.org/10.9734/bpi/nhstc/v4	ISBN 978-81-991703-2-2 (Print) ISBN 978-81-991703-5-3 (eBook)	Aug-25	Chapter



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7	Dr. Archana B Saxena	BP International	New Horizons of Science, Technology and Culture	Ethical Challenges in Cybersecurity , Data Privacy and IP in Supply Chain Managemet	https://doi.org/10.9734/bpi/nhstc/v4	ISBN 978-81-991703-2-2 (Print) ISBN 978-81-991703-5-3 (eBook)	Aug-25	Chapter
8	Dr. Disha Grover	BP International	New Horizons of Science, Technology and Culture	Assessing OTT Platforms Efficacy Using Data Science and Data Mining Techniques	https://stm2.bookpi.org/NHSTC-V4/article/view/341	Print ISBN: 978-81-991703-2-2, eBook ISBN: 978-81-991703-5-3	Aug-25	Chapter
9	Dr. Shivani Vats	BP International	New Horizons of Science, Technology and Culture	Assessing OTT Platforms Efficacy Using Data Science and Data Mining Techniques	https://stm2.bookpi.org/NHSTC-V4/article/view/341	Print ISBN: 978-81-991703-2-2, eBook ISBN: 978-81-991703-5-3	Aug-25	Chapter
10	Dr. Shivani Vats	LPU Publication house	Technology and the Socio-Economic Upliftment of the SC Community in Punjab	Securing Digital Healthcare: The Role of AI and Cybersecurity in Uplifting the SC Community in Punjab	Hard Copy	ISBN - 978-93-90342-72-3	Nov-25	Chapter
11	Dr. Deepti Khanna	LPU Publication house	Technology and the Socio-Economic Upliftment of the SC Community in Punjab	Securing Digital Healthcare: The Role of AI and Cybersecurity in Uplifting the SC Community in Punjab	Hard Copy	ISBN - 978-93-90342-72-3	Nov-25	Chapter
12	Dr. Megha Mohan	IGI Global	Navigating the risks and rewards of ChatGPT	AI-Driven Influencer Marketing: Integrating Data Analytics and ChatGPT for Ethical Innovation	https://www.igi-global.com/chapter/ai-driven-influencer-marketing/390720	ISBN13: 9798337308777	Nov-25	Chapter
13	Shailender Kumar	DPS Publishing House,	The Foundation of Journalism and media: A Complete Handbook	Community Radio- Voice of Voiceless	Hard Copy	978-81-984531-2-9	Nov-25	Chapter

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14	Deepali Ratra	Gyan Vandana	Investment dynamics in Indian financial markets: Principles, instruments and strategies	Whole Book	https://www.flipkart.com/investment-dynamics-indian-financial-markets-principles-instruments-strategies/	ISBN-978-93-91865-43-6	Dec-25	Book
15	Dr. Vandana Raghava	BR Publications	A text book of economics and financial accounting	Whole book	https://books.google.co.in/books/about?id=Qii3EQAAQBAJ	ISBN:978-93-47231-08-7	Dec-25	Book
16	Dr. Deepti Sharma	Kindle Edition, Academic Press, Amazon	Crack IT Placements MCQ handbook for BCA and MCA	Whole Book	https://amzn.in/d/fYQqN5W	ISBN 978-93-5469-257-4	Dec-25	Book
17	Dr. Geeta Sharma	Amit Electrostat (Maharaja Agrasen Institute of Management studies)	Recrafting Business Strategies for a resilient Tomorrow	Future of Digital Marketing after COVID - 19	Hard Copy	ISBN - 987-93-341-1000-5	Dec-25	Chapter
18	Dr. Suman Singh	Maharaja AgrasenInstitute of Management Studies,PSP Institutional Area,Rohini,New Delhi	AI-Driven Digital Transformation for Sustainable Growth in India	Generative AI for Sustainability: Green Applications and Ethical Dilemmas	<u>Hardcopy</u>	ISBN:978-93-5773-376-2	Dec-25	chapter
19	Dr. Archana B Saxena	KDP (Kindle Direct Publishing)	Crack IT Placements MCQ Handbook by BCA and MCA	Whole Book	Online Book Available on Amazon Link:	ISBN 978-93-5469-257-4	Dec-25	Author



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20	Dr. Swaty Wadhwa	Alumni.in	EMERGING TECHNOLOGY & INNOVATION DIGITAL TRANSFORMATION WITH SUSTAINABLE DEVELOPMENT.	Customer Satisfaction towards Online Purchasing	https://doi.org/10.37497/alumni.inbook.s.1.c27	ISBN: 978-93-343-0172-4	2025	Chapter
21	Dr. Chetna Laroia	KDP (Kindle Direct Publishing)	Crack IT Placements MCQ Handbook by BCA and MCA	Whole Book	Online Book Available on Amazon Link:	ISBN: 978-93-5469-257-4	Dec-25	BOOK
22	Dr. Manjot Kaur Bhatia	KDP (Kindle Direct Publishing)	Crack IT Placements MCQ Handbook by BCA and MCA	Whole Book	Online Book Available on Amazon	ISBN: 978-93-5469-257-4	Dec-25	BOOK
23	Dr. Akanksha Upadhyay	KDP (Kindle Direct Publishing)	Crack IT Placements MCQ Handbook by BCA and MCA	Whole Book	Online Book Available on Amazon Link:	ISBN 978-93-5469-257-4	Dec-25	Book
24	Shailender Kumar	GS Publisher Distributors Delhi-110032.	DIGITAL WAVES: Transforming Journalism in the age of AI and Podcasts	PODCASTING-A DETAILED STUDY OF THE PODCASTING LANDSCAPE.	Hard Copy	ISBN : 978-93-7319-321-2	Dec-25	Chapter
25	Dr. Punam Agarwal	Elsevier	Women's Entrepreneurship and the Sustainable Development Goals	Women's entrepreneurship in achieving sustainable development exploring the research trajectories	doi.org/10.1016/B978-0-443-28802-9.00014-2	ISBN 978-81-990550-8-7 (Print)	Jan-26	Chapter
26	Dr. Madhu Chauhan	Scientific International Publishing House	Mastering Data science using Numpy and Pandas	Whole book	https://www.amazon.in/MASTERING-DATA-SCIENCE-USING-PYTHON/dp/B0DTPYV66R	978-93-6674-171-0	Jan-26	BOOK



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27	Dr. Sachin Saharwal	Taylor & Francis	Integrating Artificial Intelligence (ChatGPT) into Marketing, Economics, Business, and Finance	Let Have a Chat! A Conversation with Chat-GPT: Chatbots and Generative AI	https://appleacade micpress.com/integrating-artificial-intelligence-chatgpt-into-marketing-economic s-business-and-finance-/1564	Hard ISBN: 9781779640482 E-Book ISBN: 978-1-77964-049-9	Apr-26	Chapter
28	Dr. Shivani Wadhwa	Taran Publication.	Business Communication and Soft Skills	Whole Book	Hard Copy	ISBN: 978-93-47158-12-4	Apr-26	BOOK
29	Dr Madhu Chauhan	Authorspress	Introduction to Data Science	Whole book	https://www.amazon.in/dp/B0GXTZFMTW	ISBN:978-93-6095-871-8	Apr-26	Book
30	Dr Parminder Bajaj	Apple Academic Press (CRC Press, Taylor & Francis Group)	Integrating Artificial Intelligence (ChatGPT) in Marketing, Economics, Business, and Finance	Let's Have a Chat! A Conversation with ChatGPT: ChatBots & Generative AI	https://www.scopus.com/authid/detail.uri?authorId=57209527414	E-Book ISBN: 978-1-77964-049-9; DOI: 10.1201/9781779640499-18	Apr-26	
31	Dr. Ruchika Sharma	Book Published	Mathematical Foundations of Steganography: Recursive Algorithms for Digital Information Hiding	Published Sole book	https://www.amazon.in/Mathematical-Foundations-Steganography-Algorithms-Information/dp/9378258034	ISBN:978-9378258039	Apr-26	BOOK
32	Dr Madhu Chauhan	Taneesha Publishing	From Network to Smart Devices:Understanding IoT	Whole book	https://www.amazon.in/Networks-Smart-Devices-Understanding-IoT/dp/B0GXGYLFNH/ref=sr_1_1	ISBN:978-81-9986-256-2	Apr-26	BOOK



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33	Dr. Suman Singh	Scientific International Publishing House	AI in Cyber Security	Whole Book	https://sipinternationalpublishers.com/product-detail.php?PID=NDQ5Mw==	ISBN No.-978-93-7196-063-2	Apr-26	Book
34	Dr. Swaty Wadhwa	Alumni.in	Innovation, Technology and Sustainability	Emerging Technology & Innovation Digital Transformation with Sustainable Development	https://ebooksalumni.org/index.php/omp/catalog/book/1	ISBN-13 (15) 978-93-343-0172-4	May-26	Chapter
35	Dr. Punam Agarwal	Springer Nature	Business Diplomacy, Global Trade, and Economic Growth	The Role of Family-Friendly Policies in Enhancing Organizational Performance: Investigating the Mediating Effect of Work-Family Conflict	https://link.springer.com/chapter/10.1007/978-3-032-09791-0_12	ISBN:978-3-032-09791-0_12	May-26	Chapter
36	Dr. Praveen Arora	Springer Nature	Business Diplomacy, Global Trade, and Economic Growth	The Role of Family-Friendly Policies in Enhancing Organizational Performance: Investigating the Mediating Effect of Work-Family Conflict	https://link.springer.com/chapter/10.1007/978-3-032-09791-0_12	ISBN:978-3-032-09791-0_12	May-26	Chapter
37	Harpreet Kaur Rakhra	Authorspress	Literture, Philosophy and Psychology Interdisciplinary Narratives	Liberation and Well Being in Sikhism; An Integrated Spritual Framework	Hard Copy	978-93-6095-697-4 (ISBN)	May-26	
38	Harpreet Kaur Rakhra	Authorspress	Psychology in India: Integration of Traditional and Modern Approaches	Letting go and Moving Forward; The Science and Spirit of Forgiveness	Hard Copy	978-93-6095-956-2 (ISBN)	May-26	
39	Ritu Munjal	Nex Gen Publications	Minds, Machines, and Markets: Bridging AI, Computer Technology, Finance, and Humanity in the Digital Intelligence Era	HUMANIZING DIGITAL INTELLIGENCE IN A CONNECTED SOCIETY	Nex Gen Publication - Book Authors/Editors	ISBN: 978-81-69295-00-0	May-26	
40	Dr. Disha Grover	BP International	Language, Literature and Education	AI tools for Gamifying education to improve student engagement and knowledge retention	https://stm2.bookpi.org/LLERU-V11/article/view/1334	ISBN 978-81-69006-21-7 (Print)	Jun-26	Chapter



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41	Dr. Disha Grover	BP International	New Horizons of science, Technology and culture	The Role of AI in supporting managerial decision making	https://stm2.bookpi.org/NHSTC-V11/article/view/1350	ISBN 978-81-69006-30-9 (Print) ISBN 978-81-69006-28-6 (eBook)	Jun-26	Chapter
42	Dr. Disha Grover	BP International	New Horizons of science, Technology and culture	A Critical Review of Artificial Intelligence and Its Influence on Organisational Work Practices and Culture	https://stm2.bookpi.org/NHSTC-V11/article/view/1352	ISBN 978-81-69006-30-9 (Print) ISBN 978-81-69006-28-6 (eBook)	Jun-26	Chapter
43	Dr. Shivani Vats	BP International	New Horizons of science, Technology and culture	The Role of AI in supporting managerial decision making	https://stm2.bookpi.org/NHSTC-V11/article/view/1350	ISBN 978-81-69006-30-9 (Print) ISBN 978-81-69006-28-6 (eBook)	Jun-26	Chapter
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45	Dr. Deepti Sharma	BP International	New Horizons of science, Technology and culture	Machine learning - based detection of students at academic risk due to excessive AI tool usage	https://stm2.bookpi.org/NHSTC-V11/article/view/1351	ISBN 978-81-69006-30-9 (Print) ISBN 978-81-69006-28-6 (eBook)	Jun-26	Chapter



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46	Dr. Shivani Vats	BP International	New Horizons of science, Technology and culture	A Critical Review of Artificial Intelligence and Its Influence on Organisational Work Practices and Culture	https://stm2.bookpi.org/NHSTC-V11/article/view/1352	ISBN 978-81-69006-30-9 (Print) ISBN 978-81-69006-28-6 (eBook)	Jun-26	Chapter
47	Dr. Sachin Saharwal	IIP Iterative International Publishers	Emerging Paradigms in Entrepreneurship, Innovation, and Startups	A STUDY ON THE EFFECT OF INFORMATION TECHNOLOGY ON WORK- LIFE BALANCE AND EMPLOYEE'S HEALTH	https://www.doi.org/10.58532/nbennurNHHRB2P2C2	SSN: 3070-7617 (Online) E-ISBN: 978-93-7020-975-6	Jun-26	Chapter
48	Dr. Punam Agarwal	IIP Iterative International Publishers	Emerging Paradigms in Entrepreneurship, Innovation, and Startups	A STUDY ON THE EFFECT OF INFORMATION TECHNOLOGY ON WORK- LIFE BALANCE AND EMPLOYEE'S HEALTH	https://www.doi.org/10.58532/nbennurNHHRB2P2C2	SSN: 3070-7617 (Online) E-ISBN: 978-93-7020-975-6	Jun-26	Chapter
49	Dr A R Mishra	IGI Global Scientific Publishing	Boosting Literacy and Intercultural Competence Through Technology-Integrated Pedagogy	From Automation to Awareness: AI-enabled Pathways to Cultural Understanding in Higher Education	https://www.igi-global.com/book/boosting-literacy-intercultural-competence-through/395349	ISBN13: 9798337384245	Jun-26	Chapter

Mosaic of Knowledge

A Crossroads of Disciplines

Chief Editor

Prof. (Dr.) Urvesh Chaudhery

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Chapter 3

THE DRIVING FORCE: AI ETHICS AND RESEARCH SYNERGIES IMPACT ON KNOWLEDGE ECONOMY

Dr. Manju Arora

Associate Professor, Jagan Institute of Management Studies, Rohini, Delhi

Prof. (Dr.) Urvesh Chaudhery

Professor, Gitarattan International Business School, Delhi

INTRODUCTION

The rapid rise of Artificial Intelligence (AI) — a suite of technologies capable of performing tasks that traditionally require human intelligence, such as decision-making, pattern recognition, natural language understanding, and autonomous problem-solving.

the concept of the knowledge economy — an economic system where knowledge, information, and intellectual capabilities serve as the primary drivers of growth, wealth creation, and societal advancement. AI technologies, by processing massive volumes of information and generating new forms of knowledge, have become indispensable engines powering this modern economic paradigm.

Parallel to the ethical challenges posed by AI is the increasing importance of research synergies — collaborative, interdisciplinary, and often cross-sectoral partnerships that unite diverse expertise, resources, and perspectives to tackle complex, global challenges. In the age of AI, such synergies are no longer optional but essential.

The interplay between AI ethics and research synergies is therefore a critical dynamic shaping the knowledge economy. Ethical AI practices foster trust and accountability in research partnerships, enabling more effective and inclusive collaboration.

This chapter aims to explore this vital intersection, examining how AI ethics and research synergies collectively act as driving forces in the knowledge economy. It seeks to:

- Define the knowledge economy and articulate the transformative role of AI within it.
- Identify the principles and ethical challenges inherent in AI systems.
- Discuss how AI catalyzes multidisciplinary research synergies and why these are crucial in an interconnected, globalized world.
- Analyze the mutual reinforcement between ethical AI practices, collaborative research, and the health of the knowledge economy.

Research on Engineering Applications in Multidisciplinary Sectors (*Part 2*)[Back](#)[Book Details](#)

Cyber Crime and Law: Awareness among Undergraduates

Author(s): [Madhu Chauhan*](#), [Sushma Malik](#), [Geetali Banerji](#) and [Anamika Rana](#)**Pp:** 94-110 (17)**DOI:** [10.2174/9798898813277125010011](#)Buy Chapters **30**

* (Excluding Mailing and Handling)

Abstract

In the modern era, our heavy reliance on electronic technology has made safeguarding data from cyber threats a complex challenge. The primary objective of cyber attacks is to inflict financial harm upon businesses, contributing to the significant issue of cybercrime. This problem can be attributed, in part, to a lack of awareness or disregard among the general public. Specifically, undergraduate students, who are relatively new to the internet landscape, often lack knowledge about the various types of cyber attacks and the legal repercussions associated with them. To assess the awareness levels among young individuals, a survey was conducted among those aged 15-20 years. Additionally, this paper delves into different sections of cyber law and explores the realm of cyber ethics.

Keywords: [Cybercrime](#), [Cyberspace](#), [Cyber attack](#), [Cyber ethics](#).[Cite as](#)

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Language, Literature and Education: Research Updates Vol. 7

Transforming STEM Education through Social-Emotional Learning and AI: Enhancing Engagement and Emotional Intelligence

Review History

Published: 2025-07-30

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Issue: - Volume [Issue]

Bhavna Galhotra * 

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*Author to whom correspondence should be addressed.

Abstract

Social-emotional learning (SEL) plays a pivotal role in fostering engaged learning by enhancing students' emotional intelligence, which is essential for deep conceptual understanding and effective collaboration in STEM education. SEL is known to improve student outcomes but is rarely combined with STEM. This review highlights the role of SEL in Promoting Engaged Learning and Deep Conceptual Understanding in STEM education. The incorporation of artificial intelligence (AI) alongside social-emotional learning (SEL) can enhance student engagement and foster a more inclusive learning environment in STEM education. Integrating AI with SEL strategies not only supports diverse learning needs but also promotes equity, allowing all students to thrive in STEM fields. Moreover, by leveraging AI tools that align with SEL principles, educators can create personalised learning experiences

that cater to the emotional and academic needs of each student, thereby enhancing overall educational outcomes. This approach emphasises the importance of collaborative efforts among educators, policymakers, and technologists to ensure effective implementation and equitable access to AI-driven SEL strategies in STEM education. Addressing these challenges requires ongoing professional development for educators and a commitment to ethical practices that prioritise student well-being and equitable access to resources in AI-enhanced learning environments. This synergy of AI and SEL in STEM education underscores the need for comprehensive frameworks that prioritise both academic success and emotional well-being, ultimately preparing students for future challenges. Ultimately, a holistic approach that combines AI, SEL, and STEM education can significantly improve learning experiences and outcomes for all students, especially those from underrepresented backgrounds. This integration not only addresses the diverse needs of students but also helps bridge the achievement gaps prevalent in STEM education, especially for those with disabilities. This holistic strategy can empower students with disabilities, ensuring they receive the necessary support to excel in STEM fields and contribute to a more diverse workforce. Furthermore, it is essential to continuously evaluate the effectiveness of AI and SEL integration, adapting strategies based on feedback and emerging research to maximise their impact on student learning and inclusivity. This integration can lead to innovative teaching practices that not only enhance academic performance but also support the emotional development of students, fostering a more equitable educational landscape.

Keywords: Academic achievement, education, digital transformation, augmented reality, virtual reality, emotional learning

HOW TO CITE

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