

**1. Details of the Teacher/ Academic :**

<b>Name:</b>	Dr. Sudhansh Sharma
<b>Date of Birth</b>	03-July-1974
<b>Date of Joining in IGNOU :</b>	22-June-2012
<b>Current Designation :</b>	Associate Professor
<b>Pay Scale as on date :</b>	Pay Band – 13A; Basic - 135300.00
<b>Highest Educational Qualifications &amp; Discipline :</b>	Ph.D.(Physics), M.Tech(Computer Science), M.Sc.(Physics),MBA(Operations Management)

**2. Honour/Award/Fellowship/membership of Professional body/ Statutory body (internal/ external) received by the Teacher/ Academic:**

<b>Name of the recipient</b>	<b>Honour /Award/ Fellowship name/ membership of Professional body/ Statutory body</b>	<b>Agency name /Name of statutory body/ institution/ Apex body</b>	<b>Period</b>
Sudhansh Sharma	Guest of Honour at DONBOSCODELHICON 25, IV National Conference on “Empowering Young Minds: Bridging Technology, Business, and Innovation for a Sustainable Future”	Don Bosco Institute Of Technology, Okhla Road New Delhi (DBIT).	25 April 2025

**3. Books/Book Chapter:**

- Co-author/co-editor if any, title, place of publication, publisher, Year, page (no) s, ISBN No

<b>SNo.</b>	<b>Name of Author1/ Editor 1, &amp; Co- author (s) / Co-editor (s) (if any)</b>	<b>Title of chapter/book</b>	<b>Place of publication</b>	<b>Publisher</b>	<b>Year</b>	<b>Total Pages</b>	<b>ISBN No.</b>
1.	Sudhansh Sharma	Modeling Of Novel MOSFET Devices – Basics, Concepts, Methods	Germany - GmbH KG.	Published by Lambert Academic Publishing (Germany)	November 2012	196 pages	<b>ISBN-10:3659280917; ISBN-13:978-3659280917</b>
2.	Subodh Kesharwani Mohd. Sultan Omer Sudhansh Sharma	E-Commerce and Online Banking	New Delhi India	Manakin Press	2018	266 pages	<b>ISBN: 9789386221650</b>
3.	Sudhansh Sharma VenuGopal Khyatee	AI Enabled Digital Transformations	INDIA	Pratyaksh Medicare	2024	151 pages	<b>ISBN: 978-81-964493-3-9</b>

**4. Research Articles/Publications:**

SNo	Author/ Co-author (if any)	Title	Name of Journal	Volume	page no. (s)	Year	ISSN No
1	Sudhansh Sharma, Pawan Kumar	Optimizing Effective Channel Length to Minimize Short Channel Effects in Sub-50 nm Single/Double Gate SOI MOSFETs	Journal of Semiconductor Technology and Sciences (JSTS), IEEK Korea	VOL.8, NO.2,	170 - 177	June 2008	ISSN 1598-1657 (Print) ISSN 2233-4866(Online)
2	Sudhansh Sharma, Pawan Kumar	Non-Overlapped Single/Double Gate SOI/GOI MOSFET for Enhanced Short Channel Immunity	Journal of Semiconductor Technology and Sciences (JSTS), IEEK Korea	VOL 9, No.3	136-147	September 2009	ISSN 1598-1657 (Print) ISSN 2233-4866(Online)
3	Naveen Kumar, Sudhansh Sharma, Subodh Kesharwani, Durgansh Sharma	Interoperability Maneuver the Enterprise's Dimensions with ERP system	Global Journal of Enterprise Information Systems "(GJEIS)	VOL. 1, ISSUE 1	42-53	Jan-June-2009	iSSN(Online) 0975-1432 ISSN(Print) 0975-153X
4	Sudhansh Sharma, Durgansh Sharma	Cloud computing – Innovation for Cyber Infrastructure Utilization	Global Journal of Enterprise Information Systems "(GJEIS)	VOL.1 ISSUE 2	17-24	July-Dec 2009	iSSN(Online) 0975-1432 ISSN(Print) 0975-153X
5	Sudhansh Sharma, Durgansh Sharma	Software Testing: An Effective Tool for Software Quality Management	WISDOM : A National Journal of Management and I.T.	VOL 1 ISSUE 1	79-86	March 2009	ISSN 0975-2714
6	Sudhansh Sharma, Neetu Sharma, Durgansh Sharma	Compression – An Approach for Energy Conservation in Wireless Networks	Global Journal of Enterprise Information Systems "(GJEIS)	VOL.3 ISSUE 2	76-83	Apr-June 2011	iSSN(Online) 0975-1432 ISSN(Print) 0975-153X
7	Sudhansh Sharma, Neetu Sharma, Durgansh Sharma	Performance Measurement and Comparison of Lossless Compression Algorithm	Global Journal of Enterprise Information Systems "(GJEIS)	VOL. 3 ISSUE 4	5-11	OCT-DEC 2011	iSSN(Online) 0975-1432 ISSN(Print) 0975-153X
8	Sudhansh Sharma, Venu Gopal, Rachna Sharma, Neetu Sharma	A Study on Mobile Phones - Brand Switching Pattern among the College Students of Delhi-NCR	Global Journal of Enterprise Information Systems "(GJEIS)	Volume 4, Issue 2	45-49	July-Dec 2012	iSSN(Online) 0975-1432 ISSN(Print) 0975-153X
9	Sudhansh Sharma, Venu Gopal, Neetu Sharma	Factors Influencing the Mobile Phone Purchase - A Study on the College Students of Delhi NCR	Global Journal of Enterprise Information Systems "(GJEIS)	Volume 5, Issue 1	24-26	January-June 2013	iSSN(Online) 0975-1432 ISSN(Print) 0975-153X
10	Sudhansh Sharma	Graphs for Research	“Global Journal of Enterprise Information Systems ”(GJEIS),	Volume 7, Issue 1,	pg 59-61	Jan-Mar 2015	iSSN(Online) 0975-1432 ISSN(Print) 0975-153X
11	Ashok Kumar1, Amruta Shelar1, Jim Etheredge, Sandhya Prakash, Sudhansh Sharma and MP Mishra	Analytical Hierarchical Process Based System for Image Fusion	Signal & Image Processing : An International Journal (SIPIJ)	Vol. 6 No. 5	1-14	October 2015	ISSN(Online): 0976-710X ISSN(Print): 2229-3922
12	Naveen Kumar and Sudhansh Sharma	Survey Analysis on the usage and Impact of Whatsapp Messenger	Global Journal of Enterprise Information Systems "(GJEIS)	Volume 8 Issue 3	52-57	July-Sept 2016	iSSN(Online) 0975-1432 ISSN(Print) 0975-153X

13	Sudhansh Sharma	A Novel Approach for Video Encryption Based on FRFT-DWT with Shifting Wavelets	Global Journal of Enterprise Information Systems "(GJEIS)	Volume -11   Issue-2	Pg 22-27	Apr-June, 2019	iSSN(Online) 0975-1432 ISSN(Print) 0975-153X
14	Sudhansh Sharma Bhavya Sharma	Thresholding algorithms for Image segmentation Entropy based Comparison	Global Journal of Enterprise Information Systems "(GJEIS)	Volume -11   Issue-4	Pg 19-23	Oct-Dec, 2019	iSSN(Online) 0975-1432 ISSN(Print) 0975-153X REFREED (peer-reviewed) UGC-LISTED : 27981 (Till June 2019)
15	Sofia Goel Sudhansh Sharma	Advanced Data Imputation Techniques for Predicting Type 2 Diabetes using Machine Learning Pg4142-4149 Volume-9 Issue-2, December 2019	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	Volume e-9 Issue-2	Pg41-42-41-49	December 2019	ISSN: 2278-3075, REFREED (peer-reviewed) SCOPUS Indexed 2018-19
16	Sofia Goel Sudhansh Sharma	Machine Learning Based Diabetes Detection-A Comparative Study of Classifiers(मरीनलज्ञना इनेंगिनियरिंग डिविलपमेंट इन्डस्ट्रीज़ एंड एप्लिकेशन्स का एक तुलनात्मक अध्ययन)	VIGYAN PRAKASH	Vol.18 Issue No.3-4	Pg 6-17	July-Dec 2020	ISSN : 1549-523-X (UGC-CARE Listed Journal)
17	Sofia Goel, Sudhansh Sharma	Artificial Intelligence in Action – Against COVID- 19	Global Journal of Enterprise Information Systems "(GJEIS)	Volume e-12 Issue-2	Pg 73-80	April-June 2020	iSSN(Online) 0975-1432 ISSN(Print) 0975-153X
18	Sofia Goel, Sudhansh Sharma	A Multiheaded Convolution Neural Network for Blood Glucose Time Series Forecasting	Journal of Xi'an Shiyou University, Natural Science Edition	VOLUME 18 ISSUE 8	pg 603-607	August 2022	ISSN : 1673-064X
19	Sofia Goel, Sudhansh Sharma RC Tripathi	Predicting Diabetes using CNN for various activation functions: A comparative study	SMART 2021 10TH IEEE International Conference on System Modeling & Advancement in Research Trends.	Proceedings of SMART-2021, IEEE conference ID-52563	Pg 665-669	December 2021	ISBN-978-1-6654-3968-8

20	Sofia Goel, Sudhansh Sharma	A Comparative Study of Time Series Models for Blood Glucose Prediction.	ICIMMI2021 3rd International Conference in Information management and machine Intelligence <b>PublisherSpringer Singapore</b> <b>ICIMMI 2021</b>	Proceedings of the Third International Conference on Information Management and Machine Intelligence <b>ICIMMI 2021</b>	Pg- 81-91	December 2021	eBook ISBN978-981-19-2065-3 <a href="https://link.springer.com/book/10.1007/978-981-19-2065-3#toc">https://link.springer.com/book/10.1007/978-981-19-2065-3#toc</a>
21	Sudhansh Sharma Bhavya Sharma	Impact of IoT and 5G on the Business of Cyber Security	CYBERNOMICS	Volume -1   Issue-2	Pg 19-22	July 2019	E-ISSN: 2582-5755
22	Sudhansh Sharma	Cyber risks in Industry 4.0– Digital Supply Chain	CYBERNOMICS	Volume -1   Issue-5	Pg 17-19	October 2019	E-ISSN: 2582-5755
23	Sudhansh Sharma Bhavya Sharma	Emotional Artificial intelligence impact on facial expression-A phenomenon	CYBERNOMICS	Volume -1   Issue-6	Pg 15-17	November 2019	E-ISSN: 2582-5755
24	Sudhansh Sharma Bhavya Sharma	EDAS Based Selection of Machine Learning Algorithm for Diabetes Detection	SMART 2020 9TH IEEE International Conference on System Modeling & Advancement in Research Trends	Proceedings of SMART-2020, IEEE conference ID- 50582	Pg 246-250	December 2020	ISBN: 978-1-7281-8906-2
25	Dharmendra Kumar, Sudhansh Sharma, and Mangala Prasad Mishra,	” Multimodal Biometric Human Recognition System- A Convolution Neural Network Based Approach”	SMART 2022 11TH IEEE International Conference on System Modeling & Advancement in Research Trends, 16-17 December 2022	Proceedings of SMART-2020, IEEE conference ID-		December 2022	ISBN: 978-1-6654-8732-0 (Print)
26	Sudhansh Sharma, Venu Gopal	Metaverse in Indian Health Sector – A Regime Shift	International Journal of Convergence in Healthcare	Vol. 02, No. 02	Pg 38-42,	Jul-Dec 2022	ISSN 2583-2107 (Online Version).
27	Sofia Goel Sudhansh Sharma	A Novel Multiheaded Convolution Neural Network with Multilevel SVM Architecture for classification of Diabetes	IJFANS International Journal of Food and Nutritional Sciences	Volume 11,S Issue 3	Pg 2035 - 2049	Dec 2022	(UGC CARE Listed (Group -I)) ISSN PRINT 2319 1775 Online 2320 7876 Issue 3 Dec 2022

29	Sudhansh Sharma Ramesh yadav	Chat GPT – A Technological Remedy or Challenge for Education System	Global Journal of Enterprise Information Systems (GJEIS)	Vol. 14 No. 4 (2022):	Pg. 40-49	Oct-Dec 2022	ISSN 0975-153X
30	Dharmendra Kumar Sudhansh Sharma	Unimodal biometric identification system on Resnet-50 residual block in deep learning environment fused with serial fusion	Global Journal of Enterprise Information Systems (GJEIS)	vol. 15 no. 1 (2023):	Pg. 46-51	january-march 2023	ISSN 0975-153X
31	Dharmendra Kumar Sudhansh Sharma	Similarity Matching Score on Part of Speech (PoS) Multimodal Multifactor Authentication (MFA)	IJRAR - International Journal of Research and Analytical Reviews (IJRAR)	Volume.10, Issue 4	Pg. 73-85,	October 2023	E-ISS
32	Naveen Kumar, R. Priya, Sudhansh Sharma,	Deep Learning Based Early Detection of Gastrointestinal Disorders	Journal of Information Systems Engineering and Management	Vol. 10 No. 19s (2025)	Pg 235-246	Dec 2024	e-ISSN:2468-4376
33	Naveen Kumar, R. Priya, Sudhansh Sharma	Identifying precancerous gastrointestinal disorders through a deep neural network	International Journal of Gastrointestinal Intervention	Vol 14 Issue 6	Pg. 1-6	Accepted August 2025; Published Dec 2025	pISSN 2636-0004 eISSN 2636-0012
34	Pankaj Kumar and Sudhansh Sharma	Blockchain in Education: A Comprehensive Approach for Managing Academic Credit Transfer Systems	Global Journal of Enterprise Information Systems (GJEIS)	Volume 16   Issue 4	Pg 21-26	Oct-Dec 2024	ISSN 0975-153X
35	Sudhansh Sharma	Open Universities and Metaverse-Based Virtual Education: Transforming the Future of Learning	Global Journal of Enterprise Information Systems (GJEIS)	Volume 16   Issue 3	Pg 44-48	Jul-Sep 2024	ISSN 0975-153X
36	Jaidev Sharma, Ashok Kumar, Satish Chandra, Hari Om Vats, Sudhansh Sharma	Estimation of the Coronal Differential Rotation Using SDO/AIA 21.1 nm Observations	Solar Physics By Springer Nature - A Journal for Solar and Solar-Stellar Research and the Study of Solar-Terrestrial Physics	Volume 300, article number 159, (2025)	Pg 1-11	November 2025	Electronic ISSN 1573-093X  Print ISSN 0038-0938
37	Jaidev Sharma, Ashok Kumar, Hari Om Vats, Sudhansh Sharma	Temporal Variation in the Rotational Behavior of Bright and Dark Coronal Features Observed by SDO/AIA at 21.1 nm	Indian Journal of Physics By Springer Nature	Volume 99, Issue 14	Pg 25-36	December 2025	Electronic ISSN 0974-9845  Print ISSN 0973-1458

**5. Policy Documents Reports/ Mimeo:**

SNo.	Title	Institution/ Agency	Year
1.	Evaluation Scheme BCA (Revised)	IGNOU – SOCIS	2013-14
2.	Grade Card for BCA(Revised)	IGNOU – SOCIS	2013-14
3.	Evaluation Scheme of PHDCS	IGNOU – SOCIS	2016-18
4.	Grade Card for PHDCS	IGNOU – SOCIS	2016-18
5.	Evaluation Scheme of PGDCA_NEW	IGNOU – SOCIS	2020-22
6.	Grade Card for PGDCA_NEW	IGNOU – SOCIS	2020-22
7.	Programme Guide PGDCA_NEW	IGNOU – SOCIS	2020-22
8.	Revised BCA_NEW Programme Guide	IGNOU – SOCIS	2025-27
9.	Evaluation Scheme of Undergraduate Certificate in Computer Applications	IGNOU – SOCIS	2025-27
10.	Grade Card for Undergraduate Certificate in Computer Applications	IGNOU – SOCIS	2025-27
11.	Evaluation Scheme of Undergraduate Diploma in Computer Applications	IGNOU – SOCIS	2025-27
12.	Grade Card for Undergraduate Diploma in Computer Applications	IGNOU – SOCIS	2025-27
13.	Grade Card for BCA_NEW	IGNOU – SOCIS	2025-27

**6. MOOCs/ eSLMs/ eModules developed :**

SNo .	Author / Co- author (if any)	Title	Credits	Level	Host Portal: (SWAYAM/ NPTEL/ NMEICT/ ePG Pathshala/ Any Other)	Year	Web link
1.	Dr. Sudhansh Sharma	Certificate In Information Technology (CIT) CIT-001 Block 2, Unit 1 Video 1: Introduction to Problem Solving Video 2: Flowchart Video 3: Some Examples of Algorithms and Flowchart CIT-001 Block 2, Unit 2 Video 4: Writing C Program Video 5: Statements and Array in C Video 6: Some C Program Examples	4	CERIFICATE LEVEL	SWAYAM	2020-2021	

2.	Dr. Sudhansh Sharma	Bachelor of Commerce B.Com. - CBCS BCOS-183 Unit-16 Video-1 : Spread Concepts-I Video-2 : Spread Concepts-II Video-3 : Graphical Presentation of Data using Spreadsheet BCOS-183 Unit-17 Video-4 : Formulas & Functions – I Video-5 : Formulas & Functions - II Video-6 : Formulas & Functions - III Video-7 : Formulas & Functions - IV Video-8 : Formulas & Functions – V BCOS-183 Unit-19 Video-9 : Advance Options in Spreadsheets-I Video-10 : Advance Options in Spreadsheets-II Video-11 : Advance Options in Spreadsheets-III	4	UG LEVEL	SWAYAM	2020-21	
3		MMPM006 Marketing Research  Session 38- Online Based Marketing Research  Session 39- New Technology Usage in Marketing Research	4	PG LEVEL	SWAYAM	2024-25	
4	Dr. Sudhansh Sharma	BCS-012: (40 Videos) Basic Mathematics  BCS-012 (COURSE INTRO) INTRODUCTION TO ALGE DETERMINANTS-AN INTRO APPLICATIONS OF DETER MATRICES-AN INTRODUC SOLUTION OF A SYSTEM MATRICES OPERATIONS - I	4	UG LEVEL	SWAYAM	2024-25	

		MATRICES OPERATIONS - II			
		MATHEMATICAL INDUCTION			
		IMPORTANT CONCEPTS ALGEBRA - I			
		INTRODUCTION TO ALGEBRA - II			
		UNDERSTANDING SEQUENCE AND SERIES			
		NUMERICALS OF SEQUENCE AND SERIES			
		INTRODUCTION TO COMPLEX NUMBERS			
		COMPLEX NUMBERS - ADVANCE CONCEPTS			
		UNDERSTANDING EQUATIONS			
		EQUATIONS - ROOT FINDING			
		INEQUALITIES AN INTRODUCTION			
		SOLVING INEQUALITIES			
		IMPORTANT CONCEPTS ALGEBRA - II			
		CALCULUS-AN INTRODUCTION			
		LIMITS & CONTINUITY			
		DERIVATIVES OF FUNCTIONS-I			
		DERIVATIVES OF FUNCTIONS-II			
		SIMPLE APPLICATION OF DIFFERENTIAL CALCULUS-I			
		SIMPLE APPLICATION OF DIFFERENTIAL CALCULUS-II			
		INTEGRATION-AN INTRODUCTION			
		INTEGRATION-I			
		SIMPLE APPLICATION OF INTEGRAL CALCULUS			
		IMPORTANT CONCEPTS CALCULUS			
		VECTORS & 3-D GEOMETRY – AN INTRODUCTION			
		VECTORS-AN INTRODUCTION			
		VECTORS-I			
		VECTORS-II			
		VECTORS-III			
		THREE-DIMENSIONAL GEOMETRY-AN INTRODUCTION			
		THREE DIMENSIONAL GEOMETRY-I			
		LINEAR PROGRAMMING-AN INTRODUCTION			
		LINEAR PROGRAMMING MATHEMATICAL FORMULATION			
		IMPORTANT CONCEPTS OF THREE-DIMENSIONAL GEOMETRY & LINEAR PROGRAMMING			

**7. Presentation/Invited talk/Chair in National or International Seminar/Conference/ Workshops (Please do not mention if it is only participation without presentation)**

SNo.	Author / Co author (if any)	Title of presentation, /Talk/Lecture	Name Organizing institute	Conference	City	Date and Year
1	Sudhansh Sharma, Pawan Kumar	Gate–Underlap Double Gate GOI MOSFETs For Enhanced Short Channel Immunity	Jamia Millia Islamia, Delhi	XV International Workshop on the Physics of Semiconductor Devices 2009	DELHI	15-19 December 2009
2	Sudhansh Sharma, Durgansh Sharma	Intelligent Automatic Energy Meter Reading System and its Management using Mobile Agents in the Client Server Environment – An Analytical Approach	AMITY University, Noida Campus	National Conference on Emerging Trends in Software and Networking technologies(ETSNT'09)	NOIDA	17-18, April 2009
3	Sudhansh Sharma, Durgansh Sharma	Nanoscale MOS Device Design for Ultra Low Voltage Digital/Analog RF applications	Ajay Kumar Garg Engineering College, Ghaziabad, UP	IEEE-CSI Sponsored National Conference-Information Technology for Business Transformations-ITBT-2011	GHAZIABAD	04-05 November 2011
4	Sudhansh Sharma	Underlap Design for Suppressing Short Channel Effects in Germanium On Insulator MOSFETs	Indian Institute of Technology-Indore(IIT-Indore),	Engineering at Nanoscale: From Materials to Bio-sensors, Workshop 2012	INDORE	10 <sup>th</sup> -12 <sup>th</sup> December 2012.
5	Sudhansh Sharma	<i>Underlap S/D Design to Limit SCEs Effects in DG-SOI/DG-GOI Devices</i>	Maharaja Agrasen College, Delhi University,	National Conference on Emerging Trends in Computer Science and Information Systems (NCETCSIS-2015),UGC sponsored conference	DELHI	13 <sup>th</sup> -14 <sup>th</sup> March 2015
6	Rajneesh Kumar <sup>1</sup> , Sudhansh Sharma <sup>2</sup>	Image Segmentation using Fuzzy C-mean techniques	Bharati Vidyapeeth's Institute of Computer Applications and Management (BVICAM), New Delhi (INDIA)	11th INDIACOM; INDIACOM-2017; IEEE Conference ID: 40353; 2017 4th International Conference on "Computing for Sustainable Global Development	DELHI	01st - 03rd March, 2017

7	Sudhansh Sharma Bhavya Sharma	EDAS Based Selection of Machine Learning Algorithm for Diabetes detection	Teerthankar Mahaveer University- Moradabad (Online) SMART 2020 9TH IEEE International Conference on System Modeling & Advancement in Research Trends	Proceedings of SMART- 2020, IEEE conference ID-50582	Teerthankar Mahaveer University- Moradabad (Online)	December 2020
8	Sofia Goel Sudhansh Sharma	Predicting Diabetes using CNN for Various Activation Functions: A Comparative Study  Technical Session 11: Venue: CCSIT LT 2 (Paper Id: 9)	Teerthankar Mahaveer University- Moradabad (Online) SMART 2021 (IEEE Conference ID: 52563)  10TH IEEE International Conference on System Modeling & Advancement in Research Trends	Proceedings of SMART-2021 (IEEE Conference ID: 52563)	Teerthankar Mahaveer University- Moradabad (Online)	10-11 December 2021
9	Dharmendra Kumar Sudhansh Sharma	Multimodal Biometric Human Recognition System- A Convolution Neural Network based Approach  <b>Technical Session19:</b> Venue:CCSIT RoomNo3106 Paper Id: (166)	Teerthankar Mahaveer University- Moradabad (Online) SMART 2022 IEEE Conference ID: 55829,11th International Conference on System Modeling & Advancement in Research Trends,	Proceedings of SMART 2022 (IEEE Conference ID: 55829)	Teerthankar Mahaveer University- Moradabad (Online)	16th-17th, December, 2022
10	Sudhansh Sharma	Session No. 16: AI for Social Media	STRIDE-IGNOU STP - UGC Approved PDP (Online)	STP on Artificial Intelligence in ICT- Application in Education and Research”	STRIDE-IGNOU	21st Nov 2022 16:00-17:30hrs (90 minutes)
11	Sudhansh Sharma	Session no. 19: AI for Education and Research	STRIDE-IGNOU STP - UGC Approved PDP (Online)	STP on Artificial Intelligence in ICT- Application in Education and Research”	STRIDE-IGNOU	22st Nov 2022 14:15-15:45hrs (90 minutes)
12	Sudhansh Sharma	Session 20: Practice session for AI in Social Media, Education and Research	STRIDE-IGNOU STP - UGC Approved PDP (Online)	STP on Artificial Intelligence in ICT- Application in Education and Research”	STRIDE-IGNOU	22st Nov 2022 16:00-17:30hrs (90 minutes)
13	Sudhansh Sharma	Applied Machine Learning	Department of Applied Sciences in association with Women in STEM Club, The NorthCap University, Gurugram.	The International Conference on Recent Trends in Applied and Physical Sciences Using Machine Learning Techniques ICRT-2023	The NorthCap University, Gurugram	April 14, 2023 10.15AM - 11.15AM (60minutes)

14	Dharmendra Kumar Sudhansh Sharma	Automatic Voice Recognition Unimodal Identification System on Resnet-50 Architecture	organized jointly by London Metropolitan University, London, UK in association with the Karkonosze University of Applied Sciences, Jelenia Gora, Poland, Europe and Politécnico de Portalegre, Portugal, Europe & BPIT, GGSIPU,	4 th International Conference on Data Analytics and Management (ICDAM-2023)	BPIT GGSIPU, DELHI	24 June-2023 ~20 Minutes
15	Sudhansh Sharma	Document Preparation	organized by IQAC of Sri Guru Nanak Dev Khalsa College, Delhi University	Faculty Development Programme (Online) Training IT Skills of Group B & C Officials"	Guru Nanak Dev Khalsa College, Delhi University	05th July 2023 2:00 PM to 3:00 PM (60 minutes)
16	Sudhansh Sharma	Neural Networks and their Optimization	Mahatma Hansraj Faculty Development Centre -Malaviya Mission Centre (under the UGC Malaviya Mission Scheme) Hansraj College, and DayalSingh College University Of Delhi	Faculty Development Programme (Online) Recent Trends in Mathematical Sciences	Hansraj College, and DayalSingh College University Of Delhi	16th September, 2023 (1pm-2.30pm) (90 minutes)
17	Sudhansh Sharma	Role of Artificial Intelligence in Research	International Centre for Academics (ICA) Sinamangal-9, Kathmandu, Nepal	Guest Lecture Session for Students and Academic Counsellors, By ID, IGNOU	Sinamangal-9, Kathmandu, Nepal	March 22, 2025 (Sat), 4:00PM-5:00PM
18	Sudhansh Sharma	AI Tools for Research	STRIDE, IGNOU.	Refresher Programme in Research Methodology & Research Ethics(Multi-Disciplinary /Interdisciplinary)	STRIDE, IGNOU	SessionNo.S28, March25,2025 4:00PM-5:30PM
19	Sudhansh Sharma	Interactive e-Content Development (using Presentation Tools like Powerpoint)	STRIDE, IGNOU.	6 Days FDP: "Design & Development of e-Content for Online Learning and MOOCs" from 27th January - 1st February, 2025 (Through Online Mode)	STRIDE, IGNOU	Session 10 on 9 January, 2025 (Wednesday) 11:45-13:15 hrs
20	Sudhansh Sharma	Developing Professional Skills by Leveraging AI capabilities	Sirifort Institute of Management Studies, GGSIPU, Delhi.	Online Faculty Development Programme on "Developing Professional Skills by Leveraging AI Capabilities", to be held from 14th to 19th July 2025.	Sirifort Institute of Management Studies, GGSIPU, Delhi.	19-July-2025 (11.30AM to 1.00PM)
21	Sudhansh Sharma	Advanced IT tools and techniques	The Institute of Company Secretaries of India	Corporate Leadership Development Programme (CLDP)	The Institute of Company Secretaries of India, Manesar, Haryana	18-Dec-2025 (10AM-1PM) (2PM-5PM)

**SESSION CHAIR:**

- Contributed as Session Chair/Co-Session Chair at International conference on "SUSTAINABLE BUSINESS PRACTICES AND INNOVATIVE MODELS" held on 23,24,25 March 2023 at Christ (Deemed to be University) Delhi -NCR, India
- Contributed as one of the Judges in evaluation of projects at Innovation festival held on 26 March 2023, organized by National Science Centre (A unit of National Council of Science Museums) Ministry of Culture, Govt. Of India (a unit of NCSM under Government of India.), Pragati Maidan, New Delhi on 26th March 2023.
- Chair a Session on 22-Nov-2018 at 4th International conference –Next Generation Computing Technologies (NGCT2018) hosted by School of Computer Science, University of Petroleum and Energy Studies (UPES), Dehradun on 21-22 November 2018
- Chair a Session in "2nd International Conference on Recent Development in Computational and Information Technology" (ICRCCIT 2016), conducted on 26th & 27th February 2016 at SRM University, Delhi NCR Campus, India

**INVITED TALKS & TECHNICAL SESSIONS**

1. Delivered Talk on "Scope and Future of Artificial Intelligence", in the Workshop on Artificial Intelligence (AI) in virtual mode, organized by IGNOU Regional Centre Delhi-2 in association with its Learner Support centre (0731) PC Training Institute Ltd., on 30-June-2020
2. Delivered Sessions on "Innovative ways to Teach, Learn and Evaluate - Practical hands on Session" in the Faculty Development Programme at Hansraj College Delhi University, Supported by MHRD Under the Scheme Pandit Madam Mohan Malviya National Mission on Teachers and Teaching (PMMMNMTT), on 06-July-2019
3. Delivered a Session on "Affordable and Accessible Technologies for Delivering Video Lectures in Computer Science Programme" in One Day Seminar on Innovative Practices in IGNOU , organised by NCIDE on the occasion of World Creativity and Innovation Day, held on April 22, 2019
4. Delivered Talk on "Role of Artificial Intelligence in Cyber Security", in the Faculty Development Programme at Hansraj College Delhi University, Supported by MHRD Under the Scheme Pandit Madam Mohan Malviya National Mission on Teachers and Teaching (PMMMNMTT), on 22-December-2018
5. Delivered a session on "Learning Analytics", In the Refresher Programme on ICT in ODL for the Teachers and Academics of IGNOU from 18 July 16 to 10 August 16, jointly organized by STRIDE, SOCIS and RSDon 22- July-2016
6. Delivered session on Forms, Queries & Report generation in MS-Accessin the Workshop on "Simple Application Design using MS-Access"; Organized By IGNOU-SOCIS, Venue: Dr. S Radha Krishna Block, IGNOU on 21-22 March 2017
7. Delivered a Technical hands on session on "Data Analytics using MS-Excel" in the Workshop On "Recent Advances in Research Methodology&Data Analytical Tools"at Chanderprabhu Jain College of Higher studies & School of Law, Affiliated to Guru Gobind Singh Indraprastha University, Delhi on 14May2011
8. Delivered a Technical hands on session on "Data Analytics using MS-Excel" in the Faculty Development programme on "Contemporary Contours in Research Methodologies & Management Practices", at Maharaja Agrasen Institute of Management Studies, Affiliated to Guru Gobind Singh Indraprastha University, Delhi on 23- June-2011

**RESOURCE PERSON:**

1. Contributed as a Resource Person for the Course work of Ph.D. Students (July2021,22,23,24, batch- commerce and management disciplines together) of School of Management Studies(SOMS) , IGNOU, New Delhi
2. Contributed as a Resource Person for the Course work of Ph.D. Students (July2020,21,22,23,24, batch of School of Computers & Information Sciences (SOCIS), IGNOU, New Delhi
3. REVIEWER of the papers in the "3rd INTERNATIONAL CONFERENCE ON NETWORKS AND CRYPTOLOGY (NETCRYPT-2025)" An IEEE Conference Record Number 65877, organized by School of Computer and Systems

Sciences, Jawaharlal Nehru University, New Delhi, India from 29 May to 31 May, 2025.

- 4. REVIEWER of the papers in the 5th International Conference on Advancement in Electronics & Communication Engineering (AECE-2025).The conference, technically sponsored by IEEE, is being jointly organized by the Departments of Electronics & Communication Engineering and Computer Science & Engineering at Raj Kumar Goel Institute of Technology (RKGIT), Ghaziabad, during November 21st–22nd, 2025.
- 5. REVIEWER of the papers in The 14th International Conference on System Modeling & Advancement in Research Trends (SMART-2025) an IEEE conference with record #66937, organized on 14<sup>th</sup>-15<sup>th</sup> November 2025 by Faculty of Engineering Teerthanker Mahaveer University, Moradabad-India
- 6. Moderator for BCOS-183 by NTA, for Online Exam / QP Moderator for SOMS papers BCOS-183/184
- 7. Contributed as a Resource Person for the STP on “NEP 2020 - UGC Approved PDP on STP on Artificial Intelligence in ICT-Application in Education and Research” from 16-23 November 2022 and delivered one lecture to the participants on 21-Nov-2022 (4pm to 5.30pm) On the topic: Artificial Intelligence(AI) for Social Media.
- 8. Contributed as a Resource Person for the STP on “NEP 2020 - UGC Approved PDP on STP on Artificial Intelligence in ICT-Application in Education and Research” from 16-23 November 2022 and delivered one lecture to the participants on 22-Nov-2022 (2.15pm to 3.45pm) On the topic: Artificial Intelligence(AI) for Education and Research.
- 9. Contributed as a Resource Person for the STP on “NEP 2020 - UGC Approved PDP on STP on Artificial Intelligence in ICT-Application in Education and Research” from 16-23 November 2022 and delivered one lecture to the participants on 22-Nov-2022 (2.15pm to 3.45pm) On the topic: Practical Session for Artificial Intelligence(AI) in Social Media, Education and Research.
- 10. Contributed as a Resource Person for the Course work of Ph.D. Students (July2021 batch- commerce and management disciplines together) of School of Management Studies , IGNOU, New Delhi delivered three lectures on “Research Methodology” course Using - Excel on 11, 12 ,13 Oct 2022 from 10.30 am to 1pm
- 11. Contributed as a Resource Person for the Course work of Ph.D. Students (July2021 batch) of School of Computers and Information Sciences, IGNOU, New Delhi delivered 10 lectures on “Research Methodology” course.
- 12. Contributed as a Resource Person for the Course work of Ph.D. Students (July2021 batch) of School of Computers and Information Sciences, IGNOU, New Delhi delivered 5 lectures on “Data Mining” course.
- 13. Contributed as a Resource Person for the Course work of Ph.D. Students (July2021 batch) of School of Computers and Information Sciences, IGNOU, New Delhi delivered 5 lectures on “Machine Learning” course.
- 14. Confidential Activity of Question Bank Developer at National Testing Agency (NTA) on 31-March-2021 and 01- April-2021.
- 15. Resource person for the Course work of Ph.D./M.Phil. (Commerce) Scholars of SOMS, delivered two sessions (of 3 hours each)on Research Methodology on 06th and 7th August 2018
- 16. Resource person for the Course work of Ph.D./M.Phil. (Management) Scholars of SOMS, delivered two sessions (of 3 hours each) on Statistical Methods for Research on 06th and 27thJuly 2018 (Annexure – 22)
- 17. Resource person for the Session on RCS001(Research methodology),RCSE001(Advanced Operating Systems),RCSE008(Data Mining) for PHDCS students of 2017 batch, delivered from 07/09/17 to 18/10/17
- 18. Resource person for 3hrs Session (10am - 1pm) on 09-08-2017 for the Ph.D./M.Phil. (Commerce) Scholars of SOMS
- 19. Resource Person for PHDCS programme of SOCIS on 16th Jan 18, in the 9th Coordinators Meet of Overseas Study centres(OSC) organized by International Division from 15th to 17th Jan 18
- 20. Resource Person for “Introduction to Mobile Hardware”, IGNOU-COL video session on Diploma in Mobile App Development on 26-April-2019
- 21. Resource Person for “Mobile Operating System”, IGNOU-COL video session on Diploma in Mobile App Development on 26-April-2019
- 22. Orientation programme for academic counsellors of MCA/BCA/CIT programmes to be held on 21-22 October 2016 at Madurai.
- 23. Orientation programme for academic counsellors of MCA/BCA/CIT programmes to be held on 10-11 November 2016 at Ahmedabad
- 24. Orientation Programme for MCA/BCA/CIT Academic Counsellors (RC Delhi-1, Delhi2, Delhi-3, Noida) is

**DOSSIER**  
**TO BE FILLED BY TEACHER/ ACADEMIC**  
**(updated up to 31st August 2025)**

being organized by RC Delhi-1 on 9th and 10th September 2016 at Room No. 3, Convention Centre, IGNOU, MaidanGarhi, New Delhi- 110068.

25. Workshop for MCA & BCA Students “Development of Project Reports”, 11-April-2015 @ IGNOU Regional Centre - 1
26. Workshop for MCA & BCA Students “Development of Project Reports”, 18-April-2015 @ IGNOU Regional Centre -Noida
27. Orientation programme for IGNOU Academic Counsellors at Chennai Regional Centre, 19-20 February 2014
28. Orientation programme for IGNOU Academic Counsellors of BCA programme at IGNOU Delhi, 07-April 2013

**8. Consultancy assignment (if any):**

SNo.	Organization/ agency	Cost, title of consultancy	Duration

**9. Details of Institution/ Government/ Industry / own Institution Sponsored Research Projects (including Programme Evaluation) and Amount (Both completed and ongoing):**

SNo.	Agency	Amount	Duration with dates	Status i.e. ongoing/ completed

**10. Details of PhD and MPhil Scholars (including those awarded degree):**

SNo.	Name and enrolment no:	Year of registration	Year of completion/ award
1	Sofia Goel - 173103407	2017	Awarded – Feb 2024
2	Dharmendra Kumar - 173103421	2017	Awarded - June 2025
3	Pankaj Kumar - 210271200	2021	---
4	Shweta Rana - 231001942	2023	---
5	Mohita Dixit (Vishveshwarya Scheme)	2025	---
6	Chandni (PHDCS 2025 batch)	2025	---

**11. Details of Programmes/ Courses coordinated/ written/ edited/ translated if applicable):**

**a. Details of Programmes Coordinated:**

SNo.	Programme	Period
1	Bachelor of Computers Application – BCA(Revised)	01-July-2013 to 30-June-2014
2	Master of Computers Application – MCA (Revised)	01-July-2015 to 30-June-2016
3	Doctorate of Philosophy in Computer Science – PHDCS	01-July-2016 to 31-July-2018
4	B.Sc (Computer Science) – CBCS	01-August-2018 to 31-July-2019
5	Master of Computers Application – MCA_NEW	01-August-2019 to 31-July-2020
6	Post Graduate Diploma in Computer Applications-PGDCA_NEW	01-August-2020 to 31-July-2021
7	Post Graduate Diploma in Computer Applications-PGDCA_NEW	01-August-2020 to 30-Sep-2022
8	Certificate in Mobile Application Development CMAD	1st Oct 2022 to 30th Sep, 2023
9	Post Graduate Diploma in Computer Applications-PGDCA_NEW	1st Oct 2023 to 31-July, 2024
10	Bachelor of Computers Application – BCA_NEW	1st August 2025 – 31st July 2027

**b. Details of Courses coordinated:**

Sl. No.	Name of the Course taught/coordinated	Level (Undergraduate/ Postgraduate)
1	MCS-031 Design and Analysis of Algorithms (Cr-4) (Till 03-Oct-2022)	Postgraduate(MCA(Revised))
2	MCS-033 Advanced Discrete Mathematics (Cr-2)(From 20-Oct-2022)	Postgraduate(MCA(Revised))
3	MCS-052 Principles of Management and Information Systems (Cr-2) (From 20-Oct-2022)	Postgraduate(MCA(Revised))
4	MCS-053 Computer Graphics and Multimedia (Cr-4)(From July 2012)	Postgraduate(MCA(Revised))
5	MCSE 003 Artificial Intelligence and Knowledge Management (Cr-3) (Till 09-Feb-2023)	Postgraduate(MCA(Revised))
6	MCSE 004 Numerical and Statistical Computing (Cr-3) (Till 09-Feb-2023)	Postgraduate(MCA(Revised))
7	BCS-12 Basic Mathematics (Cr-4) (From July 2012)	Under Graduation (BCA(Revised))

8	ECO-1 Business Organization (co-coordinator SOMS) (Cr-4) (From 20-Feb-2023)	Under Graduation (BCA(Revised))
9	BCSL-022 Assembly Language Programming Lab. (Cr-1) (From 20-Oct-2022)	Under Graduation (BCA(Revised))
10	BCS-040 Statistical Techniques (Cr-4) (Till 03-Oct-2022)	Under Graduation (BCA(Revised))
11	BCSL-044 Statistical Techniques Lab (Cr-1) (From 20-Oct-2022)	Under Graduation (BCA(Revised))
12	BCSL-58 Computer Oriented Numerical Techniques Lab (Cr-1) (Till 03-Oct-2022)	Under Graduation (BCA(Revised))
13	MCS-201 Programming in C and Python (Cr-4) (From 23-Dec-2020)	Post Graduation (PGDCA-NEW)
14	MCSL-205 C and Python Lab (Cr-2) (From 23-Dec-2020)	Post Graduation (PGDCA-NEW)
15	MCS-212 Discrete Mathematics (Cr-4) (From 20-Oct-2022)	Post Graduation (MCA-NEW)
16	MCSL-216 DAA and Web Design Lab (Cr-2) (From 20-Oct-2022)	Post Graduation (MCA-NEW)
17	MCS-224 Artificial Intelligence and Machine Learning (Cr-4) (Till 03-Oct-2022)	Post Graduation (MCA-NEW)
18	MCS-227 Cloud Computing and IoT (Cr-4) (From 20-Oct-2022)	Post Graduation (MCA-NEW)
19	MCSL-228 AI and Machine Learning Lab (Cr-2) (Till 03-Oct-2022)	Post Graduation (MCA-NEW)
20	MCS-230 Digital Image Processing and Computer Vision (Cr-4) (Till 03-Oct-2022)	Post Graduation (MCA-NEW)
21	BCS-094 Programming using Python (Cr-2) (Coordinator July-2020 to 03-Oct-2022) (Co-Coordinator From – 03-Oct-2022)	Certificate (CMAD)
22	BCSL-091 Laboratory Course (Coordinator from 23-Dec-2020)	Certificate (CMAD)
23	CIT – 001 Fundamentals of Computer Systems (Co-Coordinator From – 09-Feb-2023)	Certificate (CIT)
24	CITL – 001 Lab course (Coordinator Mar 2019 to 09-Feb-2023) (Co-Coordinator From – 09-Feb-2023)	Certificate (CIT)
25	MCS-062 Introduction to Data Science (Coordinator from October-2023)	Post Graduation M.Sc.(Data Science)
26	MCSL-065 Data Science Lab (Co-Coordinator from October-2023)	Post Graduation M.Sc.(Data Science)
27	MCS-068 Predictive Data Analysis (Coordinator from October-2023)	Post Graduation M.Sc.(Data Science)
28	MCSL-070 Data Analysis Lab (Co-Coordinator from October-2023)	Post Graduation M.Sc.(Data Science)
29	MCS 085 Pattern Recognition (Co-Coordinator from Jan 2025)	Post Graduation M.Sc.(AI/ML)
30	MCSL-088 Digital Image Processing and Computer Vision Lab (Coordinator from Jan 2025)	Post Graduation M.Sc.(AI/ML)
31	RCS001 – Research Methodology 01-July-2017 – Till Date	Doctorate of Philosophy in Computer Science- PHDCS

c. **Details of Units written:**

SNo.	Programme	Course	Unit (print)	Written	Period
1	BACHELOR OF COMPUTERS APPLICATION BCA(REVISED) BCA(REVISED) BCA(REVISED) B.S.C. IN MEDICAL LABORATORY TECHNOLOGY (BMLT) CERTIFICATE IN TECHNOLOGY (CIT) MASTER OF ARTS (EDUCATION)/ POST GRADUATE DIPLOMA IN EDUCATIONAL TECHNOLOGY MASTER COMPUTER APPLICATIONS MCA(REVISED) MCA(REVISED) MCA(REVISED)	BCS041 Fundamentals of Computer Networks ISBN-978-81-266-6365-1	(Block 4) Unit1 Building SimpleComputer Network	Written	2012-13
		BCSL044: Statistical Techniques Lab ISBN-978-81-266-6407-8	(Block 1) Section 2: Correlation & Regression Section 3: ANOVA Section 5: Case Study – Sampling	Written	2013-14
		BCSL058 Computer Oriented Numerical Techniques Lab ISBN-978-81-266-6579-2	(Block 1) Section 2: Interpolation		2014-15
		BMLT programme to be offered by School of Health Sciences	(Block 4) Unit 3 EMAIL	Written	2014-15
		CITL-001 Laboratory Course ISBN-978-81-266-4062-1	(Block 1) Unit 2 Writing a Programme in C	Written	2008-09
		MES-032 Communication and Information Technology ISBN-978-81-266-3660-0	(Block 2) Unit 5 Technology and Educational Transactions		2008-09
				Written	
		MCS053: Computer Graphics & Multimedia ISBN-978-81-266-2823-0	(Block 1) Unit 1 Introduction to Computer Graphics	Written	2006-07
			Unit 2 Graphic Primitives	Written	2006-07
			Unit 3 2-D Viewing & Clipping	Written	2006-07
		MCS053: Computer Graphics & Multimedia ISBN-978-81-266-2797-4	(Block 2) Unit 1 : Curves & Surfaces	Written	2006-07
		MCS053: Computer Graphics & Multimedia ISBN-978-81-266-2798-1	(Block 4) Unit 1 : Computer Animation		2006-07

	MCA(REVISED)	MCSE004: Numerical and Statistical Computing ISBN-978-81-266-2898-8	(Block 1) Unit 1: Floating Point Arithmetic and Errors	Written	2006-07
	MCA(REVISED)	MCSE004: Numerical and Statistical Computing ISBN-978-81-266-2889-6	(Block 2) Unit 1: Interpolation	Written	2006-07
	MCA(REVISED)	MCSE004: Numerical and Statistical Computing ISBN-978-81-266-2865-0	(Block 3) Unit 1: Probability Distribution	Written	2006-07

1. MCS062(Introduction to Data Science) Block-1 Unit -3 of MSCDSA programme (2025)
2. MCS062(Introduction to Data Science) Block-3 Unit -9 of MSCDSA programme (2025)
3. MCS062(Introduction to Data Science) Block-4 Unit -11 of MSCDSA programme (2025)
4. MCS062(Introduction to Data Science) Block-4 Unit -12 of MSCDSA programme (2025)
5. MCSL065(Data Science Lab) Block-1 Section-1 of MSCDSA programme (2025)
6. MCSL065(Data Science Lab) Block-1 Section-2 of MSCDSA programme (2025)
7. MCSL070(Data Analysis Lab.) Block-1 Section-2 of course of MSCDSA programme (2025)
8. BMP-001: Business Research Block-2 (Data Collection & Sampling) Unit-8 - Sampling Design, pg.181-216, ISBN: 978-93-6106-963-5; February, 2025.
9. BMP-001: Business Research Block-3 (Data Analysis) Unit-11 - Formulation and Testing of Hypothesis, Pg 270-300, ISBN : 978-93-6106-963-5; February, 2025.
10. Diploma in Panchayat Level Administration and Development (DPLAD) Course-BPR-005 Basic Computer Literacy, Block-2: Basic Application of Computers, Unit-1: Introduction to MS Office.
11. Diploma in Panchayat Level Administration and Development (DPLAD) Course-BPR-005 Basic Computer Literacy, Block-2: Basic Application of Computers, Unit-4: Introduction to Spreadsheets.
12. Programme : MCA\_NEW, Course : MCS-224 Artificial Intelligence and Machine Learning ; BLOCK-1: Artificial Intelligence-Introduction; Unit-1: Introduction to Artificial Intelligence ISBN : Awaited ; Publisher : IGNOU- SOCIS; Egyankosh : <https://egyankosh.ac.in/handle/123456789/86439>
13. Programme : MCA\_NEW, Course : MCS-224 Artificial Intelligence and Machine Learning ; BLOCK-2: Artificial Intelligence-Knowledge Representation; Unit-5: First Order Logic; ISBN : Awaited ; Publisher : IGNOU-SOCIS; Egyankosh : <https://egyankosh.ac.in/handle/123456789/86445>
14. Programme : MCA\_NEW, Course : MCS-224 Artificial Intelligence and Machine Learning ; BLOCK-2: Artificial Intelligence-Knowledge Representation; Unit-6: Rule Based Systems and Other Formalism; ISBN : Awaited ; Publisher : IGNOU-SOCIS; Egyankosh : <https://egyankosh.ac.in/handle/123456789/86446>
15. Programme : MCA\_NEW, Course : MCS-224 Artificial Intelligence and Machine Learning ; BLOCK-2: Artificial Intelligence-Knowledge Representation; Unit-8: Fuzzy and Rough Set; ISBN : Awaited ; Publisher : IGNOU- SOCIS; Egyankosh : <https://egyankosh.ac.in/handle/123456789/86448>
16. Programme : MCA\_NEW, Course : MCS-224 Artificial Intelligence and Machine Learning ; BLOCK-3: Machine Learning-I; Unit-10: Classification ; ISBN : Awaited ; Publisher : IGNOU-SOCIS; Egyankosh : <https://egyankosh.ac.in/handle/123456789/86452>
17. Programme : MCA\_NEW, Course : MCS-224 Artificial Intelligence and Machine Learning ; BLOCK-4: Machine Learning-II; Unit-13: Feature Selection and Extraction ; ISBN : Awaited ; Publisher : IGNOU- SOCIS; Egyankosh : <https://egyankosh.ac.in/handle/123456789/86457>
18. Programme : MCA\_NEW, Course : MCSL-228 : Artificial Intelligence and Machine Learning Lab ; Section : Lab sessions on Artificial Intelligence and Lab Sessions on Machine Learning; ISBN : Awaited ; Publisher : IGNOU- SOCIS; Egyankosh : <https://egyankosh.ac.in/handle/123456789/85508>
19. Programme : MCA\_NEW, Course : MCSL-230 : Digital Image Processing and Computer Vision ; BLOCK-1: Digital Image Processing-I Unit-1: Introduction to Digital Image ; ISBN : Awaited ; Publisher : IGNOU-SOCIS; Egyankosh : <https://egyankosh.ac.in/handle/123456789/90211>
20. Programme: PGDCA\_NEW , Course : MCSL-205 C and Python Lab ; Section-2 PYTHON Programming Lab ; Year : November 2021; ISBN : 978-93-5568-130-0 ; Publisher : IGNOU-SOCIS; Egyankosh : <http://egyankosh.ac.in//handle/123456789/72735>

21. Programme: PGDCA\_NEW; Course : MCS-201 Programming in C and Python; Block-3 : UNIT-9 Introduction to PYTHON
  - a. Year: November 2021; ISBN: 978-93-5568-139-3; Publisher : IGNOU-SOCIS; Egyankosh :
   
<http://egyankosh.ac.in/handle/123456789/72722>
22. Programme: PGDCA\_NEW; Course : MCS-201 Programming in C and Python; Block-4 : UNIT-15 PYTHON Advance Concepts
  - a. Year: November 2021; ISBN: 978-93-5568-139-3; Publisher : IGNOU-SOCIS;
   
<http://egyankosh.ac.in/handle/123456789/72730>
23. Wrote Unit-16 – *Spreadsheet Concepts of BCOS-183(Computer Applications in Business) course of B.Com.(Under CBCS) programme of SOMS-IGNOU* 978-93-89969-73-3IGNOU(INDIA)2020
24. Wrote Unit-1 – *Introduction to Digital image of MMTE-003(Pattern recognition & Image Processing) course of M.Sc.(MACS) Programme of SOS-IGNOU*
25. Wrote Unit-10 – *Cyber Security of BCOS-184(E-Commerce) course of B.Com.(Under CBCS) programme of SOMS-IGNOU*
26. Developed Lab sessions for the BCSL091(Python Programming Lab) course of CMAD programme of SOCIS-IGNOU(INDIA)2021

**12. Training programmes designed and conducted, duration and dates**

SNo.	Programme	Dates	Place	Number of Participants
1	Workshop on “MATLAB As A Research Tool” Organized by SOCIS	04-05-Dec-12 (9.30AM to 5.30pm)	Computer Division Lab – IGNOU	40
2	Workshop on “Research Applications of MATLAB” Organized by SOCIS	23-24-Jan-13 (9.30AM to 5.30pm)	Computer Division Lab – IGNOU	40
3	Induction Programme for PHDCS 2017 batch Research Scholars	25 July 2017	Conference room of SOCIS	07
4	Course Work for PHDCS 2017 Batch Students	07-Sep-17 to 18-Oct-2017	Conference room of SOCIS	04
5	Coordinated an Invited Talk by Prof. A.Kranti from IIT-Indore (9.30am-10.20 am) on the topic “India Semiconductor Mission – A Transformative Journey for Viksit Bharat”	13-03-24 (9.30 AM-10.20AM)	Conference room, Dr. Radhakrishnan Block, Centre for Online Education (COE), IGNOU (Hybrid Mode)	More than 200
6	Coordinated a Panel Discussion on the topic “India Semiconductor Mission – A Transformative Journey for Viksit Bharat”	13-03-24 (11.30 AM-1.00PM)	Conference room, Dr. Radhakrishnan Block, Centre for Online Education (COE), IGNOU (Hybrid Mode)	More than 200
7	Building a Cyber Secure Academic Environment	25th October 2024 (11.00 AM-1.00PM)	Conference room, Dr. Radhakrishnan Block, Centre for Online Education (COE), IGNOU	40
8	KTS-2.0 Lecture-1:“Talking to AI: The Next Wave of Voice & Multimodal Technology”	March 12th , 2025, from 11:30 AM to 1:00 PM.	ONLINE	More than 200
9	AI-Summit			

**13. Details of Counselling sessions conducted:**

**a. Face to Face/Online Counselling at Study Center SC0769**

SNo .	Programme	Course	Place	Dates	Duration	Mode (Specify- Face to Face Radio counselling Teleconferencing Web conferencing Any Other)
<b>1</b>	MCA	CS-14 CS-15	SC0769	Aug 2003 – 2004	As per the IGNOU Norms(2hr- Counselling Session)	Face-To-Face
<b>2</b>	BCA	CS71 CS73	SC0769	August 2003 to 2005	As per the IGNOU Norms(2hr- Counselling Session)	Face-To-Face
<b>3</b>	MCA(REVISE D)	MCS053 MCSE003 MCSE004 MCSE011 MCS013 MCS033 MCS031 MCS052 MCS044	SC0769	SINCE-2005	As per the IGNOU Norms(2hr- Counselling Session)	Face To Face till 2019-20, there after Online Mode – Till Date
<b>4</b>	MCA_NEW	MCS224	SC0769	June-2022	As per the IGNOU Norms(2hr- Counselling Session)	Online Mode
<b>5</b>	MBA	MS07 MMPC00 5 MMPC00 8	SC0769	Since 2015	As per the IGNOU Norms(2hr- Counselling Session)	Face To Face till 2019-20, there after Online Mode – Till Date

**b. Teleconferencing**

<u>S.No.</u>	<u>Date</u>	<u>Time</u>	<u>Topic</u>	<u>Resource Person</u>
1	13-Jul-06	2.30pm-3.15pm	OPERATING SYSTEM	Dr.Sudhansh Sharma
2	14-Sep-06	2.30pm-3.15pm	Computer Oriented Numerical Techniques	Dr.Sudhansh Sharma
3	02-Mar-07	10am-11.20am	Computer Graphics – III	Dr.Sudhansh Sharma
4	02-Mar-07	11.30am-12.10pm	Numerical and Statistical Computing – III	Dr.Sudhansh Sharma
5	03-May-07	5pm-5.45pm	Computer Graphics - I	Dr.Sudhansh Sharma
6	03-May-07	6pm-6.45pm	Computer Graphics - II	Dr.Sudhansh Sharma
7	05-May-07	1pm-1.45pm	Numerical and Statistical Computing – I	Dr.Sudhansh Sharma
8	05-May-07	2:30pm-3:15pm	Numerical and Statistical Computing – II	Dr.Sudhansh Sharma
9	22-Sep-07	3:30pm-4:15pm	DBMS	Dr.Sudhansh Sharma
10	28-Oct-07	3:30pm-4:15pm	COMPUTER GRAPHICS- TRANSFORMATIONS	Dr.Sudhansh Sharma
11	26-Feb-08	7pm-7:45pm	COMPUTER ORGANIZATION(DIGITAL ELECTRONICS)	Dr.Sudhansh Sharma
12	29-Apr-08	7pm-7:45pm	AUTOMATAEORY	Dr.Sudhansh Sharma
13	02-Jan-13	11am-11:45am	Graphic Primitives:Line Generation	Dr.Sudhansh Sharma
14	07-Mar-13	12-12:45pm	COMPUTER GRAPHICS – Transformations	Dr.Sudhansh Sharma
15	28-Apr-13	1pm-1:45pm	Descriptive Statistics	Dr.Sudhansh Sharma
16	28-Apr-13	2:30pm-3:15pm	Probability Theory	Dr.Sudhansh Sharma
17	02-Jun-13	11am-11:45am	Discrete Mathematics&Its Applications	Dr.Sudhansh Sharma
18	16-Jul-13	2:30-3:15 pm	Probability & Probability Distributions	Dr.Sudhansh Sharma
19	23-Jul-13	11:00am-11:45am	Sampling & Sampling Distributions	Dr.Sudhansh Sharma
20	22-Aug-13	11am-11:45am	BCS 040-Statistical Techniques-I	Dr.Sudhansh Sharma
21	22-Aug-13	12-12:45pm	BCS 040-Statistical Techniques-II	Dr.Sudhansh Sharma
22	24-Aug-13	11am-11:45am	orientation programme bca 5th sem	Dr.Sudhansh Sharma

23	09-Oct-13	12:00 – 12:45pm	Probability Distributions-I	Dr.Sudhansh Sharma
24	18-Oct-13	3.30pm-4.15pm	MCS053 Computer Graphics(Curves & Surfaces)	Dr.Sudhansh Sharma
25	22-Oct-13	11:00-11:45am	Bcs040 Probability Distributions-II	Dr.Sudhansh Sharma
26	09-Nov-13	1:00pm-1:45pm	Probability Distributions-II	Dr.Sudhansh Sharma
27	22-Nov-13	2:30pm-3:15pm	Bcs040 Sampling Distribution & Estimation	Dr.Sudhansh Sharma
28	27-Nov-13	2:30pm-3:15pm	Bcs040 Tests Of Significance	Dr.Sudhansh Sharma
29	21-Jan-14	11am-11:45am	MCS053 - Introduction To Computer Graphics	Dr.Sudhansh Sharma
30	28-Jan-14	11am-11:45am	MCSE004: Error Analysis	Dr.Sudhansh Sharma
31	13-Feb-14	11am-11:45am	BCS040 : Statistical Inference	Dr.Sudhansh Sharma
32	27-Mar-14	11am-11:45am	MCSE004 Solution of Algebraic &Trancendental Equations	Dr.Sudhansh Sharma
33	29-May-14	12-12.45pm	MCSE004: Interpolation	Dr.Sudhansh Sharma
34	05-Aug-14	11am-11:45am	MCSE004: Solution of Linear Algebraic Equations	Dr.Sudhansh Sharma
35	08-Aug-18	4pm to 4.30pm	Statistical Techniques for Data Analysis	Dr.Sudhansh Sharma
36	24-Aug-18	4pm to 4.30pm	Statistical Techniques for Data Analysis(Part I)	Dr.Sudhansh Sharma
37	24-Sep-18	4pm to 4.30pm	Statistical Techniques for Data Analysis(Part II)	Dr.Sudhansh Sharma
38	30-Oct-18	4.30pm to 5pm	Capabilities Trends and Future of Public, Private and Hybrid Clouds	Dr.Sudhansh Sharma &Mr. VenuGopal
39	03-Jan-19	3pm to 3.30pm	Machine Learning and Cyber Security	Dr.Sudhansh Sharma
40	05-Feb-19	4pm to 4.30pm	Cryptography and its applications in Real World	Dr.Sudhansh Sharma&Dr. Arvind
41	25-Apr-19	3pm to 3.30pm	Mathematical Elements of Computer Graphics	Dr.Sudhansh Sharma
42	07-May-19	3.30pm to 4pm	Blockchain& E-Governance	Dr. Sudhansh Sharma & Mr. VenuGopal
43	22-July-19	3pm-3.30pm	Fundamentals of DBMS	Dr. Sudhansh Sharma
44	14-Aug-19	3pm-3.30pm	Computer Oriented Numerical Techniques	Dr. Sudhansh Sharma
45	26-Nov-19	3pm-3.30pm	Media & Technology	Dr. Sudhansh Sharma
46	28-Jan-20	3pm-3.30pm	Computer Graphics and Multimedia	Dr. Sudhansh Sharma
47	21-Feb-20	3pm-3.30pm	Discrete Mathematics and Its Applications	Dr. Sudhansh Sharma & Dr. Arvind
48	02-Feb-21	3pm-4pm	New MCA/New PGDCA Jan 2021	Prof VV Subrahmanyam/ Mr. Akshay Kumar/ Dr. Sudhansh Sharma
49	23-Feb-21	3.30pm-4pm	MCS-053 Understanding Graphic Primitives	Dr. Sudhansh Sharma

<b>50</b>	01-dec-23	4pm-4.30pm	Introduction to Artificial Intelligence and Machine Learning	Dr. Sudhansh Sharma
<b>51</b>	06-OCT-23	4.30pm-5pm	Discrete Mathematics-I	Dr. Sudhansh Sharma
<b>52</b>	27-FEB-24	3.30pm-4pm	Fundamentals of Cloud Computing and IoT	Dr. Sudhansh Sharma
<b>53</b>	12-MAR-24	4pm-4.30pm	Cloud Computing Deployment Models and Service Models	Dr. Sudhansh Sharma
<b>54</b>	30-MAY-24	4.30pm-5pm	Cloud Service Delivery Models and Cloud Architecture	Dr. Sudhansh Sharma
<b>55</b>	03-JUNE-2024	4.30pm-5pm	Resource Virtualization	Dr. Sudhansh Sharma
<b>56</b>	6th February 2025 Thursday	4.30pm-5pm	MEMORY SYSTEMS-I	Dr. Sudhansh Sharma
<b>57</b>	21 'February 2025 Thursday	4.30pm-5pm	MEMORY SYSTEMS-II	Dr. Sudhansh Sharma
<b>58</b>	6th March 2025 Friday	4.30pm-5pm	Software Evolution-I	Dr. Sudhansh Sharma
<b>59</b>	26th March 2025 Friday	4.30pm-5pm	Software Evolution-II	Dr. Sudhansh Sharma
<b>60</b>	3rd April 2025 Thursday	4.30pm-5pm	Computer Applications-I	Dr. Sudhansh Sharma
<b>61</b>	15 May 2025 Thursday	4.30pm-5pm	Computer Applications-II	Dr. Sudhansh Sharma
<b>62</b>	1st May 2025 Thursday	4.30pm-5pm	Web Application 2 – Part-I	Dr. Sudhansh Sharma
<b>63</b>	15th May 2025 Thursday	4.30pm-5pm	Web Application 2 – Part-II	Dr. Sudhansh Sharma
<b>64</b>	01-August-2025	4-4.30pm	DETERMINANTS-AN INTRODUCTION	Dr. Sudhansh Sharma

**c. Radio Counselling-IRC**

S.No.	Date	Time	Topic	Resource Person
1	29-Jan-08	5pm-6pm	DBMS	Dr. Sudhansh Sharma &Mr. MP Mishra
2	19-Feb-08	5pm-6pm	Object Oriented Technologies and Java Programming MCS 024	Dr. Sudhansh Sharma &Mr. MP Mishra
3	24-Feb-08	4pm-5pm	Importance of Mathematics in Computer Science	Dr. Sudhansh Sharma
4	16-Dec-08	5-6pm	DBMS	Dr. Sudhansh Sharma &Mr. MP Mishra
5	21-May-13	5pm-6pm	DESIGNING DATABASES	Dr. Sudhansh Sharma
6	27-Aug-13	5:30pm-6pm	DISCRETE MATHEMATICS	Dr. Sudhansh Sharma
7	10-Jun-14	5pm-6pm	DESIGNING DATABASES	Dr. Sudhansh Sharma
8	13-Jul-14	5pm-6pm	MCA & BCA PROJECTS	Dr. Sudhansh Sharma &Mr. MP Mishra
9	05-Aug-14	5pm-6pm	Introduction to Computer Graphics and Multimedia MCS053	Dr. Sudhansh Sharma
10	16-May-17	11Am to 12 Noon	Role Of Discrete Mathematics in Artificial Intelligence	Dr. Sudhansh Sharma
11	13-Jun-17	11Am to 12 Noon	How To Make proper MCA/BCA Project report	Dr. Sudhansh Sharma &Mr. MP Mishra
12	27-Jun-17	11Am to 12 Noon	Basic Concepts of Java Programming	Dr. Sudhansh Sharma &Mr. MP Mishra
13	19-Sep-17	11Am to 12 Noon	Design and Development of Project Synopsis for MCA/BCA students	Dr. Sudhansh Sharma & Mr. Akshay Kumar
14	12-Dec-17	11Am to 12 Noon	Significance of Discrete Mathematics in Artificial Intelligence	Dr. Sudhansh Sharma
15	23-Jan-18	11Am to 12 Noon	Stacks and Queues	Dr. Sudhansh Sharma &Dr. PV Suresh
16	08-May-18	11Am to 12 Noon	Development of Synopsis for MCA & BCA projects	Dr. Sudhansh Sharma
17	28-Aug-18	11Am to 12 Noon	Role of Mathematics in Computer Graphics	Dr. Sudhansh Sharma
18	09-Oct-18	11Am to 12 Noon	Current Tools Techniques and Trends in Artificial Intelligence	Dr. Sudhansh Sharma & Mr. VenuGopal
19	08-Jan-19	11Am to 12 Noon	Role of Artificial Intelligence in Cyber Security	Dr. Sudhansh Sharma
20	12-Feb-19	11Am to 12 Noon	Implications of Artificial Intelligence in Education	Dr. Sudhansh Sharma
21	23-Apr-19	11Am to 12 Noon	Mathematical Elements of Computer Graphics	Dr. Sudhansh Sharma
22	14-May-19	11Am to 12 Noon	How to Prepare for Examination of Computer Graphics and Multimedia	Dr. Sudhansh Sharma
23	13-Aug-19	11Am to 12 Noon	Numerical and Statistical Computing	Dr. Sudhansh Sharma & Dr. Arvind
24	11-Sep-19	11Am to 12 Noon	MCS-044 : Mini Project	Dr. Sudhansh Sharma &Mr. Akshay Kumar

25	17-Sep-19	4pm-5pm	Induction Programme for MCA/BCA/CIT with RSD	MCA,BCA,CIT Coordinators and RSD
26	26-Nov-19	11Am to 12 Noon	Health and Technology	Dr. Khyatee & Dr. Sudhansh Sharma
27	14-Jan-20	11Am to 12 Noon	Graphics and Multimedia	Dr. Sudhansh Sharma
28	09-Feb-21	11Am to 12 Noon	New MCA/New PGDCA January 2021	Prof. VVSubrahmanyam/ Mr. Akshay Kumar/ Dr. Sudhansh Sharma
29	26-Oct-21	11Am to 12 Noon	Parallel Computing -An Introduction	Dr. Sudhansh Sharma
30	23-Nov-21	11Am to 12 Noon	Introduction to Computer Graphics	Dr. Sudhansh Sharma
31	11-Jan-22	11Am to 12 Noon	Artificial Intelligence and Knowledge management	Dr. Sudhansh Sharma
32	22-Feb-22	11Am to 12 Noon	Introduction to OOAD	Dr. M. P. Mishra and Dr. Sudhansh Sharma
33	08-Mar-22	11Am to 12 Noon	Introduction to C & Python Programming	Dr. Sudhansh Sharma and Dr. Akshay Kumar
34	22-Mar-22	11Am to 12 Noon	Introduction to AI & ML	Dr. Sudhansh Sharma and Dr. Akshay Kumar
35	5-May-22	11:00 AM - 11:30AM	Introduction to AI & ML	Dr. Sudhansh Sharma
36	28-Jun-22	11Am to 12 Noon	Mathematics and Its Application in AI/ML	Dr. Sudhansh Sharma and Dr. Manish Kumar
37	27-Jul-22	11Am to 12 Noon	Introduction to Algorithm and Its Properties	Dr. Sudhansh Sharma and Dr. Manish Kumar
38	23-Aug-2022	11Am to 12 Noon	Digital Image Processing and Computer Vision - An Introduction Programme- MCA_NEW Course: MCS 230	Dr. Sudhansh Sharma
39	11-Oct-2022	11Am to 12 Noon	How to Choose a BCA/MCA Project? Course Code: BCSP- 064/MCSP-060/MCSP-232	Prof. S.S. Rawat & Dr. Sudhansh Sharma
41	27-Dec-2022	11Am to 12 Noon	Introduction to C And Python Programming	Dr. Sudhansh Sharma
42	14-Mar-2023	11Am to 12 Noon	Different System Modeling Techniques	Dr. Sudhansh Sharma
43	26-Sep-2023	11Am to 12 Noon	Discrete Mathematics	Dr. Sudhansh Sharma
44	10-Oct-2023	11Am to 12 Noon	Advanced Discrete Mathematics	Dr. Sudhansh Sharma
45	28-Nov-2023	11Am to 12 Noon	Fundamental of Programming in C And Python	Dr. Sudhansh Sharma
46	27-Feb-2024	11Am to 12 Noon	Cloud Computing And IoT	Dr. Sudhansh Sharma
47	16-03-2024	11Am to 12 Noon	Cloud Development Models, Services Models And Cloud Architect	Dr. Sudhansh Sharma
48	09-Apr-2024	11Am to 12 Noon	Linux Utilities And Editor	Prof. S.S. Rawat & Dr. Sudhansh Sharma
49	25-Nov-2025	11Am to 12 Noon	Information on a New Programme of SOCIS in ODL mode - Master Of Science in Data Science an Analytics"	Prof Divakar Yadav & Dr. Sudhansh Sharma
50	09-Dec-2025	11Am to 12 Noon	"Salient Features of Bachelor of Computer Application programme of IGNOU"	Dr. Sudhansh Sharma and Dr. Akshay Kumar
51	23-Dec-2025	11Am to 12 Noon	"Applications of Artificial Intelligence"	Prof V. V. Subrahmanyam and Dr Sudhansh Sharma

**14. Details of Patents granted (if any):**

**15. Contribution to IGNOU's corporate life:**

SNo .	Chairperson/ Member of Committee	Name of the Committee	Date/ period
1.	Member	Expert Committee to assess the syllabus of BCC course under the Cyber-gram programme of the Govt. Of India Digital Literacy Programme, Meeting held at National Institute of Open Schooling(NIOS) premises in Noida Sec 62, on 17-February-2016.	17-February-2016
2.	Member	Expert Committee for Revision of Courses for Data Entry Operators, offered by National Institute of Open Schooling(NIOS), 12&13-April-2016	12&13-April-2016
3.	Member	Expert Committee to Reviewer the syllabus/Curriculum of Senior Secondary Level Course (336) for Data Entry Operators, offered by National Institute of Open Schooling(NIOS), 01-April-2016.	01-April-2016.
4.	Member	Experts cum Course Writers meet for design & development of the B.Com (CBCS) Programme “COMPUTER APPLICATION IN BUSINESS” held on 31 August 2018	31 August 2018
5.	Member	Expert cum course writer committee meeting of the course “BCOS-184: E-Commerce” on January 08, 2019	January 08, 2019
6.	Member	Expert Committee meeting held on 15th October, 2018 at 10:00 a.m. for major revision of the course MCSL016: Internet Concepts and Web Design	15th October, 2018
7.	Member	Expert Committee meeting held on April 29th, 2019 at 10 a.m. for revision of the MCA Programme	April 29th, 2019
8.	Member	Refreshment committee for 24 <sup>th</sup> G. Ram Reddy Lecture(14June19to02July19)	14June19 to 02July19
9.	Member	Hindi Website Committee(since 31-Oct-17)	since 31-Oct-17
10.	Member	Member of Institutions Innovation Council (IIC 2.0) of IGNOU from 31-Oct-2019 (for one Year – i.e. up to 30-Oct-2020)	from 31-Oct-2019 up to 30-Oct-2020)
11.	Member	School Board Standing Committee (Since 25-June-2018)	Since 25-June-2018
12.	Member	Member of School Board of SOCIS	(13Nov14 to 12Nov16)
13.	Member	Member School Board of SOCIS	(13-03-19 to 12-03-21)
14.	Member	Member School Board of SOCIS	(17-06-21 to 16-06-23)
15.	Member	Member School Board of SOCIS	28_june-2023 to 27-June-2025
16.	Member	Member School Board of SOCIS	12-Aug-2025 to 11 Aug 2027
17.	Member	Review Committee - reviewing the eligibility of computer vocational courses at NIOS Hq	27.4.2022
18.	GyanVani Coordinator at SOCIS	GyanVani Coordinator at SOCIS	01-09-2021 to 20-Feb 2023
19.	Nodal Officer – CIQA @ SOCIS	Nodal Officer for CIQA-at SOCIS since Feb-2022	25-Feb-2022 to 20-Feb 2023
20.	Member	Evaluation Committee for the Smart IGNOU Hackathon-2025 (after the presentation) held on September 22 & 23, 2025,	22-Sep-25 23-Sep-25

**16. Administrative position/s held in the University (even as in charge)**

SNo.	Designation	Period

**17. Any other contribution/information:**

**Signature of Teacher /Academic**