

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

**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          | ISBN-10:3659280917; ISBN-13:978-3659280917 |
| 2.          | Subodh Kesharwani<br>Mohd. Sultan<br>Omer Sudhansh Sharma                       | E-Commerce and Online Banking                                | New Delhi India             | Manakin Press                                      | 2018          | 266 pages          | ISBN: 9789386221650                        |
| 3.          | Sudhansh Sharma<br>VenuGopal Khyatee  | AI Enabled Digital Transformations                           | INDIA                       | Pratyaksh Medicare                                 | 2024          | 151 pages          | ISBN: 978-81-964493-3-9                    |

**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), IEK Korea | VOL.8, NO.2,       | 170 - 177    | June 2008         | ISSN 1598-1657 (Print)<br>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), IEK Korea | VOL 9, No.3        | 136-147      | September 2009    | ISSN 1598-1657 (Print)<br>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<br>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<br>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<br>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<br>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<br>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<br>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<br>ISSN(Print) 0975-153X   |
| 11  | Ashok Kumar <sup>1</sup> , Amruta Shelar <sup>1</sup> , 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<br>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<br>ISSN(Print) 0975-153X   |

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|    |   |   |  |  |               |                 |  |
|----|---|---|--|--|---------------|-----------------|--|
| 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<br>iSSN(Print) 0975-153X  |
| 14 | Sudhansh Sharma<br>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<br>iSSN(Print) 0975-153X<br>REFREED (peer-reviewed)<br>UGC-LISTED : 27981<br>(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)                  | Volum e-9 Issue-2                                      | Pg41 42-41 49 | Dece m ber 2019 | ISSN: 2278-3075,<br>REFREED (peer-reviewed)<br><br>SCOPUS Indexed 2018-19  |
| 16 | Sofia Goel Sudhansh Sharma              | Machine Learning Based Diabetes Detection-A Comparative Study of Classifiers(मशीनल लर्निंग द्वारा डायबटीज डिटेक्शन-वर्गीकरण तकनीक का एक तुलना:मकअरयन) | VIGYAN PRAKASH   | Vol.18 Issue No.3-4                                    | Pg 6-17       | July-Dec 2020   | ISSN : 1549-523-X<br>(UGC-CARE Listed Journal)   |
| 17 | SofiaGoel, Sudhansh Sharma              | Artificial Intelligence in Action – Against COVID- 19   | Global Journal of Enterprise Information Systems "(GJEIS)  | Volum e-12 Issue-2                                     | Pg73 -80      | Apr-June 2020   | iSSN(Online) 0975-1432<br>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  | VOLU ME 18 ISSUE 8                                     | pg 603 -607   | Augu st 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. | Proceed ings of SMAR T-2021, IEEE confere nce ID-52563 | Pg 665 -669   | Dece m ber-2021 | ISBN-978-1-6654- 3968-8  |

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|    |   |  |  |   |                |                 |  |
|----|---|--|--|---|----------------|-----------------|--|
| 20 | Sofia Goel,<br>Sudhansh Sharma                                      | A Comparative Study of Time Series Models for Blood Glucose Prediction.  | ICIMMI2021 3rd International Conference in Information management and machine Intelligence<br><b>PublisherSpringer Singapore</b> | Proceed ings of the Third Internat ional Confere nce on Informa tion Manage ment and Machin e Intellig ence ICIMMI 2021 | Pg- 81-91      | Decem ber- 2021 | eBook ISBN978-981-19-2065-3<br><br><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<br>Bhavya Sharma                                    | Impact of IoT and 5G on the Business of Cyber Security   | CYBERNOMIC S   | 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  | CYBERNOMIC S   | Volume -1   Issue-5   | Pg 17-19       | October 2019    | E-ISSN: 2582-5755  |
| 23 | Sudhansh Sharma<br>Bhavya Sharma                                    | Emotional Artificial intelligence impact on facial expression-A phenomenon                                     | CYBERNOMIC S   | Volume -1   Issue-6   | Pg 15-17       | Novem ber 2019  | E-ISSN: 2582-5755  |
| 24 | Sudhansh Sharma<br>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                                 | Proceed ings of SMAR T-2020, IEEE confere nce ID- 50582   | Pg 246-250     | December 2020   | ISBN: 978-1-7281-8906-2  |
| 25 | Dharmendra Kumar,<br>Sudhansh Sharma, and<br>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           | Proceed ings of SMAR T-2020, IEEE confere nce ID-   |                | Decem ber 2022  | ISBN: 978-1-6654-8732-0 (Print)  |
| 26 | Sudhansh Sharma ,<br>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<br>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))<br>ISSN PRINT 2319 1775<br>Online 2320 7876 Issue 3 Dec 2022  |

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|    |   |  |  |  |            |   |   |
|----|---|--|--|--|------------|---|---|
| 29 | Sudhansh Sharma<br>Ramesh yadav   | Chat GPT – A Technological Remedy or Challenge for Education System  | Global Journal of Enterprise Information Sytems (GJEIS)  | Vol. 14 No. 4 (2022):                  | Pg. 40-49  | Oct-Dec 2022                                | ISSN 0975-153X  |
| 30 | Dharmendra Kumar<br>Sudhansh Sharma   | Unimodal biometric identification system on Resnet-50 residual block in deep learning environment fused with serial fusion | Global Journal of Enterprise Information Sytems (GJEIS)  | vol. 15 no. 1 (2023):                  | Pg. 46-51  | january-march 2023                          | ISSN 0975-153X  |
| 31 | Dharmendra Kumar<br>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,<br>R. Priya,<br>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,<br>R. Priya,<br>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;<br>Published Dec 2025 | pISSN 2636-0004<br>eISSN 2636-0012                    |
| 34 | Pankaj Kumar and<br>Sudhansh Sharma   | Blockchain in Education: A Comprehensive Approach for Managing Academic Credit Transfer Systems                            | Global Journal of Enterprise Information Sytems (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 Sytems (GJEIS)  | Volume 16   Issue 3                    | Pg 44-48   | Jul-Sep 2024                                | ISSN 0975-153X  |
| 36 | Jaidev Sharma,<br>Ashok Kumar,<br>Satish Chandra,<br>Hari Om Vats,<br>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<br><br>Print ISSN 0038-0938 |
| 37 | Jaidev Sharma,<br>Ashok Kumar,<br>Hari Om Vats,<br>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<br><br>Print ISSN 0973-1458 |

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

| 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 |

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**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)<br>CIT-001 Block 2, Unit 1<br>Video 1: Introduction to Problem Solving<br>Video 2: Flowchart<br>Video 3: Some Examples of Algorithms and Flowchart<br>CIT-001 Block 2, Unit 2<br>Video 4: Writing C Program<br>Video 5: Statements and Array in C<br>Video 6: Some C Program Examples | 4       | CERIFICATE LEVEL | SWAYAM   | 2020-2021 |          |

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



|  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|
|  | MATRICES OPERATIONS - II   |  |  |  |  |  |
|  | MATHEMATICAL INDUCTION   |  |  |  |  |  |
|  | IMPORTANT CONCEPTS<br>ALGEBRA - I  |  |  |  |  |  |
|  | INTRODUCTION TO ALGEBRA - II   |  |  |  |  |  |
|  | UNDERSTANDING<br>SEQUENCE AND SERIES                                     |  |  |  |  |  |
|  | NUMERICALS OF<br>SEQUENCE AND SERIES                                     |  |  |  |  |  |
|  | INTRODUCTION TO COMPLEX NUMBERS  |  |  |  |  |  |
|  | COMPLEX NUMBERS - ADVANCE CONCEPTS                                       |  |  |  |  |  |
|  | UNDERSTANDING EQUATIONS  |  |  |  |  |  |
|  | EQUATIONS - ROOT FINDING   |  |  |  |  |  |
|  | INEQUALITIES AN INTRODUCTION   |  |  |  |  |  |
|  | SOLVING INEQUALITIES   |  |  |  |  |  |
|  | IMPORTANT CONCEPTS<br>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<br>CALCULUS   |  |  |  |  |  |
|  | VECTORS & 3-D GEOMETRY – AN INTRODUCTION                                 |  |  |  |  |  |
|  | VECTORS-AN INTRODUCTION  |  |  |  |  |  |
|  | VECTORS-I  |  |  |  |  |  |
|  | VECTORS-II   |  |  |  |  |  |
|  | VECTORS-III  |  |  |  |  |  |
|  | THREE-DIMENSIONAL GEOMETRY-AN INTRODUCTION                               |  |  |  |  |  |
|  | THREE DIMENSIONAL<br>GEOMETRY-I  |  |  |  |  |  |
|  | LINEAR PROGRAMMING-AN INTRODUCTION                                       |  |  |  |  |  |
|  | LINEAR PROGRAMMING MATHEMATICAL<br>FORMULATION                           |  |  |  |  |  |
|  | IMPORTANT CONCEPTS OF THREE-DIMENSIONAL<br>GEOMETRY & LINEAR PROGRAMMING |  |  |  |  |  |

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**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  | <i>XV International Workshop on the Physics of Semiconductor Devices 2009</i>   | 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   | <i>Ajay Kumar Garg Engineering College, Ghaziabad, UP</i>  | 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  | <i>Indian Institute of Technology-Indore(IIT-Indore),</i>  | Engineering at Nanoscale: From Materials to Bio-sensors, <i>Workshop 2012</i>   | 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                           |

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

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

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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 |
|------|--------|--------|---------------------|--------------------------------|
|      |        |        |                     |                                |
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**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))     |



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

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c. **Details of Units written:**

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

|  |              |  |   |         |         |
|--|--------------|--|---|---------|---------|
|  | MCA(REVISED) | MCSE004: Numerical and Statistical Computing<br>ISBN-978-81-266-2898-8 | (Block 1)<br>Unit 1: Floating Point Arithmetic and Errors | Written | 2006-07 |
|  | MCA(REVISED) | MCSE004: Numerical and Statistical Computing<br>ISBN-978-81-266-2889-6 | (Block 2)<br>Unit 1: Interpolation                        | Written | 2006-07 |
|  | MCA(REVISED) | MCSE004: Numerical and Statistical Computing<br>ISBN-978-81-266-2865-0 | (Block 3)<br>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 : <https://egyankosh.ac.in/handle/123456789/72735>

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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 :
  - b. <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; Egyankosh : <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**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<br>(9.30AM to 5.30pm)           | Computer Division Lab – IGNOU  | 40                     |
| 2    | Workshop on “Research Applications of MATLAB ” Organized by SOCIS   | 23-24-Jan-13<br>(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<br>(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<br>(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<br>(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   |  |  |                        |

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

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

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

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**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   | 11 am-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   | 11 am-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   | 11 am-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   | 11 am-11:45am   | orientation programme bca 5th sem          | Dr.Sudhansh Sharma     |

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|    |            |                 |   |   |
|----|------------|-----------------|---|---|
| 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/<br>Mr. Akshay Kumar/<br>Dr. Sudhansh Sharma |
| 49 | 23-Feb-21  | 3.30pm-4pm      | MCS-053 Understanding Graphic Primitives                            | Dr. Sudhansh Sharma   |

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



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**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 | 11 Am to 12 Noon | Role Of Discrete Mathematics in Artificial Intelligence            | Dr. Sudhansh Sharma                    |
| 11    | 13-Jun-17 | 11 Am to 12 Noon | How To Make proper MCA/BCA Project report                          | Dr. Sudhansh Sharma & Mr. MP Mishra    |
| 12    | 27-Jun-17 | 11 Am to 12 Noon | Basic Concepts of Java Programming                                 | Dr. Sudhansh Sharma & Mr. MP Mishra    |
| 13    | 19-Sep-17 | 11 Am to 12 Noon | Design and Development of Project Synopsis for MCA/BCA students    | Dr. Sudhansh Sharma & Mr. Akshay Kumar |
| 14    | 12-Dec-17 | 11 Am to 12 Noon | Significance of Discrete Mathematics in Artificial Intelligence    | Dr. Sudhansh Sharma                    |
| 15    | 23-Jan-18 | 11 Am to 12 Noon | Stacks and Queues  | Dr. Sudhansh Sharma & Dr. PV Suresh    |
| 16    | 08-May-18 | 11 Am to 12 Noon | Development of Synopsis for MCA & BCA projects                     | Dr. Sudhansh Sharma                    |
| 17    | 28-Aug-18 | 11 Am to 12 Noon | Role of Mathematics in Computer Graphics                           | Dr. Sudhansh Sharma                    |
| 18    | 09-Oct-18 | 11 Am to 12 Noon | Current Tools Techniques and Trends in Artificial Intelligence     | Dr. Sudhansh Sharma & Mr. VenuGopal    |
| 19    | 08-Jan-19 | 11 Am to 12 Noon | Role of Artificial Intelligence in Cyber Security                  | Dr. Sudhansh Sharma                    |
| 20    | 12-Feb-19 | 11 Am to 12 Noon | Implications of Artificial Intelligence in Education               | Dr. Sudhansh Sharma                    |
| 21    | 23-Apr-19 | 11 Am to 12 Noon | Mathematical Elements of Computer Graphics                         | Dr. Sudhansh Sharma                    |
| 22    | 14-May-19 | 11 Am to 12 Noon | How to Prepare for Examination of Computer Graphics and Multimedia | Dr. Sudhansh Sharma                    |
| 23    | 13-Aug-19 | 11 Am to 12 Noon | Numerical and Statistical Computing                                | Dr. Sudhansh Sharma & Dr. Arvind       |
| 24    | 11-Sep-19 | 11 Am to 12 Noon | MCS-044 : Mini Project   | Dr. Sudhansh Sharma & Mr. Akshay Kumar |

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|    |             |                    |   |   |
|----|-------------|--------------------|---|---|
| 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               |

**DOSSIER**  
**TO BE FILLED BY TEACHER/ ACADEMIC**  
**(updated up to 1st July 2022)**

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

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

| SNo | Chairperson/<br>Member<br>Committee of | 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<br>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**