

Annexure -'B'

List of SWAYAM courses to be offered in Odd semesters (July-Dec. 2025)

Sl. No.	Name of the department	Semester	Name of the Course	Course Code (As per SWAYAM)	Course code (As per Respective CUSB PG ordinance & decided by DC)	Type of Course (As per respective PG ordinance) (DBCC/DBCE/ OEIC etc.)	Credit	Name of the Course Coordinator/Instructor	Host Institute	Name of the SWAYAM Coordinator of the concerned dept. of CUSB
1	Physics	1	Nanomaterials and their Properties	noc25-mm36	PHY81SW27804	PG	4	Prof. Krishanu Biswas	IIT Kanpur	Prof. Vijay Raj Singh
		3	Physics of Nanomaterials	noc25- ph30	PHY82SW27904	PG	4	Prof. Amreesh Chandra	IIT Kharagpur	Prof. Vijay Raj Singh
			Applied Optics	noc25- ph35	PHY61SW28004	UG	4	Prof. Akhilesh Kumar Mishra	IIT Roorkee	Prof. Vijay Raj Singh
		3	Neutron Scattering for Condensed Matter Studies	noc25- ph40	PHY81SW28104	PG	4	Prof. Saibal Basu	IIT Bombay	Prof. Vijay Raj Singh
		3	Advanced Atmospheric Physics	noc25- ph36	PHY82SW28204	PG	4	Prof. M. V. Sunil Krishna	IIT Roorkee	Prof. Vijay Raj Singh
		3	Advanced Quantum Mechanics with Applications	noc25- ee187	PHY82SW28302	PG	2	Prof. Saurabh Basu	IIT Guwahati	Prof. Vijay Raj Singh
		3	Nanophotonics, Plasmonics, and Metamaterials	noc25- ee187	PHY82SW28404	PG	4	Prof. Debabrata Sikdar	IIT Guwahati	Prof. Vijay Raj Singh
		3	Statistical Physics of Non-Interacting and Interacting Systems	noc25-ph45	PHY82SW28504	PG	4	Prof. Saurabh Basu	IIT Guwahati	Prof. Vijay Raj Singh
		3	Theory and Applications in Thermal and Cold Plasma	noc25- ph46	PHY82SW28604	PG	4	Prof. Srikumar Ghorui	IITB-HBNI	Prof. Vijay Raj Singh
		3	Accelerator Physics	noc25-ph47	PHY82SW28704	PG	4	Prof. Pitamber Singh, Prof. Rajni Pande, Prof. Amalendu Sharma	IIT Bombay	Prof. Vijay Raj Singh
		3	Physics of Functional Materials & Devices	noc25-ph48	PHY82SW28804	PG	4	Prof. Amreesh Chandra	IIT Kharagpur	Prof. Vijay Raj Singh
		3	Concepts in Magnetism and Superconductivity	noc25-ph49	PHY82SW28904	PG	2	Prof. A Taraphder	IIT-Kharagpur	Prof. Vijay Raj Singh
		3	Physics of Renewable Energy Systems	noc25-ph50	PHY82SW29004	PG	4	Prof. Amreesh Chandra	IIT Kharagpur	Prof. Vijay Raj Singh
		3	Solid State Physics	noc25-ph52	PHY61SW29104	UG	4	Prof. Amal Kumar Das	IIT-Kharagpur	Prof. Vijay Raj Singh
		3	Wave Optics	noc25-ph53	PHY61SW29204	UG	4	Prof. Samudra Roy	IIT-Kharagpur	Prof. Vijay Raj Singh
		3	Foundations of Classical Electrodynamics	noc25-ph54	PHY61SW29304	UG	4	Prof. Samudra Roy	IIT-Kharagpur	Prof. Vijay Raj Singh
2	Chemistry	1	Analytical Chemistry		CHE81SW03204	OEIC	4	Prof. Debasis Ray	IIT Kharagpur	Dr. Girish Chandra
		3	Classics in Total Synthesis-I		CHE91SW02704	OEIC	4	Prof. Krishna P Kaliappan	IIT Bombay	Dr. Girish Chandra
		3	Fundamental and Applications of Supramolecular Chemistry		CHE91SW04104	OEIC	4	Prof. Deepak Chopra	IISER Bhopal	Dr. Girish Chandra
		1	Food Fundamental and Chemistry		CHE81SW01904	OEIC	4	Dr. Mita Sinhamahapatra	Indira Gandhi National Open University	Dr. Girish Chandra
		III	A Primer to Mathematical Optimization		MTH91SW06403	DBCE	3	Prof. D. Gosh	IIT BHU	Dr Pankaj Mishra
		III	Rings and Modules		MTH91SW06503	DBCE	3	Prof. Mousumi Mandal, Prof. Ramakrishna Nanduri	IIT Kharagpur	Dr Pankaj Mishra
		III	Matrix Computation and its Application		MTH91SW06603	DBCE	3	Prof. Mani Mehra, Prof. Vivek K. Aggarwal	IIT Delhi, DTU Delhi	Dr Pankaj Mishra

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3	Mathematics	III	Operations Research		MTH91SW06704	DBCE	4	Prof. Bibhas C. Giri	University of Calcutta, Kolkata	Dr Pankaj Mishra
		III	Exceling with Mathematical Modeling		MTH91SW06803	DBCE	3	Prof. Sandip Banerjee	IIT Roorkee	Dr Pankaj Mishra
		III	Foundations of R Software		MTH91SW06903	DBCE	3	Prof. Shalabh	IIT Kanpur	Dr Pankaj Mishra
		III	A basic Course in Number Theory		MTH91SW07003	DBCE	3	Prof. Shripad Garge	IIT Bombay	Dr Pankaj Mishra
		III	Introduction to Algebraic Geometry		MTH91SW07103	DBCE	3	Prof. Arijit Dey	IIT Madras	Dr Pankaj Mishra
		III	Introduction to Smooth Manifolds		MTH91SW07203	DBCE	3	Prof. Harish Seshadri	IISc Bangalore	Dr Pankaj Mishra
		III	Geometry of Curves and surfaces		MTH91SW07303	DBCE	3	Prof. Abhijit Pal	IIT Kanpur	Dr Pankaj Mishra
		I	Joy of Computing Using Python		MTH81SW08003	OEIC	3	Prof. Sudarshan Iyengar	IIT Ropar	Dr Pankaj Mishra
		I	Introduction to Machine Learning		MTH81SW08103	OEIC	3	Prof. Balaraman Ravindran	IIT Madras	Dr Pankaj Mishra
		I	Introduction to Internet of Things		MTH81SW08203	OEIC	3	Prof. Sudip Misra	IIT Khargapur	Dr Pankaj Mishra
		I	Data Structures and Algorithms Design		MTH18SW08303	OEIC	3	Prof. Nitin Saxena	IIT Kanpur	Dr Pankaj Mishra
		I	Artificial Intelligence : Concepts and Techniques		MTH81SW08403	OEIC	3	Prof. V. Susheela Devi	IISc Bangalore	Dr Pankaj Mishra
		I	Design and Analysis of algorithm		MTH81SW08504	OEIC	4	Dr Akshay Kumar,	Indira Gandhi National Open University, New Delhi	Dr Pankaj Mishra
		III	Joy of Computing Using Python		MTH91SW07403	OEIC	3	Prof. Sudarshan Iyengar	IIT Ropar	Dr Pankaj Mishra
		III	Introduction to Machine Learning		MTH91SW07503	OEIC	3	Prof. Balaraman Ravindran	IIT Madras	Dr Pankaj Mishra
		III	Introduction to Internet of Things		MTH91SW07603	OEIC	3	Prof. Sudip Misra	IIT Khargapur	Dr Pankaj Mishra
		III	Data Structures and Algorithms Design		MTH91SW07703	OEIC	3	Prof. Nitin Saxena	IIT Kanpur	Dr Pankaj Mishra
		III	Artificial Intelligence : Concepts and Techniques		MTH91SW07803	OEIC	3	Prof. V. Susheela Devi	IISc Bangalore	Dr Pankaj Mishra
		III	Design and Analysis of algorithm		MTH91SW07904	OEIC	4	Dr Akshay Kumar,	Indira Gandhi National Open University, New Delhi	Dr Pankaj Mishra
		III	Operating System Fundamentals		MTH61SW06403	SE	3	Prof. Santanu Chattopadhyay	IIT Kharagpur	Dr Pankaj Mishra
		III	Joy of Computing Using Python		MTH61SW06503	SE	3	Prof. Sudarshan Iyengar	IIT Ropar	Dr Pankaj Mishra
		III	Programming in Java		MTH61SW06603	SE	3	Prof. Debasis Samanta	IIT Kharagpur	Dr Pankaj Mishra
		III	Artificial Intelligence : Search Methods For Problem solving		MTH61SW06703	SE	3	Prof. Deepak Khemani	IIT Madras	Dr Pankaj Mishra
		III	Introduction to Machine Learning		MTH61SW06803	SE	3	Prof. Balaraman Ravindran	IIT Madras	Dr Pankaj Mishra
		III	Cloud Computing		MTH61SW06903	SE	3	Prof. Soumya Kanti Ghosh	IIT Kharagpur	Dr Pankaj Mishra

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		III	Combinatorics		MTH61SW07003	SE	3	Prof. Narayanan N	IIT Madras	Dr Pankaj Mishra
		III	Introduction to Internet of Things		MTH61SW07103	SE	3	Prof. Sudip Misra	IIT Kharagpur	Dr Pankaj Mishra
		III	Human Computer Interaction (In Hindi)		MTH61SW07203	SE	3	Prof. Rajiv Ratn Shah	IIIT Delhi	Dr Pankaj Mishra
4	Life Science									
5	Geology	1st	Introduction to climate change	GEL81SW05204		OEIC	4	Dr. V. Venkat Raman	IGNOU	Dr. Priti Rai
		3rd	Earth Science for Civil Engineering/River Engineering	GEL91SW05002		DBCE	2	Prof. Javed N. Malik	IIT Kanpur	Dr. Priti Rai
6	Geography	III	Introduction to climate change	GEO91OE00704		OEIC	4	Dr. Venkat Raman	IGNOU	Dr. Somnath Bera
		III	Environmental Issues	GEO91OE00804		OEIC	4	Dr. Venkat Raman	IGNOU	Dr. Somnath Bera
		III	Urban Disaster Risk Mitigation and Climate Resilient Development	GEO91OE00904		OEIC	4	Prof. Dr. Sanjukta Bhaduri	School of Planning and Architecture New Delhi	Dr. Somnath Bera
		III	Environmental Studies : Pollution, Climate Change and Safety Management	GEO91OE01004		OEIC	4	Dr. Harish Kumar Ghritlahre , Dr. Smita Rani Bhardiya	Chhattisgarh Swami Vivekanand Technical University (CSVTU) Bhilai, India	Dr. Somnath Bera
		III	Tourism Planning and Sustainable Development	GEO91OE01104		OEIC	4	Prashant Kumar Gautam	Panjab University, Chandigarh	Dr. Somnath Bera
		III	Population and Society	GEO91OE01204		OEIC	4	Dr. Dola Borkataki	Krishna Kanta Handiqui State Open University, Guwahati	Dr. Somnath Bera
		III	Geography of Health and Well Being	GEO91OE01304		OEIC	4	Dr. Aakriti Grover	Dr. B. R. Ambedkar University Delhi, New Delhi	Dr. Somnath Bera
		III	Mobile Virtual Reality and Artificial Intelligence	noc25-cs80	CSC91SW07401	DBCE	1	Prof. Varun Dutt	IIT Mandi	Dr. Piyush Kumar Singh
		III	Introduction to Algebraic Graph Theory	noc25-cs85	CSC91SW07502	DBCE	2	Prof. Ranveer Singh	IIT Indore	Dr. Piyush Kumar Singh
		III	Distributed Optimization and Machine Learning	noc25-cs86	CSC91SW07603	DBCE	3	Prof. Mayank Baranwal	IIT Bombay	Dr. Piyush Kumar Singh
		III	Reinforcement Learning	noc25-cs92	CSC91SW07703	DBCE	3	Prof. Balaraman Ravindran	IIT Madras	Dr. Piyush Kumar Singh
		III	Introduction to Quantum Computing: Quantum Algorithms and Qiskit	noc25-cs95	CSC91SW07804	DBCE	1	Prof. Prabha Mandayam, Prof. Anupama Ray, Prof. Sheshashayee Raghunathan	IBM and IIT Madras	Dr. Piyush Kumar Singh
		III	Parameterized Algorithms	noc25-cs96	CSC91SW07903	DBCE	3	Prof. Neeldhara Misra, Prof. Saket Saurabh	IIT Gandhinagar IMSc - The Institute of Mathematical Sciences	Dr. Piyush Kumar Singh
		III	Social Network Analysis	noc25-cs100	CSC91SW08003	DBCE	3	Prof. Tanmoy Chakraborty	IIT Delhi	Dr. Piyush Kumar Singh
		III	Data Science for Engineers	noc25-cs101	CSC91SW08102	DBCE	2	Prof. Ragunathan Rengasamy, Prof. Shankar Narasimhan	IIT Madras	Dr. Piyush Kumar Singh
		III	Stochastic Approximation: Theory and Applications	noc25-cs111	CSC91SW08203	DBCE	3	Prof. Gagan Chandrashekhar Mallika Thoppe	IISc Bangalore	Dr. Piyush Kumar Singh
		III	Privacy and Security in Online Social Media	noc25-cs117	CSC91SW08303	DBCE	3	Prof. Ponnuram Kumaraguru	IIIT Hyderabad	Dr. Piyush Kumar Singh

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7	Computer Science	III	Responsible & Safe AI Systems	noc25-cs118	CSC91SW08403	DBCE	3	Prof. Ponnuram Kumaraguru, Prof. Balaraman Ravindran, Prof. Arun Rajkumar	IIT Hyderabad and IIT Madras	Dr. Piyush Kumar Singh
		III	Randomized Methods in Complexity	noc25-cs122	CSC91SW08503	DBCE	3	Prof. Nitin Saxena	IIT Kanpur	Dr. Piyush Kumar Singh
		III	Introduction to Graph Algorithms	noc25-cs124	CSC91SW08602	DBCE	2	Prof. C Pandu Rangan	IISc Bangalore	Dr. Piyush Kumar Singh
		III	Demystifying Networking	noc25-cs125	CSC91SW08701	DBCE	1	Prof. Sridhar Iyer, Prof. Ashutosh Raina	IIT Bombay	Dr. Piyush Kumar Singh
		III	Introduction to Computer and Network Performance Analysis using Queuing Systems	noc25-cs126	CSC91SW08801	DBCE	1	Prof. Varsha Apte	IIT Bombay	Dr. Piyush Kumar Singh
		III	C-Based VLSI Design	noc25-cs132	CSC91SW08903	DBCE	3	Prof. Chandan Karfa	IIT Guwahati	Dr. Piyush Kumar Singh
		III	Multi-Core Computer Architecture	noc25-cs134	CSC91SW09003	DBCE	3	Prof. John Jose	IIT Guwahati	Dr. Piyush Kumar Singh
		III	Design & Implementation of Human-Computer Interfaces	noc25-cs135	CSC91SW09103	DBCE	3	Prof. Samit Bhattacharya	IIT Guwahati	Dr. Piyush Kumar Singh
		III	Programming with Generative AI	noc25-cs137	CSC91SW09202	DBCE	2	Prof. Viraj Kumar	IISc Bangalore	Dr. Piyush Kumar Singh
		III	Statistical Learning for Reliability Analysis	noc25-cs139	CSC91SW09303	DBCE	3	Prof. Monalisa Sarma	IIT Kharagpur	Dr. Piyush Kumar Singh
		III	Ethical Hacking	noc25-cs142	CSC91SW09403	DBCE	3	Prof. Indrani Sengupta	IIT Kharagpur	Dr. Piyush Kumar Singh
		III	Introduction to Internet of Things	noc25-cs147	CSC91SW09503	DBCE	3	Prof. Sudip Misra	IIT Kharagpur	Dr. Piyush Kumar Singh
		III	Algorithmic Game Theory	noc25-cs151	CSC91SW09603	DBCE	3	Prof. Palash Dey	IIT Kharagpur	Dr. Piyush Kumar Singh
		III	Approximation Algorithm	noc25-cs153	CSC91SW09703	DBCE	3	Prof. Palash Dey	IIT Kharagpur	Dr. Piyush Kumar Singh
		III	Real-Time Systems	noc25-cs156	CSC91SW09803	DBCE	3	Prof. Rajib Mall, Prof. Durga Prasad Mohapatra	IIT Kharagpur	Dr. Piyush Kumar Singh
		III	Scalable Data Science	noc25-cs160	CSC91SW09902	DBCE	2	Prof. Anirban Dasgupta, Prof. Sourangshu Bhattacharya	IIT Gandhinagar IIT Kharagpur	Dr. Piyush Kumar Singh
		III	Introduction to Large Language Models (LLMs)	noc25-cs161	CSC91SW10003	DBCE	3	Prof. Tanmoy Chakraborty, Prof. Soumen Chakraborti	IIT Delhi	Dr. Piyush Kumar Singh
		III	Application of Forecasting, Regression and Time Series Models	noc25-mg77	CAI91SW07403	OEIC	3	Prof. Raghu Nandan Sengupta	IIT Kanpur	Dr. Piyush Kumar Singh
		III	Technical Communication for Engineers	noc25-ge42	CAI91SW07501	OEIC	1	Prof. Arun K. Saraf	IIT Roorkee	Dr. Piyush Kumar Singh
		III	Distributed Optimization and Machine Learning	noc25-cs86	CAI91SW07603	DBCE	3	Prof. Mayank Baranwal	IIT Bombay	Dr. Piyush Kumar Singh
		III	Reinforcement Learning	noc25-cs92	CAI91SW07703	DBCE	3	Prof. Balaraman Ravindran	IIT Madras	Dr. Piyush Kumar Singh
		III	Introduction to Quantum Computing: Quantum Algorithms and Qiskit	noc25-cs95	CAI91SW07804	DBCE	1	Prof. Prabha Mandayam, Prof. Anupama Ray, Prof. Sheshashayee Raghunathan	IBM and IIT Madras	Dr. Piyush Kumar Singh
		III	Parameterized Algorithms	noc25-cs96	CAI91SW07903	DBCE	3	Prof. Neeldhara Misra, Prof. Saket Saurabh	IIT Gandhinagar IMSc - The Institute of Mathematical Sciences	Dr. Piyush Kumar Singh
		III	Social Network Analysis	noc25-cs100	CAI91SW08003	DBCE	3	Prof. Tanmoy Chakraborty	IIT Delhi	Dr. Piyush Kumar Singh

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8	Artificial Intelligence	III	Data Science for Engineers	noc25-cs101	CAI91SW08102	DBCE	2	Prof. Ragunathan Rengasamy, Prof. Shankar Narasimhan	IIT Madras	Dr. Piyush Kumar Singh
		III	Stochastic Approximation: Theory and Applications	noc25-cs111	CAI91SW08203	DBCE	3	Prof. Gagan Chandrashekhar Mallika Thoppe	IISc Bangalore	Dr. Piyush Kumar Singh
		III	Privacy and Security in Online Social Media	noc25-cs117	CAI91SW08303	DBCE	3	Prof. Ponnurangam Kumaraguru	IIIT Hyderabad	Dr. Piyush Kumar Singh
		III	Responsible & Safe AI Systems	noc25-cs118	CAI91SW08403	DBCE	3	Prof. Ponnurangam Kumaraguru, Prof. Balaraman Ravindran, Prof. Arun Rajkumar	IIIT Hyderabad and IIT Madras	Dr. Piyush Kumar Singh
		III	Randomized Methods in Complexity	noc25-cs122	CAI91SW08503	DBCE	3	Prof. Nitin Saxena	IIT Kanpur	Dr. Piyush Kumar Singh
		III	Introduction to Graph Algorithms	noc25-cs124	CAI91SW08602	DBCE	2	Prof. C Pandu Rangan	IISc Bangalore	Dr. Piyush Kumar Singh
		III	Demystifying Networking	noc25-cs125	CAI91SW08701	DBCE	1	Prof. Sridhar Iyer, Prof. Ashutosh Raina	IIT Bombay	Dr. Piyush Kumar Singh
		III	Introduction to Computer and Network Performance Analysis using Queuing Systems	noc25-cs126	CAI91SW08801	DBCE	1	Prof. Varsha Apte	IIT Bombay	Dr. Piyush Kumar Singh
		III	C-Based VLSI Design	noc25-cs132	CAI91SW08903	DBCE	3	Prof. Chandan Karfa	IIT Guwahati	Dr. Piyush Kumar Singh
		III	Multi-Core Computer Architecture	noc25-cs134	CAI91SW09003	DBCE	3	Prof. John Jose	IIT Guwahati	Dr. Piyush Kumar Singh
		III	Design & Implementation of Human-Computer Interfaces	noc25-cs135	CAI91SW09103	DBCE	3	Prof. Samit Bhattacharya	IIT Guwahati	Dr. Piyush Kumar Singh
		III	Programming with Generative AI	noc25-cs137	CAI91SW09202	DBCE	2	Prof. Viraj Kumar	IISc Bangalore	Dr. Piyush Kumar Singh
		III	Statistical Learning for Reliability Analysis	noc25-cs139	CAI91SW09303	DBCE	3	Prof. Monalisa Sarma	IIT Kharagpur	Dr. Piyush Kumar Singh
		III	Ethical Hacking	noc25-cs142	CAI91SW09403	DBCE	3	Prof. Indranil Sengupta	IIT Kharagpur	Dr. Piyush Kumar Singh
		III	Introduction to Internet of Things	noc25-cs147	CAI91SW09503	DBCE	3	Prof. Sudip Misra	IIT Kharagpur	Dr. Piyush Kumar Singh
		III	Algorithmic Game Theory	noc25-cs151	CAI91SW09603	DBCE	3	Prof. Palash Dey	IIT Kharagpur	Dr. Piyush Kumar Singh
		III	Approximation Algorithm	noc25-cs153	CAI91SW09703	DBCE	3	Prof. Palash Dey	IIT Kharagpur	Dr. Piyush Kumar Singh
		III	Real-Time Systems	noc25-cs156	CAI91SW09803	DBCE	3	Prof. Rajib Mall, Prof. Durga Prasad Mohapatra	IIT Kharagpur	Dr. Piyush Kumar Singh
		III	Scalable Data Science	noc25-cs160	CAI91SW09902	DBCE	2	Prof. Anirban Dasgupta, Prof. Sourangshu Bhattacharya	IIT Gadhinagar IIT Kharagpur	Dr. Piyush Kumar Singh
		III	Introduction to Large Language Models (LLMs)	noc25-cs161	CAI91SW10003	DBCE	3	Prof. Tanmoy Chakraborty, Prof. Soumen Chakraborti	IIT Delhi	Dr. Piyush Kumar Singh
9	Statistics	I	Data Base Management System	noc22_cs91	STS81SW00100	MENC	2	Prof. Partha Pratim Das, Prof. Samiran Chattopadhyay	IIT Kharagpur	Dr. Indrajeet Kumar
		I	Data Science for Engineers	noc21_cs69	STS81SW00200	MENC	2	Prof. Ragunathan Rengasamy, Prof. Shankar Narasimhan	IIT Madras	Dr. Indrajeet Kumar
		I	Introduction to Biostatistics	noc19_bt19	STS81SW00300	MENC	2	Prof. Shamik Sen	IIT Bombay	Dr. Indrajeet Kumar
		I	Handling Large-Scale Unit Level Data	noc24_hs113	STS81SW00400	MENC	2	Prof. Pratap C. Mohanty	IIT Roorkee	Dr. Indrajeet Kumar
		I	Data Base Management System	noc22_cs91	DST81SW00100	MENC	2	Prof. Partha Pratim Das, Prof. Samiran Chattopadhyay	IIT Kharagpur	Dr. Indrajeet Kumar

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10	Data Science and Applied Statistics	I	Data Science for Engineers	noc21_cs69	DST81SW00200	MENC	2	Prof. Ragunathan Rengasamy, Prof. Shankar Narasimhan	IIT Madras	Dr. Indrajeet Kumar
		I	Introduction to Biostatistics	noc19_bt19	DST81SW00300	MENC	2	Prof. Shamik Sen	IIT Bombay	Dr. Indrajeet Kumar
		I	Handling Large-Scale Unit Level Data	noc24_hs113	DST81SW00400	MENC	2	Prof. Pratap C. Mohanty	IIT Roorkee	Dr. Indrajeet Kumar
11	Biotechnology	MSc I	Biomedical Nanotechnology	69 (noc25-bt70)	BTN81SW00101	OEIC	1	Prof. P Gopinath	IIT Roorkee	Dr Nitish Kumar
		MSc I	Drug Delivery: Principle and Engineering	55 (noc25-bt55)	BTN81SW00203	OEIC	3	Prof. Rachit Agarwal	IISc, Bangalore	Dr Nitish Kumar
		MSc I	Neurobiology	69 (noc25-bt70)	BTN81SW00301	OEIC	1	Prof. Nitin Gupta	IIT Kanpur	Dr Nitish Kumar
		MSc I	Introduction to Proteogenomics	71 (noc25-bt72)	BTN81SW00403	OEIC	3	Prof. Sanjeev Srivastava	IIT Bombay	Dr Nitish Kumar
		MSc I	Proteins and Gel Based Proteomics	77 (noc25-bt78)	BTN81SW00501	OEIC	1	Prof. Sanjeev Srivastava	IIT Bombay	Dr Nitish Kumar
		MSc I	Next Generation Sequencing Technologies: Data Analysis and Application	80 (noc25-bt81)	BTN81SW00603	OEIC	3	Prof. Ridhiman Dhar	IIT Kharagpur	Dr Nitish Kumar
		MSc I	Environmental Biotechnology	82 (noc25-bt83)	BTN81SW00703	OEIC	3	Prof. Pinaki Sar	IIT Kharagpur	Dr Nitish Kumar
		MSc III	Advances in Omics	49 (noc25-bt45)	BTN91SW00102	OEIC	2	Prof. Nagarjun Vijay	IISER Bhopal	Dr Nitish Kumar
		MSc III	Tissue Engineering	65 (noc25-bt66)	BTN91SW00202	OEIC	2	Prof. Vignesh Muthuvijayan	IIT Madras	Dr Nitish Kumar
		MSc III	Organ Printing	67 (noc25-bt68)	BTN91SW00302	OEIC	2	Prof. Falguni Pati	IIT Hyderabad	Dr Nitish Kumar
		MSc III	Introduction to Developmental Biology	63 (noc25-bt64)	BTN91SW00403	OEIC	3	Prof. Subramaniam K	IIT Madras	Dr Nitish Kumar
		MSc III	Introduction to Dynamical Model in Biology	51 (noc25-bt51)	BTN91SW00501	OEIC	1	Prof. Biplob Bose	IIT Guwahati	Dr Nitish Kumar
		MSc III	Experimental Biotechnology	54 (noc25-bt54)	BTN91SW00603	OEIC	3	Prof. Vishal Trivedi	IIT Guwahati	Dr Nitish Kumar
		MSc III	Multidisciplinary-An Integrated Approach to Common Childhood Diseases and Developmental Disorders	754 (noc25-ge76)	BTN91SW00703	OEIC	3	Prof. Soumi Kundu, Prof. Nabarun Karmakar, Prof. Parama Banerjee	IIT Kharagpur	Dr Nitish Kumar
		MSc III	Neurobiology	69 (noc25-bt70)	BTN91SW00801	OEIC	1	Prof. Nitin Gupta	IIT Kanpur	Dr Nitish Kumar
		MSc I	ICT fundamentals		BIS81SW03004	OEIC	4	Dr. Ashok Kumar	IGNOU Delhi	Dr. Krishna Kumar Ojha
		MSc I	Introduction to Cell Biology		BIS81SW02602	OEIC	2	Prof. Nagaraj Balasubramanian	IISER Pune	Dr. Krishna Kumar Ojha
		MSc I	Data Science using Python		BIS81SW02602	OEIC	3	Prof. Faisal Anwer, Prof. Mohammad Nadeem	AMU	Dr. Krishna Kumar Ojha
		MSc I	Intellectual property		BIS81SW02904	OEIC	2	Prof.P.K.Purohit	NITTTR Bhopal	Dr. Krishna Kumar Ojha
		MSc I	Introduction to Biostatistics		BIS81SW02102	OEIC	2	Prof. Shamik Sen	IIT Bombay	Dr. Krishna Kumar Ojha
12	Bioinformatics	MSc I	Data Mining		BIS81SW02004	OEIC	4	Mr. L. Abraham David	St.John's College, Palayamkottai	Dr. Krishna Kumar Ojha
		MSc I	Computer Aided Drug Design		BIS81SW02202	OEIC	2	By Prof. Mukesh Doble	IIT Madras	Dr. Krishna Kumar Ojha

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Sl. No.	Name of the department	Semester	Name of the Course	Course Code (As per SWAYAM)	Course code (As per Respective CUSB PG ordinance & decided by DC)	Type of Course (As per respective PG ordinance) (DBCC/DBCE/ OEIC etc.)	Credit	Name of the Course Coordinator/Instructor	Host Institute	Name of the SWAYAM Coordinator of the concerned dept. of CUSB
20	Sociology	I	Sociology of Health		SOC81SW00104		4	Prof Mohd Akram	AMU	Prof M Vijay K Sharma
		III	Sociology of Health		SOC91SW00104		4	Prof Mohd Akram	AMU	Prof M Vijay K Sharma
21	Social Work									
22	Political Science and IR	III/I	An Introduction to Climate Dynamics, Variability and Monitoring	noc25_ce133	PSC91SW03704	OEIC	4	Prof. Sayak Banerjee		
		III/I (5 Year UG-PG in PSIR)	Environment and Development	noc25_hs195	PSC51SW06103	MDC	3	Prof. Ngamjahao Kipgen		
		III/I	Contemporary Issues in International Relations	nou25_hs72	PSC91SW3804	DBCE	4	Prof. Satish Kumar		
23	Economics	1	Community Engagement and Social Responsibility		ECO81SW05100	MENC	00 (Equivalent to 02 Credit)	Prof. Akshay Kumar Satsangi	Dayalbagh Educational Institute, Agra, Uttar Pradesh	Dr. Atish Kumar Dash
		3	Energy Economics and Policy		ECO91SW04202	DBCE	2	Prof. Shyamasree Dasgupta	IIT Mandi	Dr. Atish Kumar Dash
		3	Economics of Health and Education		ECO91SW05203	DBCE	3	Prof. Rajshree Bedamatta	IIT Guwahati	Dr. Atish Kumar Dash
		3	Principles of Behavioral Economics		ECO91SW05303	DBCE	3	Prof. Sujata Kar	IIT Roorkee	Dr. Atish Kumar Dash
		3	Economics of IPR		ECO91SW05401	DBCE	1	Prof. Nalin Bharti	IIT Patna	Dr. Atish Kumar Dash
		3	Introduction to Financial Econometrics		ECO91SW05503	DBCE	3	Dr. Santhosh Kumar P K	Cochin University of Science and Technology	Dr. Atish Kumar Dash
		3	Handling Large-Scale Unit Level Data		ECO91SW05602	DBCE	2	Prof. Pratap C. Mohanty	IIT Roorkee	Dr. Atish Kumar Dash
		3	Labour Economics - Theory and Practice		ECO91SW04102	DBCE	2	Prof. Falguni Pattanaik	IIT Roorkee	Dr. Atish Kumar Dash
										Dr. Atish Kumar Dash
		3	Basics of Nonparametric tests with applications by R		ECO91SW05701	OEIC	1	Dr. Saran Ishika Maiti	Visva-Bharati University, Santiniketan	Dr. Atish Kumar Dash
		3	Application of Forecasting, Regression and Time Series Models		ECO91SW05803	OEIC	3	Prof. Raghu Nandan Sengupta	IIT Kanpur	Dr. Atish Kumar Dash
		3	Foundations of R Software		ECO91SW05903	OEIC	3	Prof. Shalabh	IIT Kanpur	Dr. Atish Kumar Dash
		3	Fundamentals of Financial Inclusion and Cyber Safety		ECO91SW06004	OEIC	4	Prof. Gagan Singh, Dr. Gopal Datt, Dr. Neelima Budhani and Dr. Geetanjali Bhatt Sharma	Uttarakhand Open University (UOU), Haldwani	Dr. Atish Kumar Dash
		3	Gender Auditing and Gender Budgeting	MGSE-002	ECO91SW06104	OEIC	4	Dr. G. Uma	Indira Gandhi National Open University, New Delhi	Dr. Atish Kumar Dash
		3	Preparation of Research Proposal in Social Sciences		ECO91SW06202	OEIC	2	Dr. Prateek Chaurasia	Banaras Hindu University	Dr. Atish Kumar Dash
		3	Research Ethics and Plagiarism		ECO91SW06302	OEIC	2	Prof. Ritu Sharma	Indira Gandhi National Open University, New Delhi	Dr. Atish Kumar Dash

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		3	Business and Sustainable Development		ECO91SW06401	OEIC	1	Prof. Trupti Mishra	IIT Bombay	Dr. Atish Kumar Dash
		3	Decision-Making Under Uncertainty		ECO91SW06501	OEIC	1	Prof. N. Gautam	Syracuse University	Dr. Atish Kumar Dash
24	Commerce	3rd sem	Literature, Culture and Media		COM 91SW48504	DBDE		Prof. Rashmi Gaur	IIT Roorkee	Dr. Pawas Kumar
		1st sem	Computer Application in Business		COM 81SW8904	DBDE		Prof. Subodh Keswani	IGNOU	Dr. Rachana Vishwakarma
25	History									
26	M. PEd.									
27	M.Ed.									
28	LLM									

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