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List of SWAYAM courses to be offered in odd semesters (July-Dec. 2024)									
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Sl. No.	Name of the department	Semester	Name of the Course	Course Code	Course code (As per our university PG ordinance 2022-23 and decided by DC)	Type of Course (As per our university PG ordinance 2022-23) (DBCC/DBCE/OEIC/MENCC)	Credit	Name of the Course Coordinator/Instructor	Host Institute
1	Physics	III	Introduction to LASER	PHY91SW24504		DBCE	3	Prof. MR Shenoy	IIT Delhi
		III	Nanophotonics, Plasmonics and Metamaterials	PHY91SW24604		DBCE	3	Prof. D Sikdar	IITG
		III	Nuclear and Particle Physics	PHY91SW24704		DBCE	3	Prof. Poulouse Poulouse	IIT Guwahati
		III	Physics of Functional Materials and Devices	PHY91SW24804		DBCE	3	Prof. A Chandra	IIT KGP
		III	Physics of Renewable Energy System	PHY91SW24904		OEIC	3	Prof. A Chandra	IIT KGP
		III	Statistical Physics of Non-Interacting and Interacting Systems	PHY91SW25004		DBCE	3	Prof. S Basu	IITG
		III	Accelerator Physics	PHY91SW25104		DBCE	3	Prof. P Singh, R Pandey, A Sharma	IIT Bombay
		III	Advanced Atmospheric Physics	PHY91SW25204		OEIC	3	Prof. MVS Krishna	IIT Roorkee
		III	Applied Optics	PHY91SW25304		OEIC	3	Prof. AK Mishra	IIT Roorkee
		III	Classical Motion of a single particle	PHY91SW25404		OEIC	3	Prof. S Banerjee	IIT Kanpur
		III	Neutron Scattering for Condensed Matter Studies	PHY91SW25504		DBCE	3	Prof. S Basu	IIT Bombay
		III	Introduction to Astrophysical Fluids	PHY91SW25604		DBCE	3	Prof. S Banerjee	IIT Kanpur
		III	Dynamics of Classical and Quantum Fields	PHY91SW25704		DBCE	3	Prof. GS Setlur	IIT Guwahati
		III	Foundations of Quantum Theory: Non-Relativistic Approach	PHY91SW25084		DBCE	3	Prof. SK Goyal	IISER Mohali
2	Chemistry	III	Classics in Total Synthesis -I	CHE91SW02704		OEIC	4	Prof. Krishna P Kaliappan	IIT Bombay
		III	Food Oils and Fats : Chemistry and Technology	CHE91SW03904		OEIC	4	Prof. Hari. Niwas Mishra	IIT Kharagpur
		III	Fundamental of Protein Chemistry	CHE91SW02904		OEIC	4	Prof. Swagata Dasgupta	IIT Kharagpur
		I	Environmental Chemistry	CHE81SW01804		OEIC	4	Prof. Bhanu Prakash	IIT Roorkee
		I	Food Fundamentals and Chemistry	CHE81SW01904		OEIC	4	Dr. Mita Sinhamahapatra	IGNOU, New Delhi
		III	Approximate Reasoning using Fuzzy Set Theory	MTH91SW04304		DBCE	3-4	Prof. Balasubramaniam Jayaram IIT Hyderabad	IIT Hyderabad
		III	Mathematical Methods and its Applications	MTH91SW04404		DBCE	3-4	Prof. P.N. Agarwal Prof. S. K. Gupta	IITR
		III	Essential Mathematics for Machine Learning	MTH91SW04504		DBCE	3-4	Prof. S. K. Gupta Prof. Sanjeev Kumar IITR	IITR
		III	Introduction to Fuzzy Set Theory, Arithmetic and Logic	MTH91SW04604		DBCE	3-4	Prof. Nilladri Chatterjee	IITD
		III	A Basic Course in Number Theory	MTH91SW04704		DBCE	3-4	Prof. Shripad Garge	IITB
		III	Representation Theory of General Linear Lie Algebra	MTH91SW04804		DBCE	3-4	Prof. R. Venkatesh	IISC
		III	Computational Commutative Algebra	MTH91SW04904		DBCE	3-4	Prof. Manoj Kummini	CMI
		III	Category theory	MTH91SW05004		DBCE	3-4	Prof. Amit Kuber	IITK
3		III	Metric Spaces	MTH91SW05104		DBCE	3-4	Prof. Qamrul Hasan Ansari Dr. Monirul Islam Dr. Mohd. Zeeshan	AMU
		III	EXCELing with Mathematical Modelling	MTH91SW05204		DBCE	3-4	Prof. Sandip Banerjee	IITR
		III	Matrix computation and its applications	MTH91SW05304		DBCE	3-4	Prof Mani Mehra, Prof V K Aggarwal	IITD
		III	Indian Knowledge System (IKS): concept and applications in science	MTH91SW05404		OEICC	4	Prof B Mahadevan, Dr. B R Bhat, Dr. R V Raghaven	IIM Bangalore
		III	Cognition and it's computation	MTH91SW05504		OEICC	3-4	Prof S Bandyopadhyay, Prof R Guha	IIT Kharagpur
		III	Foundation of R software	MTH91SW05604		OEICC	3-4	Prof Shalabh	IIT Kanpur
		III	Physics of Renewable Energy System	MTH91SW05704		OEIC	3-4	Prof Amreesh Chandra	IIT Kharagpur

4	Life Science	NA							
5	Geology	I	Introduction to climate change	GEL81SW00704		OEIC	4	Dr. V. Venkat Raman (IGNOU)	
		III	Earth Science for Civil Engineering/River Engineering	GEL91SW02702		OEIC	2	Prof. Javed N. Malik (IIT Kanpur)	
6	Geography	III	Introduction to climate change	GEO91SW00104		OEIC	4	Dr. Venkat Raman	IGNOU
		III	Environmental Issues	GEO91SW00204		OEIC	4	Dr. Venkart Raman	IGNOU
		III	Urban Disaster Risk Mitigation and Climate Resilient Development	GEO91SW00304		OEIC	4	Prof. Dr. Sanjukta Bhaduri	School of Planning and Architecture New Delhi
		III	Environmental Studies : Pollution, Climate Change and Safety Management	GEO91SW00404		OEIC	4	Dr. Harish Kumar Ghritlahre, Dr. Smita Rani Bhardiya	Chhattisgarh Swami Vivekanand Technical University (CSVTU) Bhilai, India
		III	Tourism Planning and Sustainable Development	GEO91SW00504		OEIC	4	Prashant Kumar Gautam	Panjab University, Chandigarh
		III	Population and Society	GEO91SW00604		OEIC	4	Dr. Dola Borkataki	Krishna Kanta Handiqui State Open University, Guwahati
		III	Geography of Health and Well Being	GEO91SW00704		OEIC	4	Dr. Aakriti Grover	Dr. B. R. Ambedkar University Delhi, New Delhi
7	Computer Science	MSc (CS)III	Advanced Distributed Systems	noc24-cs99	CSC91SW04503	DBCE	3	Prof. Smruti Ranjan Sarangi	IIT Delhi
		MSc (CS)III	Practical Cyber Security for Cyber Security Practitioners	noc24-cs85	CSC91SW04603	DBCE	3	Prof. Sandeep K. Shukla	IIT Kanpur
		MSc (CS)III	Introduction to Graph Algorithms	noc24-cs70	CSC91SW04702	DBCE	2	Prof. C Pandu Rangan	IISc Bangalore
		MSc (CS)III	Reinforcement Learning	noc24-cs102	CSC91SW04803	DBCE	3	Prof. Balaraman Ravindran	IIT Madras
		MSc (CS)III	Parameterized Algorithms	noc24-cs117	CSC91SW04903	DBCE	3	Prof. Neeldhara Misra Prof. Saket Saurabh	IIT Gandhinagar and IMSc - The Institute of Mathematical Sciences
		MSc (CS)III	Demystifying Networking	noc24-cs69	CSC91SW05001	DBCE	1	Prof. Sridhar Iyer Prof. Ashutosh Raina	IIT Bombay
		MSc (CS)III	Software Testing	noc24-cs91	CSC91SW05103	DBCE	3	Prof. Meenakshi D'souza	IIIT Bangalore
		MSc (CS)III	Cyber Security and Privacy	noc24-cs121	CSC91SW05203	DBCE	3	Prof. Saji K Mathew	IIT Madras
		MSc (CS)III	Multi-Core Computer Architecture	noc24-cs93	CSC91SW05303	DBCE	3	Prof. John Jose	IIT Guwahati
		MSc (CS)III	Statistical Learning for Reliability Analysis	noc24-cs107	CSC91SW05403	DBCE	3	Prof. Monalisa Sarma	IIT Kharagpur
		MSc (CS)III	Ethical Hacking	noc24-cs94	CSC91SW05503	DBCE	3	Prof. Indranil Sengupta	IIT Kharagpur
		MSc (CS)III	Introduction to Industry 4.0 and Industrial Internet of Things	noc24-cs95	CSC91SW05603	DBCE	3	Prof. Sudip Misra	IIT Kharagpur
		MSc (CS)III	Distributed Systems	noc24-cs77	CSC91SW05702	DBCE	2	Prof. Rajiv Misra	IIT Patna
		MSc (CS)III	Design & Implementation of Human-Computer Interfaces	noc24-cs126	CSC91SW05803	DBCE	3	Prof. Samit Bhattacharya	IIT Guwahati
		MSc (CS)III	Approximation Algorithm	noc24-cs97	CSC91SW05903	DBCE	3	Prof. Palash Dey	IIT Kharagpur
		MSc (CS)III	Computational Arithmetic - Geometry for Algebraic Curves	noc24-cs87	CSC91SW06003	DBCE	3	Prof. Nitin Saxena	IIT Kanpur
		MSc (CS)III	Introduction to Quantum Computing: Quantum Algorithms and Qiskit	noc24-cs67	CSC91SW06101	DBCE	1	Prof. Prabha Mandayam Prof. Anupama Ray Prof. Sheshashayee Raghunathan	IBM and IIT Madras

8	Artificial Intelligence	MSc (AI)III	Computational Arithmetic - Geometry for Algebraic Curves	noc24-cs87	CAI91SW04303	OEIC	3	Prof. Nitin Saxena	IIT Kanpur
		MSc (AI)III	Introduction to Quantum Computing: Quantum Algorithms and Qiskit	noc24-cs67	CAI91SW04401	OEIC	1	Prof. Prabha Mandayam Prof. Anupama Ray Prof. Sheshashayee Raghunathan	IBM and IIT Madras
		MSc (AI)III	Advanced Distributed Systems	noc24-cs99	CAI91SW04503	DBCE	3	Prof. Smruti Ranjan Sarangi	IIT Delhi
		MSc (AI)III	Practical Cyber Security for Cyber Security Practitioners	noc24-cs85	CAI91SW04603	DBCE	3	Prof. Sandeep K. Shukla	IIT Kanpur
		MSc (AI)III	Introduction to Graph Algorithms	noc24-cs70	CAI91SW04702	DBCE	2	Prof. C Pandu Rangan	IISc Bangalore
		MSc (AI)III	Reinforcement Learning	noc24-cs102	CAI91SW04803	DBCE	3	Prof. Balaraman Ravindran	IIT Madras
		MSc (AI)III	Parameterized Algorithms	noc24-cs117	CAI91SW04903	DBCE	3	Prof. Neeldhara Misra Prof. Saket Saurabh	IIT Gandhinagar and IMSc - The Institute of Mathematical Sciences
		MSc (AI)III	Demystifying Networking	noc24-cs69	CAI91SW05001	DBCE	1	Prof. Sridhar Iyer Prof. Ashutosh Raina	IIT Bombay
		MSc (AI)III	Software Testing	noc24-cs91	CAI91SW05103	DBCE	3	Prof. Meenakshi D'souza	IIT Bangalore
		MSc (AI)III	Cyber Security and Privacy	noc24-cs121	CAI91SW05203	DBCE	3	Prof. Saji K Mathew	IIT Madras
		MSc (AI)III	Multi-Core Computer Architecture	noc24-cs93	CAI91SW05303	DBCE	3	Prof. John Jose	IIT Guwahati
		MSc (AI)III	Statistical Learning for Reliability Analysis	noc24-cs107	CAI91SW05403	DBCE	3	Prof. Monalisa Sarma	IIT Kharagpur
		MSc (AI)III	Ethical Hacking	noc24-cs94	CAI91SW05503	DBCE	3	Prof. Indranil Sengupta	IIT Kharagpur
		MSc (AI)III	Introduction to Industry 4.0 and Industrial Internet of Things	noc24-cs95	CAI91SW05603	DBCE	3	Prof. Sudip Misra	IIT Kharagpur
		MSc (AI)III	Distributed Systems	noc24-cs77	CAI91SW05702	DBCE	2	Prof. Rajiv Misra	IIT Patna
		MSc (AI)III	Design & Implementation of Human-Computer Interfaces	noc24-cs126	CAI91SW05803	DBCE	3	Prof. Samit Bhattacharya	IIT Guwahati
		MSc (AI)III	Approximation Algorithm	noc24-cs97	CAI91SW05903	DBCE	3	Prof. Palash Dey	IIT Kharagpur
9	Statistics	I	Data Base Management System	noc24_cs75	STS81SW00100	MENC	2	Prof. Partha Pratim Das, Prof. Samiran Chattopadhyay	IIT Kharagpur
		I	Data Science for Engineers	noc24_cs133	STS81SW00200	MENC	2	Prof. Ragunathan Rengasamy, Prof. Shankar Narasimhan	IIT Madras
		I	Introduction to Biostatistics	noc24_bt47	STS81SW00300	MENC	2	Prof. Shamik Sen	IIT Bombay
		I	Handling Large-Scale Unit Level Data	noc24_hs113	STS81SW00400	MENC	2	Prof. Pratap C. Mohanty	IIT Roorkee
10	Data Science and Applied Statistics	I	Data Base Management System	noc24_cs75	DST81SW00100	MENC	2	Prof. Partha Pratim Das, Prof. Samiran Chattopadhyay	IIT Kharagpur
		I	Data Science for Engineers	noc24_cs133	DST81SW00200	MENC	2	Prof. Ragunathan Rengasamy, Prof. Shankar Narasimhan	IIT Madras
		I	Introduction to Biostatistics	noc24_bt47	DST81SW00300	MENC	2	Prof. Shamik Sen	IIT Bombay
		I	Handling Large-Scale Unit Level Data	noc24_hs113	DST81SW00400	MENC	2	Prof. Pratap C. Mohanty	IIT Roorkee

11	Biotechnology	MSc I	Biomedical Nanotechnology	noc24-bt72	BTN81SW00101		1	Prof. P Gopinath	IIT Roorkee
		MSc I	Drug Delivery: Principle and Engineering	noc24-bt62	BTN81SW00203	OEIC	3	Prof. Rachit Agarwal	IISc, Bangalore
		MSc I	Neurobiology	noc24-bt73	BTN81SW00301	OEIC	1	Prof. Nitin Gupta	IIT Kanpur
		MSc I	Introduction to Proteogenomics	noc24-bt52	BTN81SW00403	OEIC	3	Prof. Sanjeev Srivastava	IIT Bombay
		MSc I	Proteins and Gel Based Proteomics	noc24-bt40	BTN81SW00501	OEIC	1	Prof. Sanjeev Srivastava	IIT Bombay
		MSc I	Next Generation Sequencing Technologies: Data Analysis and Application	noc24-bt64	BTN81SW00603	OEIC	3	Prof. Rishman Dhar	IIT Kharagpur
		MSc I	Environmental Biotechnology	noc24-bt66	BTN81SW00703	OEIC	3	Prof. Pinaki Sar	IIT Kharagpur
		MSc III	Advances in Omics	noc24-bt42	BTN91SW00102	OEIC	2	Prof. Nagarjun Vijay	IISER Bhopal
		MSc III	Tissue Engineering	noc24-bt49	BTN91SW00202	OEIC	2	Prof. Vignesh Muthuvijayan	IIT Madras
		MSc III	Organ Printing	noc24-bt45	BTN91SW00302	OEIC	2	Prof. Falguni Pati	IIT Hyderabad
		MSc III	Introduction to Developmental Biology	noc24-bt67	BTN91SW00401	OEIC	3	Prof. Subramaniam K	IIT Madras
		MSc III	Introduction to Dynamical Model in Biology	noc24-bt41	BTN91SW00501	OEIC	1	Prof. Biplab Bose	IIT Guwahati
		MSc III	Experimental Biotechnology	noc24-bt65	BTN91SW00603	OEIC	3	Prof. Vishal Trivedi	IIT Guwahati
		MSc III	Multidisciplinary-An Integrated Approach to Common Childhood Diseases and Developmental Disorders	noc24-ge52	BTN91SW00703	OEIC	3	Prof. Soumi Kundu, Prof. Nabarun Karmakar, Prof. Parama Banerjee	IIT Kharagpur
		MSc III	Neurobiology	noc24-bt73	BTN91SW00801	OEIC	1	Prof. Nitin Gupta	IIT Kanpur
12	Bioinformatics	I	Data Mining	cec24_cs12	BIS81SW02004	OEIC	4	Mr. L. Abraham David	St.John's College, Palayamkottai
		I	Introduction to Biostatistics	noc24_bt47	BIS81SW02102	OEIC, MENC	2	Prof. Shamik Sen	IIT Bombay
		I	Computer Aided Drug Design	noc24_bt44	BIS81SW02202	OEIC, MENC	2	Prof. Mukesh Doble	IIT Madras
		III	Computational Protein Modeling and Analysis	nou24_bt10	BIS91SW02304	OEIC	4	Prof. M. K. Verma & Dr. Ashish Patel	Chhattisgarh Swami Vivekanand Technical University (CSVTU), Bhilai
		III	Fundamentals of Computational Biology	nou24_bt08	BIS91SW02404	OEIC	4	Dr. Tanushree Chatterjee and Dr. R.G. Brajesh	Chhattisgarh Swami Vivekanand Technical University (CSVTU), Bhilai
13	Pharmaceutics								
14	Pharmacology								
15	Environmental Science	i	Certificate course in Environmental Sustainability	ENV81SW00804		MENC	4	Dr. M. Rajesh	IGNOU
		I	Strategies and Models for Sustainability	ENV81SW00904		MENC	4	Dr. Y.S.C. Khuman and Dr. Rita Chauhan	IGNOU
		I	Challenges to Sustainable Development	ENV81SW01004		MENC	4	Dr. Deeksha Dave and Dr. Y.S.C. Khuman	IGNOU
		III	Biostatistics and Mathematical Biology	ENV91SW02904		DBCE, OEIC, MENC	4	Prof. Felix Bast	CU Punjab
		III	Introduction to NGO Management	ENV91SW03104		DBCE, OEIC, MENC	4	Prof. Neeti Agrawal and Prof. Nayantra Padhi	IGNOU
		III	Global Strategies to Sustainable Development	ENV91SW03204		DBCE, OEIC, MENC	4	Dr. Y. S. C. Khuman	IGNOU
		III	Emerging Technologies in Renewable Energy Sources -	ENV91SW03304		DBCE, OEIC, MENC	4	Dr Sanjay Agrawal, Dr. Manoj Verma	CSVTU Bhilai
		III	Pollutants and Water Supply	ENV91SW03404		DBCE, OEIC, MENC	4	Dr. Anuj Kumar Purwar	IGNOU
16	Journalism and Mass Communication								
17	Psychology	I	Early Childhood Care and Education	PSY81SW00504		OEIC	4	Prof. K. Arockia	CEC
		I	Intellectual Property	PSY81SW00604		OEIC	4	Dr. Yogesh Pai	CEC
		III	Introduction to climate change	PSY91SW00704		OEIC	4	Dr. Venkat Raman	IGNOU
		III	Environmental Issues	PSY91SW00804		OEIC	4	Dr. Venkart Raman	IGNOU

18	English	III	Studies in Theatre	ENG91SW02304		OEIC	4	Prof. Vibha Sharma	AMU
19	Hindi								
20	Sociology	I	Sociology of Health	SOC81SW00104		OEIC	4	Prof Mohd Akram	Aligarh Muslim University
		III	Sociology of Health	SOC91SW00104		OEIC	4	Prof Mohd Akram	Aligarh Muslim University
21	Social Work	I	Sociology of Health	SOC81OE00104		OEIC	4	Prof Mohd Akram	Aligarh Muslim University
		III	Sociology of Health	SOC91OE00104		OEIC	4	Prof Mohd Akram	Aligarh Muslim University
22	Political Science and IR	NA							
23	Economics	III	MSD-017: Challenges to Sustainable Development	ECO91SW03904		OEIC	4	Dr. Deeksha Dave and Dr. Y.S.C. Khuman	IGNOU
		III	Basic Statistics using R (BlueSky Statistics)	ECO91SW04002		OEIC	2	Dr. Harsh Pradhan	BHU
		III	Labour Economics-Theory and Practice	ECO91SW04102		OEIC	2	Porf. Falguni Pattanaik	IITR
		III	Energy Economics And Policy	ECO91SW04202		OEIC	2	Prof. Shyamasree Dasgupta	IIT Mandi
24	Commerce	III	Management Information System	COM91SW16804		DBCE	4	By Prof. Kunal Kanti Ghosh, Prof. Saini Das, Prof. Surojit Mukherjee	IGNOU
		III	Organizational Behaviour	COM91SW27404		DBCE	4	By Prof. M. P. Ganesh	Indian Institute of Management Bangalore (IIMB)
		III	Soft Skill for Business Negotiation and Marketing	COM91SW38104		DBCE	4	Dr. Tushar Guha and Dr. Subhasis Ray	IIT Kharagpur
		III	Disaster Management	COM91SW48604		DBCE	4	By DR. D.K.LAL DAS	BK School of Professional and Management Studies, Gujarat University
25	History								
26	MPED								
27	M.ed		NA NA						
28	LLM								