|        | (251) Courses liste                               | d on SWAYA | M under Curre |
|--------|---|------------|---------------|
| Sr.No. | Course Name                                       | Start Date | End Date      |
| 1      | Secondary (Accountancy)                           | 07-01-2017 | 31/12/2017    |
| 2      | Principles of Marketing Management                | 07-01-2017 | 10-11-2017    |
| 3      | NCERT Physics 03 (Class 12)                       | 07-01-2017 | 31/12/2017    |
| 4      | Cell Biology                                      | 07-01-2017 | 10-11-2017    |
| 5      | Data Structures and File Management               | 07-01-2017 | 09-09-2017    |
| 6      | Database and Content Organisation                 | 07-01-2017 | 22/09/2017    |
| 7      | NCERT Physics 01 (Class 11)                       | 07-01-2017 | 31/12/2017    |
| 8      | Science and Technology                            | 07-01-2017 | 31/12/2017    |
| 9      | NCERT Biology 03 (Class 12)                       | 07-01-2017 | 31/12/2017    |
| 10     | Organic chemistry 1                               | 07-01-2017 | 10-06-2017    |
| 11     | Secondary : Mathematics                           | 07-01-2017 | 31/12/2017    |
| 12     | Developmental Biology                             | 07-01-2017 | 09-06-2017    |
| 13     | Indian Culture and Art                            | 07-01-2017 | 26/08/2017    |
| 14     | Secondary : Social Science                        | 07-04-2017 | 31/12/2017    |
| 15     | Secondary : Indian Culture and Heritage           | 07-04-2017 | 31/12/2017    |
| 16     | Introduction to Investments                       | 07-05-2017 | 31/12/2017    |
| 17     | Secondary : Business Studies                      | 07-06-2017 | 31/12/2017    |
| 18     | Painting  | 07-06-2017 | 31/12/2017    |
| 19     | Secondary : Economics                             | 07-06-2017 | 31/12/2017    |
| 20     | NCERT Chemistry 01 Class 11                       | 07-08-2017 | 31/12/2017    |
| 21     | NCERT Chemistry 03 - Class 12                     | 07-08-2017 | 31/12/2017    |
| 22     | NCERT Geography 01 - Class 11                     | 07-08-2017 | 31/12/2017    |
| 23     | NCERT Geography 03 - Class 12                     | 07-08-2017 | 31/12/2017    |
| 24     | NCERT Accountancy 01 (Class 11)                   | 07-09-2017 | 31/12/2017    |
| 25     | Secondary : English                               | 07-10-2017 | 31/12/2017    |
| 26     | Sustainable Management of Biodiversity            | 14/07/2017 | 14/09/2017    |
| 27     | Food laws and standards                           | 17/07/2017 | 16/11/2017    |
| 28     | Information Sources and Library Services          | 17/07/2017 | 16/11/2017    |
| 29     | Library Automation and Digitisation               | 17/07/2017 | 15/10/2017    |
| 30     | Basics of Russian: Communication Skills- Part 1   | 17/07/2017 | 15/10/2017    |
| 31     | Introduction to internet of things                | 24/07/2017 | 13/10/2017    |
| 32     | Geoenvironmental Engineering Landfills Slurry Por | 24/07/2017 | 13/10/2017    |
| 33     | Applied engineering electromagnetics              | 24/07/2017 | 13/10/2017    |
|        | Modern digital communication techniques           | 24/07/2017 | 13/10/2017    |
|        | Educational leadership                            | 24/07/2017 | 15/09/2017    |
|        | Solid state physics                               | 24/07/2017 | 13/10/2017    |
|        | Theory of Computation                             | 24/07/2017 | 15/09/2017    |
|        | Technical english for engineers                   | 24/07/2017 | 15/09/2017    |
| 39     | Refrigeration And Air-conditioner                 | 24/07/2017 | 15/09/2017    |
| 40     | Applied engineering electromagnetics              | 24/07/2017 | 13/10/2017    |
| 41     | Petrology   | 24/07/2017 | 25/11/2017    |
| 42     | Basic Electrical Circuits                         | 24/07/2017 | 30/09/2017    |
|        | Unit operations of particulate matter             | 24/07/2017 | 18/08/2017    |
| 44     | Basics of Fluroscence Spectroscopy                | 24/07/2017 | 15/09/2017    |

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|----|---|------------|------------|
|    | Design for internet of things                       | 24/07/2017 | 15/09/2017 |
| 46 | Human resource development                          | 24/07/2017 | 13/10/2017 |
| 47 | Patent Law for Engineers and Scientists             | 24/07/2017 | 13/10/2017 |
| 48 | Mathematical Methods in Engineering and Science     | 24/07/2017 | 13/10/2017 |
| 49 | Introduction To Cryptology                          | 24/07/2017 | 18/08/2017 |
| 50 | Introduction to Research                            | 24/07/2017 | 15/09/2017 |
| 51 | Fundamentals of database systems                    | 24/07/2017 | 30/09/2017 |
|    | Introduction to Programming in C                    | 24/07/2017 | 30/09/2017 |
|    | Introduction to Research                            | 24/07/2017 | 30/09/2017 |
| 54 | Biostatistics and Design of experiments             | 24/07/2017 | 30/09/2017 |
|    | Industrial Biotechnology                            | 24/07/2017 | 13/10/2017 |
|    | Co-ordination chemistry (chemistry of transition el |            | 13/10/2017 |
|    | Advances in UHV Transmission and Distribution       | 24/07/2017 | 15/09/2017 |
|    | Analog Circuits and Systems through SPICE Simulat   |            | 15/09/2017 |
|    | Project management for managers                     | 24/07/2017 | 13/10/2017 |
|    | Phase Transformation in Materials                   | 24/07/2017 | 13/10/2017 |
|    | Acoustic and Noise Control                          | 24/07/2017 | 13/10/2017 |
|    | Gas dynamics  | 24/07/2017 | 13/10/2017 |
|    |   |            |            |
|    | Project planning and control                        | 24/07/2017 | 15/09/2017 |
|    | Outcome based pedagogic principles for effective t  |            | 18/08/2017 |
|    | Quantum Information and Computing                   | 24/07/2017 | 15/09/2017 |
|    | Introduction to Research                            | 24/07/2017 | 30/09/2017 |
|    | Trace and ultra-trace analysis of metals using atom |            | 15/09/2017 |
|    | Analytical chemistry                                | 24/07/2017 | 13/10/2017 |
|    | Enclosure design of electronics equipment           | 24/07/2017 | 13/10/2017 |
|    | Gender justice and workplace security               | 24/07/2017 | 18/08/2017 |
|    | Fundamentals of manufacturing processes             | 24/07/2017 | 13/10/2017 |
|    | Programming in C plus plus                          | 24/07/2017 | 15/09/2017 |
| 73 | Basic electrical circuits                           | 24/07/2017 | 15/09/2017 |
|    | Gas dynamics  | 24/07/2017 | 13/10/2017 |
| 75 | Software testing                                    | 24/07/2017 | 13/10/2017 |
| 76 | Phase equilibrium thermodynamics                    | 24/07/2017 | 15/09/2017 |
| 77 | Stereochemistry                                     | 24/07/2017 | 15/09/2017 |
| 78 | Reinforced Concrete Road Bridges                    | 24/07/2017 | 18/08/2017 |
| 79 | Design of photovoltaic systems                      | 24/07/2017 | 13/10/2017 |
|    | Decision modeling                                   | 24/07/2017 | 15/09/2017 |
| 81 | Engineering fracture mechanics                      | 24/07/2017 | 13/10/2017 |
|    | Engineering Thermodynamics                          | 24/07/2017 | 13/10/2017 |
|    | Object oriented analysis and design                 | 24/07/2017 | 15/09/2017 |
|    | Analog circuits                                     | 24/07/2017 | 15/09/2017 |
|    | Soft skills   | 24/07/2017 | 13/10/2017 |
|    | Transport phenomena                                 | 24/07/2017 | 13/10/2017 |
|    | Advanced Mathematical Methods for Chemistry         | 24/07/2017 | 13/10/2017 |
|    | Geotechnical engineering laboratory                 | 24/07/2017 | 18/08/2017 |
|    | Power system analysis                               | 24/07/2017 | 13/10/2017 |
|    | E-business  | 24/07/2017 | 13/10/2017 |
|    | Micro and nano scale energy transport               | 24/07/2017 | 13/10/2017 |
| 91 | micro and hand scale energy transport               | 24/07/2017 | 13/10/201/ |

| 0.2 |   | 24/07/2017 | 12/10/2017 |
|-----|---|------------|------------|
|     | X-ray Crystallography and Diffraction                 | 24/07/2017 | 13/10/2017 |
|     | Introduction to Machine Learning                      | 24/07/2017 | 15/09/2017 |
|     | Six sigma   | 24/07/2017 | 13/10/2017 |
|     | Applied linguistics                                   | 24/07/2017 | 13/10/2017 |
| 96  | Mechanics of Solids                                   | 24/07/2017 | 13/10/2017 |
| 97  | Computer Organization                                 | 24/07/2017 | 13/10/2017 |
| 98  | Integral equations, calculus of variations and its ap | 24/07/2017 | 13/10/2017 |
| 99  | Differential equations                                | 24/07/2017 | 13/10/2017 |
| 100 | Noise Management and Control                          | 24/07/2017 | 13/10/2017 |
| 101 | Introduction to Data Analytics                        | 24/07/2017 | 15/09/2017 |
| 102 | Foundation Design                                     | 24/07/2017 | 13/10/2017 |
| 103 | Visual Perception and Art: A Survey Across the Cult   | 24/07/2017 | 18/08/2017 |
| 104 | Nonlinear programming                                 | 24/07/2017 | 18/08/2017 |
|     | Spur and helical gear cutting                         | 24/07/2017 | 18/08/2017 |
| 106 | Fluid dynamics and turbomachines                      | 24/07/2017 | 15/09/2017 |
|     | Biology for engineers and other non-biologists        | 24/07/2017 | 18/08/2017 |
|     | Literature for competitive exams                      | 24/07/2017 | 15/09/2017 |
|     | Introduction to Data Analytics                        | 24/07/2017 | 30/09/2017 |
|     | Fundamentals of Gas Dynamics                          | 24/07/2017 | 10-01-2017 |
|     | Aircraft Design                                       | 24/07/2017 | 13/10/2017 |
|     | Introduction to evolutionary dynamics                 | 24/07/2017 | 15/09/2017 |
|     | Computational hydraulics                              | 24/07/2017 | 13/10/2017 |
|     | Introduction to Wireless and Cellular Communicati     |            | 13/10/2017 |
|     | Introduction to Basic Cognitive Processes             | 24/07/2017 | 15/09/2017 |
|     | Numerical methods                                     | 24/07/2017 | 15/09/2017 |
|     | Measure theory  | 24/07/2017 | 13/10/2017 |
|     | Applied Ergonomics                                    | 24/07/2017 | 13/10/2017 |
|     | Laws of thermodynamics                                | 24/07/2017 | 18/08/2017 |
|     | Introduction to operating systems                     | 24/07/2017 | 15/09/2017 |
|     |   |            | 15/09/2017 |
|     | Nature and Properties of Materials                    | 24/07/2017 |            |
|     | Aircraft Stability and Control                        | 24/07/2017 | 10-01-2017 |
|     | Model Checking  | 24/07/2017 | 10-01-2017 |
|     | Introduction to mechanobiology                        | 24/07/2017 | 15/09/2017 |
|     | Computer architecture and organization                | 24/07/2017 | 13/10/2017 |
|     | Design of steel structures                            | 24/07/2017 | 13/10/2017 |
|     | Optimal control                                       | 24/07/2017 | 15/09/2017 |
|     | Industrial instrumentation                            | 24/07/2017 | 13/10/2017 |
|     | Science, Technology and Society                       | 24/07/2017 | 13/10/2017 |
|     | Numerical Analysis                                    | 24/07/2017 | 13/10/2017 |
|     | Energy conservation and waste heat recovery           | 24/07/2017 | 13/10/2017 |
|     | Computational Electromagnetics and Applications       |            | 13/10/2017 |
|     | Fundamentals of Material Processing - I               | 24/07/2017 | 15/09/2017 |
|     | Social Networks                                       | 24/07/2017 | 13/10/2017 |
|     | Animal Physiology                                     | 24/07/2017 | 13/10/2017 |
| 136 | Introduction to algorithms and analysis               | 24/07/2017 | 13/10/2017 |
| 137 | Strength of materials                                 | 24/07/2017 | 13/10/2017 |
|     | Controls engineering                                  | 24/07/2017 | 13/10/2017 |

| 100               |  | 24/07/2047                             | 12/10/2017                             |
|-------------------|--|--|--|
|                   | Electrical machines - i  | 24/07/2017                             | 13/10/2017                             |
|                   | Gender and Literature  | 24/07/2017                             | 15/09/2017                             |
|                   | Introduction to R Software   | 24/07/2017                             | 15/09/2017                             |
|                   | Sustainability through Green Manufacturing Syster                                      |  | 13/10/2017                             |
| 143               | Mathematical methods in Physics-I  | 24/07/2017                             | 13/10/2017                             |
| 144               | Privacy and Security in Online Social Media  | 24/07/2017                             | 13/10/2017                             |
| 145               | Manufacturing System Technology I and II   | 24/07/2017                             | 13/10/2017                             |
| 146               | Networks and systems   | 24/07/2017                             | 13/10/2017                             |
| 147               | Technical English for Engineers  | 24/07/2017                             | 30/09/2017                             |
| 148               | Foundation of Computational Fluid Dynamics   | 24/07/2017                             | 30/09/2017                             |
| 149               | Design of reinforced concrete structures   | 24/07/2017                             | 13/10/2017                             |
| 150               | Structural analysis i  | 24/07/2017                             | 13/10/2017                             |
| 151               | Principles of Communication Systems: Part - II   | 24/07/2017                             | 15/09/2017                             |
|                   | Analog communication   | 24/07/2017                             | 13/10/2017                             |
|                   | Ecology and Society  | 24/07/2017                             | 13/10/2017                             |
|                   | History of English Language and Literature   | 24/07/2017                             | 13/10/2017                             |
|                   | Classical mechanics: from newtonian to lagrangian                                      |  | 13/10/2017                             |
|                   | Biostatistics and design of experiments  | 24/07/2017                             | 15/09/2017                             |
|                   | Fundamentals of Database Systems   | 24/07/2017                             | 15/09/2017                             |
|                   | An Introduction to Information Theory  | 24/07/2017                             | 15/09/2017                             |
|                   | Document Processing and organisation   | 25/07/2017                             | 24/12/2017                             |
|                   | Vibrations of structures   | 30/07/2017                             | 10-07-2017                             |
|                   | Risk and Reliability of offshore structures  | 30/07/2017                             | 10-06-2017                             |
|                   | Marketing Management-I   | 30/07/2017                             | 10-06-2017                             |
|                   | Application of Spectroscopic Methods in Molecular                                      |  | 10-06-2017                             |
|                   |  |  |  |
|                   | Phase Diagrams in Materials Science and Engineeri                                      |  | 10-07-2017<br>10-06-2017               |
|                   | HSE for offshore and petroleum engineers - Practic                                     |  |  |
|                   | Introduction to Time-Frequency Analysis and Wave                                       |  | 10-07-2017                             |
|                   | Dynamics of Ocean Structures   | 30/07/2017                             | 10-06-2017                             |
|                   | Geology and Soil Mechanics   | 30/07/2017                             | 10-07-2017                             |
|                   | Introduction to Nonlinear Dynamics   | 30/07/2017                             | 10-06-2017                             |
|                   | Human Molecular Genetics   | 30/07/2017                             | 10-06-2017                             |
|                   | Analysis and Modeling of Welding   | 30/07/2017                             | 10-06-2017                             |
| _                 | Introduction to Machine Learning   | 30/07/2017                             | 10-06-2017                             |
|                   | Introduction to Operations Research  | 30/07/2017                             | 10-06-2017                             |
|                   | Introduction to boundary layers  | 30/07/2017                             | 10-07-2017                             |
|                   | Networks And Systems   | 30/07/2017                             | 14/10/2017                             |
|                   | Introduction to MATLAB Programming   | 30/07/2017                             | 10-06-2017                             |
|                   | Introduction to Airplane performance   | 30/07/2017                             | 10-06-2017                             |
|                   | Design and Analysis of Algorithms  | 30/07/2017                             | 10-06-2017                             |
|                   | Discrete Mathematics   | 30/07/2017                             | 10-07-2017                             |
| 180               | Brief introduction to Psychology   | 30/07/2017                             | 10-06-2017                             |
| 181               | Functional Programming in Haskell  | 30/07/2017                             | 10-06-2017                             |
| 182               | Health research fundamentals   | 30/07/2017                             | 10-06-2017                             |
| 183               | Microwave Integrated Circuits  | 30/07/2017                             | 10-06-2017                             |
| 184               | Computer Architecture  | 30/07/2017                             | 10-06-2017                             |
|                   | Electromagnetic theory   | 30/07/2017                             | 10-07-2017                             |
| 182<br>183<br>184 | Health research fundamentals<br>Microwave Integrated Circuits<br>Computer Architecture | 30/07/2017<br>30/07/2017<br>30/07/2017 | 10-06-2017<br>10-06-2017<br>10-06-2017 |

| 187 Natural Resource Management and Sustainable De 08-01-2017 31/12/2017   188 Management Accounting for Decision Making 08-05-2017 12-03-2017   189 Technology of Fermented, Cheese, Ice-cream and 17/08/2017 13/10/2017   190 Graph Theory 21/08/2017 13/10/2017   191 Cloud computing 21/08/2017 13/10/2017   193 Steel Quality Role of Secondary Refining and Cont 21/08/2017 13/10/2017   193 Steel Quality Role of Secondary Refining and Cont 21/08/2017 13/10/2017   194 Principles of Construction Management 21/08/2017 13/10/2017   195 Introduction to Parallel Programming in OpenMP 21/08/2017 13/10/2017   196 Satellite communication 21/08/2017 13/10/2017   197 Pericyclic Reactions and Organic Photochemistry 21/08/2017 13/10/2017   198 Distributed Systems 21/08/2017 13/10/2017   201 Atomic Structure and Chemical Bonding- An Introd 09-05-2017 14/10/2017   202 Customer Relationship Management 10-05-2017 31/12/2017   203 Strategy and the Sustainable Enterprise.  |            |   |  |                  |
|---|------------|---|--|------------------|
| 188Management Accounting for Decision Making08-05-201712-03-2017189Technology of Fermented, Cheese, Ice-cream and17/08/201713/10/2017190Graph Theory21/08/201713/10/2017191Cloud computing21/08/201713/10/2017192Laser: Fundamentals and Applications21/08/201713/10/2017193Steel Quality Role of Secondary Refining and Cont21/08/201713/10/2017194Principles of Construction Management21/08/201713/10/2017195Introduction to Parallel Programming in OpenMP21/08/201713/10/2017196Satellite communication21/08/201713/10/2017197Pericyclic Reactions and Organic Photochemistry21/08/201713/10/2017200Indian Agricultural Development28/08/201713/10/2017201Atomic Structure and Chemical Bonding- An Introd69-5-201714/10/2017202Customer Relationship Management10-05-201731/12/2017203Strategy and the Sustainable Enterprise.To be announced204Project Planning and ControlTo be announced205Introduction to Electromagnetic TheoryTo be announced206Principles of Downstream techniques in BioprocesTo be announced207Experimental Stress Analysis - An OverviewTo be announced208Probability and Stochastics for financeTo be announced209Partial Differential Equations (PDE) for Engineers:To be announced211Sustanab  |            |   | 30/07/2017   | 10-06-2017       |
| 189Technology of Fermented, Cheese, Ice-cream and17/08/201716/11/2017190Graph Theory21/08/201713/10/2017191Cloud computing21/08/201713/10/2017192Laser: Fundamentals and Applications21/08/201713/10/2017193Steel Quality Role of Secondary Refining and Cont21/08/201713/10/2017194Principles of Construction Management21/08/201713/10/2017195Introduction to Parallel Programming in OpenMP21/08/201713/10/2017196Satellite communication21/08/201713/10/2017197Pericyclic Reactions and Organic Photochemistry21/08/201713/10/2017198Distributed Systems21/08/201713/10/2017200Indian Agricultural Development28/08/201712-02-2017201Atomic Structure and Chemical Bonding- An Introd09-05-201714/10/2017203Strategy and the Sustainable Enterprise.To be announced205Introduction to Electromagnetic TheoryTo be announced206Principles of Downstream techniques in BioprocesTo be announced207Experimental Stress Analysis - An OverviewTo be announced208Probability and Stochastics for financeTo be announced209Partial Differential Equations (PDE) for Engineers:To be announced210Introduction to process modeling in membrane setTo be announced211Sustainable River Basin ManagementTo be announced212Principles of Modern  | 187        | Natural Resource Management and Sustainable De  | 08-01-2017   | 31/12/2017       |
| 190Graph Theory21/08/201713/10/2017191Cloud computing21/08/201713/10/2017192Laser: Fundamentals and Applications21/08/201713/10/2017193Steel Quality, Role of Secondary Refining and Cont21/08/201713/10/2017194Principles of Construction Management21/08/201713/10/2017195Introduction to Parallel Programming in OpenMP21/08/201713/10/2017196Satellite communication21/08/201713/10/2017197Pericyclic Reactions and Organic Photochemistry21/08/201713/10/2017198Distributed Systems21/08/201713/10/2017200Indian Agricultural Development28/08/201713/10/2017201Atomic Structure and Chemical Bonding- An Introd 09-05-201714/10/2017202Customer Relationship Management10-05-201714/10/2017203Strategy and the Sustainable Enterprise.To be announced204Project Planning and ControlTo be announced205Introduction to Electromagnetic TheoryTo be announced206Principles of Downstream techniques in BioprocesTo be announced207Experimental Stress Analysis - An OverviewTo be announced208Probability and Stochastics for financeTo be announced209Partial Differential Equations (PDE) for Engineers:To be announced214Quantitative FinanceTo be announced215Elements of Visual RepresentationTo be announced2   | 188        | Management Accounting for Decision Making   | 08-05-2017   | 12-03-2017       |
| 191Cloud computing21/08/201713/10/2017192Laser: Fundamentals and Applications21/08/201713/10/2017193Steel Quality Role of Secondary Refining and Cont21/08/201713/10/2017194Principles of Construction Management21/08/201713/10/2017195Introduction to Parallel Programming in OpenMP21/08/201713/10/2017196Satellite communication21/08/201713/10/2017197Pericyclic Reactions and Organic Photochemistry21/08/201713/10/2017198Distributed Systems21/08/201713/10/2017200Indian Agricultural Development28/08/201713/10/2017201Atomic Structure and Chemical Bonding- An Introd O9-05-201714/10/2017202Customer Relationship Management10-05-201731/12/2017203Strategy and the Sustainable Enterprise.To be announced204Project Planning and ControlTo be announced205Introduction to Electromagnetic TheoryTo be announced206Principles of Downstream techniques in BioprocesTo be announced207Experimental Stress Analysis - An OverviewTo be announced208Probability and Stochastics for financeTo be announced209Partial Differential Equations (PDE) for Engineers:To be announced211Sustainable River Basin ManagementTo be announced212Principles of Modern CDMA/ MIMO/ OFDM WireleTo be announced213Appreciating Carnatic MusicTo be ann  | 189        | Technology of Fermented, Cheese, Ice-cream and I  | 17/08/2017   | 16/11/2017       |
| 192Laser: Fundamentals and Applications21/08/201713/10/2017193Steel Quality Role of Secondary Refining and Cont21/08/201713/10/2017194Principles of Construction Management21/08/201713/10/2017195Introduction to Parallel Programming in OpenMP21/08/201713/10/2017196Satellite communication21/08/201713/10/2017197Pericyclic Reactions and Organic Photochemistry21/08/201713/10/2017198Distributed Systems21/08/201713/10/2017209Indian Agricultural Development28/08/201713/10/2017201Atomic Structure and Chemical Bonding- An Introd 09-05-201714/10/2017202Customer Relationship Management10-05-201731/12/2017203Strategy and the Sustainable Enterprise.To be announced204Project Planning and ControlTo be announced205Introduction to Electromagnetic TheoryTo be announced206Principles of Downstream techniques in Bioproces:To be announced207Experimental Stress Analysis - An OverviewTo be announced208Probability and Stochastics for financeTo be announced209Partial Differential Equations (PDE) for Engineers: To be announced214Principles of Modern CDMA/ MIMO/ OFDM Wirele To be announced214Principles of Modern CDMA/ MIMO/ OFDM Wirele To be announced214Principles of Nodern CDMA/ MIMO/ OFDM Wirele To be announced215Elements of Visual RepresentationTo be ann   | 190        | Graph Theory  | 21/08/2017   | 13/10/2017       |
| 193 Steel Quality Role of Secondary Refining and Cont 21/08/2017 13/10/2017   194 Principles of Construction Management 21/08/2017 13/10/2017   195 Introduction to Parallel Programming in OpenMP 21/08/2017 13/10/2017   196 Satellite communication 21/08/2017 13/10/2017   197 Pericyclic Reactions and Organic Photochemistry 21/08/2017 13/10/2017   198 Distributed Systems 21/08/2017 13/10/2017   199 Hardware modeling using verilog 21/08/2017 13/10/2017   200 Indian Agricultural Development 28/08/2017 12/02-2017   201 Atomic Structure and Chemical Bonding- An Introd 09-05-2017 14/10/2017   202 Customer Relationship Management 10-05-2017 31/12/2017   203 Strategy and the Sustainable Enterprise. To be announced   204 Project Planning and Control To be announced   205 Introduction to Electromagnetic Theory To be announced   206 Princhuls Stress Analysis - An Overview To be announced   208 Probability and Stochastics for finance To be announced <t< td=""><td>191</td><td>Cloud computing</td><td>21/08/2017</td><td>13/10/2017</td></t<>   | 191        | Cloud computing   | 21/08/2017   | 13/10/2017       |
| 194Principles of Construction Management21/08/201713/10/2017195Introduction to Parallel Programming in OpenMP21/08/201715/09/2017196Satellite communication21/08/201713/10/2017197Pericyclic Reactions and Organic Photochemistry21/08/201713/10/2017198Distributed Systems21/08/201713/10/2017199Hardware modeling using verilog21/08/201713/10/2017200Indian Agricultural Development28/08/201712-02-2017201Atomic Structure and Chemical Bonding- An Introd09-05-201714/10/2017202Customer Relationship Management10-05-201731/12/2017203Strategy and the Sustainable Enterprise.To be announced204Project Planning and ControlTo be announced205Introduction to Electromagnetic TheoryTo be announced206Principles of Downstream techniques in BioprocesTo be announced207Experimental Stress Analysis - An OverviewTo be announced208Probability and Stochastics for financeTo be announced210Introduction to process modeling in membrane seTo be announced211Sustainable River Basin ManagementTo be announced212Principles of Modern CDMA/ MIMO/ OFDM WireleTo be announced213Appreciating Carnatic MusicTo be announced214Quantitative FinanceTo be announced215Elements of Visual RepresentationTo be announced216BioM  | 192        | Laser: Fundamentals and Applications  | 21/08/2017   | 13/10/2017       |
| 195Introduction to Parallel Programming in OpenMP21/08/201715/09/2017196Satellite communication21/08/201713/10/2017197Pericyclic Reactions and Organic Photochemistry21/08/201713/10/2017198Distributed Systems21/08/201713/10/2017199Hardware modeling using verilog21/08/201713/10/2017200Indian Agricultural Development28/08/201712-02-2017201Atomic Structure and Chemical Bonding- An Introd09-05-201714/10/2017202Customer Relationship Management10-05-201731/12/2017203Strategy and the Sustainable Enterprise.To be announced204Project Planning and ControlTo be announced205Introduction to Electromagnetic TheoryTo be announced206Principles of Downstream techniques in BioprocesTo be announced207Experimental Stress Analysis - An OverviewTo be announced208Probability and Stochastics for financeTo be announced210Introduction to process modeling in membrane setTo be announced211Sustainable River Basin ManagementTo be announced212Principles of Modern CDMA/ MIMO/ OFDM WireleTo be announced213Appreciating Carnatic MusicTo be announced214Quantitative FinanceTo be announced215Elements of Visual RepresentationTo be announced214Quantitative FinanceTo be announced215Elements of Visual Representation<   | 193        | Steel Quality Role of Secondary Refining and Cont   | 21/08/2017   | 13/10/2017       |
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| 197Pericyclic Reactions and Organic Photochemistry21/08/201713/10/2017198Distributed Systems21/08/201713/10/2017199Hardware modeling using verilog21/08/201713/10/2017200Indian Agricultural Development28/08/201712/02-2017201Atomic Structure and Chemical Bonding- An Introd09-05-201714/10/2017202Customer Relationship Management10-05-201731/12/2017203Strategy and the Sustainable Enterprise.To be announced204Project Planning and ControlTo be announced205Introduction to Electromagnetic TheoryTo be announced206Principles of Downstream techniques in Bioproces.To be announced207Experimental Stress Analysis - An OverviewTo be announced208Probability and Stochastics for financeTo be announced209Partial Differential Equations (PDE) for Engineers:To be announced211Sustainable River Basin ManagementTo be announced212Principles of Modern CDMA/ MINO/ OFDM WirelTo be announced213Appreciating Carnatic MusicTo be announced214Quantitative FinanceTo be announced214Quantitative FinanceTo be announced215Elements of Visual RepresentationTo be announced216BioMEMS and MicrofluidicsTo be announced217Modern Construction materialsTo be announced220Differential Calculus in Several VariablesTo be announced <td>195</td> <td>Introduction to Parallel Programming in OpenMP</td> <td>21/08/2017</td> <td>15/09/2017</td>                                     | 195        | Introduction to Parallel Programming in OpenMP  | 21/08/2017   | 15/09/2017       |
| 198Distributed Systems21/08/201713/10/2017199Hardware modeling using verilog21/08/201713/10/2017200Indian Agricultural Development28/08/201712-02-2017201Atomic Structure and Chemical Bonding- An Introd 09-05-201714/10/2017202Customer Relationship Management10-05-201731/12/2017203Strategy and the Sustainable Enterprise.To be announced204Project Planning and ControlTo be announced205Introduction to Electromagnetic TheoryTo be announced206Principles of Downstream techniques in BioprocesTo be announced207Experimental Stress Analysis - An OverviewTo be announced208Probability and Stochastics for financeTo be announced209Partial Differential Equations (PDE) for Engineers:To be announced211Sustainable River Basin ManagementTo be announced212Principles of Modern CDMA/ MIMO/ OFDM WirelTo be announced213Appreciating Carnatic MusicTo be announced214Quantitative FinanceTo be announced215Elements of Visual RepresentationTo be announced216BioMEMS and MicrofluidicsTo be announced217Modern Construction materialsTo be announced218Design and Simulation of DC-DC converters using do be announced219Digital Circuits and SystemsTo be announced214Quantifacturing systems technology part IITo be announced215E  | 196        | Satellite communication   | 21/08/2017   | 13/10/2017       |
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| 231 Biochemistry To be announced  | 230        | Manufacturing Process Technology -Part I<br>Error Control Coding: An Introduction to Convoluti<br>Manufacturing Systems Technology<br>Industrial Automation and Control                 | To be announce<br>To be announce<br>To be announce                   | d<br>d<br>d      |
| 232 Introduction to Information Security - I To be announced  | 230<br>231 | Manufacturing Process Technology -Part I<br>Error Control Coding: An Introduction to Convoluti<br>Manufacturing Systems Technology<br>Industrial Automation and Control<br>Biochemistry | To be announce<br>To be announce<br>To be announce<br>To be announce | d<br>d<br>d<br>d |

| 233 | Practical English: Learning and Teaching            | <mark>To be announce</mark> d |
|-----|---|-------------------------------|
| 234 | Technology Transfer through Joint Venture           | <mark>To be announce</mark> d |
| 235 | Engineering Graphics                                | <mark>To be announce</mark> d |
| 236 | Artificial Intelligence: Search Methods for Problem | To be announce <mark>d</mark> |
| 237 | Legal Compliance for Incorporating Startup          | To be announced               |
| 238 | Basics of Noise and Its Measurements                | <mark>To be announce</mark> d |
| 239 | Programming and Data Structures                     | <mark>To be announce</mark> d |
| 240 | Information Security- II                            | To be announce <mark>d</mark> |
| 241 | Psychiatry - An overview                            | To be announced               |
| 242 | Film Appreciation                                   | <mark>To be announce</mark> d |
| 243 | Basics of Finite Element Analysis-I                 | <mark>To be announce</mark> d |
| 244 | Mass spectrometry based proteomics                  | <mark>To be announce</mark> d |
| 245 | Mechanics, Heat, Oscillations and Waves             | <mark>To be announce</mark> d |
| 246 | Basic Tools of Microwave Engineering                | <mark>To be announce</mark> d |
| 247 | Managing Services                                   | <mark>To be announce</mark> d |
| 248 | Chemistry - II                                      | <mark>To be announce</mark> d |
| 249 | Proteins and Gel-Based Proteomics                   | <mark>To be announce</mark> d |
| 250 | Fundamentals of optical and scanning electron mic   | To be announced               |
| 251 | An Invitation to Mathematics                        | <mark>To be announce</mark> d |

| nt and Upcoming Courses     | dated : 12th July 2017                                |
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| Ms Sibas                    | NIOS  |
| Meeta Nihalani              | Jai Narain Vyas University                            |
| Anuradha Mathur             | National Council of Educational Research and Training |
| kiran prajapati             | Gujarat University                                    |
| GurpreetSingh Lehal         | Punjabi University - Patiala                          |
| V. V. Subrahmanyam          | Indira Gandhi National Open University                |
| Anuradha Mathur             | National Council of Educational Research and Training |
| Sanghmitra Suryapani        | NIOS  |
| Shimray Chochong Vareichung | National Council of Educational Research and Training |
| Ravi Bhushan                | IIT Roorkee   |
| RK Nayak                    | NIOS  |
| NK Jain                     | Gujarat University                                    |
| Saroj Chaman                | Punjabi University - Patiala                          |
| Azmat Noori                 | NIOS  |
| Azmat Noori                 | NIOS  |
| Swaminathan G. Badrinath    | Indian Institute of Management - Bangalore            |
| Ms Sibas                    | NIOS  |
| Sanchita Bhatachary         | NIOS  |
| Ms Sibas                    | NIOS  |
| Alka Mehrotra               | National Council of Educational Research and Training |
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| Tannu Malik                 | National Council of Educational Research and Training |
| Vaidya Shipra               | National Council of Educational Research and Training |
| Saumya Rajan                | NIOS  |
| Shachi Shah                 | Indira Gandhi National Open University                |
| MK Salooja                  | Indira Gandhi National Open University                |
| Archana Shukla              | Indira Gandhi National Open University                |
| Uma Kanjilal                | Indira Gandhi National Open University                |
| Shivaji Bhaskar             | Indira Gandhi National Open University                |
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| Multi faculty             | IIT Madras                                       |
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