

| SWARRNIM STARTUP & INNOVATION UNIVERSITY             |                                                  |                           |                           |                                                                                             |         |
|------------------------------------------------------|--------------------------------------------------|---------------------------|---------------------------|---------------------------------------------------------------------------------------------|---------|
| SWARRNIM INSTITUTE OF TECHNOLOGY                     |                                                  |                           |                           |                                                                                             |         |
| DEPARTMENT OF SCIENCE AND HUMANITY                   |                                                  |                           |                           |                                                                                             |         |
| LESSON PLANNING OF BRIDGE COURSE LECTURE (2023-24)   |                                                  |                           |                           |                                                                                             |         |
| Academic Year : 2023-24                              |                                                  | Name of Subject :         |                           | Bridge Course (Maths/Physics/English/Basic Engineering/Electrical and Electronics Workshop) |         |
| Duration: 4 Week (10/07/2023 to 06/08/2023)          |                                                  | Sem :                     |                           | 1st                                                                                         |         |
| Sr. No.                                              | Topic                                            | Planned Date              | Actual Date               | Name of Faculty                                                                             | Remarks |
| Maths                                                |                                                  |                           |                           |                                                                                             |         |
| 1                                                    | Exponential and Logarithms, Algebraic Expression | 10-07-2023 to 13-07-2023  | 10-07-2023 to 13-07-2023  | Dr. Leene Patekar & Prof. Kalpesh Pandya                                                    |         |
| 2                                                    | Trigonometry                                     | 17-07-2023 to 20-07-2023  | 17-07-2023 to 20-07-2023  |                                                                                             |         |
| 4                                                    | Permutation, Combination & Probability           | 24-07-2023 to 27-07-2023  | 24-07-2023 to 27-07-2023  |                                                                                             |         |
| 5                                                    | Differential and Integration                     | 31-07-2023 to 03-08-2023  | 31-07-2023 to 03-08-2023  |                                                                                             |         |
| Physics                                              |                                                  |                           |                           |                                                                                             |         |
| 1                                                    | Classical Mechanics: Sub Topics (If any)         | 10-07-2023 to 13-07-2023  | 10-07-2023 to 13-07-2023  | Prof. Jinal Shara                                                                           |         |
| 2                                                    | Electricity and Magnetism                        | 17-07-2023 to 20-07-2023  | 17-07-2023 to 20-07-2023  |                                                                                             |         |
| 3                                                    | Basic Electronics                                | 24-07-2023 to 27-07-2023  | 24-07-2023 to 27-07-2023  |                                                                                             |         |
| 4                                                    | Properties of Matter                             | 31-07-2023 to 03-08-2023  | 31-07-2023 to 03-08-2023  |                                                                                             |         |
| English                                              |                                                  |                           |                           |                                                                                             |         |
| 1                                                    | Parts of Speech                                  | 10-07-2023 to 12-07-2023  | 10-07-2023 to 12-07-2023  | Prof. Suman Vaghela                                                                         |         |
| 2                                                    | Sentence and Its Parts                           | 17-07-2024 to 19-07-2024  | 17-07-2024 to 19-07-2024  |                                                                                             |         |
| 3                                                    | Tenses                                           | 24-07-2024 to 26-07-2024  | 24-07-2024 to 26-07-2024  |                                                                                             |         |
| 4                                                    | LSRW                                             | 31-07-2024 to 02-08-2024  | 31-07-2024 to 02-08-2024  |                                                                                             |         |
| Basic Engineering                                    |                                                  |                           |                           |                                                                                             |         |
| 1                                                    | Internal Combustion Engines:                     | 11-07-2023                | 11-07-2023                | Prof. Kalpesh Patel                                                                         |         |
| 2                                                    | Pumps:                                           | 18-07-2023                | 18-07-2023                |                                                                                             |         |
| 4                                                    | Air Compressors                                  | 25-07-2023                | 25-07-2023                |                                                                                             |         |
| 5                                                    | Refrigeration & Air Conditioning                 | 01-08-2023                | 01-08-2023                |                                                                                             |         |
| Electrical and Electronics Workshop                  |                                                  |                           |                           |                                                                                             |         |
| 1                                                    | Electronic Components                            | 12-07-2023                | 12-07-2023                | Prof. Ramji Kanani                                                                          |         |
| 2                                                    | Measuring Instruments and Tools Building.        | 19-07-2023                | 19-07-2023                |                                                                                             |         |
| 3                                                    | Soldering and Testing of Electronic Circuits     | 26-07-2023 and 02-08-2023 | 26-07-2023 and 02-08-2023 |                                                                                             |         |
| Review by HOD : All syllabus covered as per schedule |                                                  |                           |                           | Head Of Department<br>Dr. Leene Patekar                                                     |         |