

# YEAR 1 SOFTWARE LIST 2024

| Sch                   | Short Name                        | Course  | NB Type       | Software List       |                     |                          |   |                   |                 |              |  |                    |
|-----------------------|-----------------------------------|---|---------------|---------------------|---------------------|--------------------------|---|-------------------|-----------------|--------------|--|--------------------|
| ALL                   |                                   | Foundation Program (FPSCI) - Science                  | Win           | MS Office 365       |                     |                          |   |                   |                 |              |  |                    |
|                       |                                   | Foundation Program (FPTEC) - Technology               | Win           | MS Office 365       | Visual Studio Code  |                          |   |                   |                 |              |  |                    |
|                       |                                   | Foundation Program (FPNST) - Non-Science / Technology | Both          | MS Office 365       | Adobe CC            |                          |   |                   |                 |              |  |                    |
| Common Entry Programs | CEP                               | Common Engineering Programme                          | Win           | MS Office 365       | Autodesk Fusion360  | Arduino IDE for PC       |   |                   |                 |              |  |                    |
|                       | CBP                               | Common Business Programme                             | Win           | MS Office 365       | Adobe CC            | Python 3.10.2            | Visual Studio Code  |                   |                 |              |  |                    |
|                       | CMP                               | Common Media Programme                                | Both          | MS Office 365       | Adobe CC            |                          |   |                   |                 |              |  |                    |
|                       | CSP                               | Common Science Programme                              | Win           | MS Office 365       | R Software v3.6.2   | RStudio Desktop 1.2.5033 | Polymath Edu 2020-21  | ChemsSketch 2020  | Hyper32 v1.0    | DA Plus v9.0 | Python 3.10.2  |                    |
|                       | CICTP                             | Common ICT Programme                                  | Win           | MS Office 365       | Adobe CC            | Visio 2021 (web)         | VS Community 2022 (with SQL Server Express 2022 LocalDB add-in) | Python 3.11.1     |                 |              |  |                    |
| BA                    | ACC                               | Accountancy   | Win           | MS Office 365       | Adobe CC            | Python 3.10.2            | Visual Studio Code  |                   |                 |              |  |                    |
|                       | BF                                | Banking & Finance                                     | Win           | MS Office 365       | Adobe CC            | Python 3.10.2            | Visual Studio Code  |                   |                 |              |  |                    |
|                       | BS                                | Business Studies                                      | Win           | MS Office 365       | Adobe CC            | Python 3.10.2            | Visual Studio Code  |                   |                 |              |  |                    |
|                       | ITB                               | International Trade & Business                        | Win           | MS Office 365       | Adobe CC            | Python 3.10.2            | Visual Studio Code  |                   |                 |              |  |                    |
|                       | TRM                               | Tourism & Resort Management                           | Win           | MS Office 365       | Adobe CC            | Python 3.10.2            | Visual Studio Code  |                   |                 |              |  |                    |
| DE                    | DES                               | Design  | Win           | MS Office 365       | Adobe CC            | AutoCAD 2023             | SketchUp Make 2017  | Rhino 7           |                 |              |  |                    |
|                       | HLFM                              | Hotel & Leisure Facilities Management                 | Win           | MS Office 365       | Adobe CC            | Tableau Reader           |   |                   |                 |              |  |                    |
|                       | REB                               | Real Estate Business                                  | Win           | MS Office 365       | Adobe CC            | Revit 2022               | Tableau Reader  |                   |                 |              |  |                    |
| FMS                   | FSV                               | Film, Sound & Video                                   | Mac           | MS Office 365 (Mac) | Adobe CC (Mac)      |                          |   |                   |                 |              |  |                    |
|                       | MCM                               | Mass Communication                                    | Both          | MS Office 365       | Adobe CC            |                          |   |                   |                 |              |  |                    |
|                       | MPP                               | Media Post-Production                                 | Both          | MS Office 365       | Adobe CC            |                          |   |                   |                 |              |  |                    |
| HMS                   | ABM                               | Arts Business Management                              | Win           | MS Office 365       | Adobe CC            |                          |   |                   |                 |              |  |                    |
|                       | CDT                               | Community Development                                 | Win           | MS Office 365       | Adobe CC            |                          |   |                   |                 |              |  |                    |
|                       | CHS                               | Chinese Studies                                       | Win           | MS Office 365       | Adobe CC            |                          |   |                   |                 |              |  |                    |
|                       | CMC                               | Chinese Media & Communications                        | Both          | MS Office 365       | Adobe CC            |                          |   |                   |                 |              |  |                    |
|                       | ECDE                              | Early Childhood Development and Education             | Win           | MS Office 365       | Adobe CC            |                          |   |                   |                 |              |  |                    |
| HS                    | TSE                               | Tamil Studies with Early Education                    | Win           | MS Office 365       | Adobe CC            |                          |   |                   |                 |              |  |                    |
|                       | NSG                               | Nursing   | Both          | MS Office 365       | Adobe CC            |                          |   |                   |                 |              |  |                    |
| ICT                   | OPT                               | Optometry   | Both          | MS Office 365       | Adobe CC            |                          |   |                   |                 |              |  |                    |
|                       | CSF                               | CyberSecurity & Digital Forensics                     | Win           | MS Office 365       | Adobe CC            | Visio 2021 (web)         | VS Community 2022 (with SQL Server Express 2022 LocalDB add-in) | Python 3.11.1     | SAP Client v7.5 |              | VMWare Workstation Pro 17 / VMWare Workstation Player 17 | Oracle Virtuabox 7 |
| LSCT                  | DS                                | Data Science  | Win           | MS Office 365       | Adobe CC            | Visio 2021 (web)         | VS Community 2022 (with SQL Server Express 2022 LocalDB add-in) | Python 3.11.1     | SAP Client v7.5 |              |  |                    |
|                       | IM                                | Immersive Media                                       | Win           | MS Office 365       | Adobe CC            | Python 3.11.1            |   |                   |                 |              |  |                    |
|                       | IT                                | Information Technology                                | Win           | MS Office 365       | Adobe CC            | Visio 2021 (web)         | VS Community 2022 (with SQL Server Express 2022 LocalDB add-in) | Python 3.11.1     |                 |              |  |                    |
|                       | BMS                               | Biomedical Science                                    | Win           | MS Office 365       | R Software v3.6.2   | RStudio Desktop 1.2.5033 | Polymath Edu 2020-21  | ChemsSketch 2020  | Hyper32 v1.0    | DA Plus v9.0 | Python 3.10.2  |                    |
| SOE                   | CBE                               | Chemical & Biomolecular Engineering                   | Win           | MS Office 365       | AutoCAD 2024        | AspenHysys               | Polymath Edu 2020-21  | ChemsSketch 2020  | Hyper32 v1.0    |              |  |                    |
|                       | EWT                               | Environmental & Water Technology                      | Win           | MS Office 365       | AutoCAD 2024        | Google colab             | YoloV8  | Arduino IDE       | Pycharm         |              |  |                    |
|                       | LDH                               | Landscape Design & Horticulture                       | Win           | MS Office 365       | AutoCAD 2024        | Adobe CC                 | Polymath Edu 2020-21  | SketchUp Pro 2022 | Revit 2021      |              |  |                    |
|                       | PHARM                             | Pharmaceutical Science                                | Win           | MS Office 365       | R Software v3.6.2   | RStudio Desktop 1.2.5033 | Polymath Edu 2020-21  | ChemsSketch 2020  | Hyper32 v1.0    | DA Plus v9.0 |  |                    |
|                       | AG                                | Aerospace Engineering                                 | Win           | MS Office 365       | Creo 4              | Autodesk Fusion 360      | Tina  | Arduino IDE       | Tinkercad       |              |  |                    |
|                       | MR                                | Mechatronics & Robotics                               | Win           | MS Office 365       | Autodesk Fusion 360 |                          |   |                   |                 |              |  |                    |
|                       | BME                               | Biomedical Engineering                                | Win           | MS Office 365       | VS Community 2022   |                          | Tina  | Arduino IDE       | Tinkercad       |              |  |                    |
| ECE                   | Electronic & Computer Engineering | Win   | MS Office 365 | VS Community 2022   |                     | Tina                     | Arduino IDE   | Tinkercad         |                 |              |  |                    |
| SOE                   | EE                                | Electrical Engineering                                | Win           | MS Office 365       |                     |                          | Tina  | Arduino IDE       | Tinkercad       |              |  |                    |
|                       | ES                                | Engineering Science                                   | Win           | MS Office 365       | AutoCAD 2021        | VS Community 2022        | Tina  | Arduino IDE       | Tinkercad       |              |  |                    |
|                       | ME                                | Mechanical Engineering                                | Win           | MS Office 365       | Autodesk Fusion 360 |                          |   |                   |                 |              |  |                    |
|                       | MOT                               | Marine & Offshore Technology                          | Win           | MS Office 365       | VS Community 2022   | AutoCAD 2024             | Autodek Fusion 360  |                   |                 |              |  |                    |