

| ROUTINE FOR ODD SEMESTER 2022-23              |                                          |               |               |            |             |                                         |               |               |               |
|-----------------------------------------------|------------------------------------------|---------------|---------------|------------|-------------|-----------------------------------------|---------------|---------------|---------------|
| DEPARTMENT : COMPUTER SCIENCE AND ENGINEERING |                                          |               |               |            |             |                                         |               |               |               |
|                                               |                                          | YEAR - 2ND    | SEMESTER- 3rd | SECTION-A  | ROOM:N311   |                                         |               |               |               |
| DAY/TIME                                      | 9.30 - 10.30                             | 10.30 - 11.30 | 11.30 - 12.30 | 12:30-1:30 | 1:30-2:00PM | 02.00 - 03.00                           | 03.00 - 04.00 | 04.00 - 05.00 | 05.00 - 06.00 |
| Monday                                        | PCC-CS393(G2)-N315 / PCC-CS392(G1)-N312A |               |               |            | L           | PCC-CS302                               | PCC-CS302     | BSC301        | BSC301        |
| Tuesday                                       | PCC-CS391(G1)-N315 /ESC-CS391(G2)-N312A  |               |               |            | U           | HSMC 301                                | HSMC 301      | Library       |               |
| Wednesday                                     |                                          | PCC-CS301     | PCC-CS301     | PCC-CS302  | N           | ESC 301                                 |               | CSDM          | CSDM          |
| Thursday                                      | PCC-CS393(G1)-N315 / PCC-CS392(G2)-N312A |               |               |            | C           | BSC301                                  | BSC301        | HSMC 301      |               |
| Friday                                        |                                          | ESC 301       | ESC 301       | PCC-CS301  | H           | PCC-CS391(G2)-N315 /ESC-CS391(G1)-N312A |               |               |               |

| THEORY |            |                                         |                        |
|--------|------------|-----------------------------------------|------------------------|
| Sl No  | PAPER CODE | PAPER NAME                              | FACULTY NAME           |
| 1      | ESC 301    | Analog & Digital Electronics            | Mr. Kaushik Mallick    |
| 2      | PCC-CS301  | Data Structure & Algorithm              | Dr. Pramit Ghosh       |
| 3      | PCC-CS302  | Computer Organization                   | Mr. Anirban Dey        |
| 4      | BSC301     | Mathematics-III (Differential Calculus) | Mr. Jahangir Chowdhury |
| 5      | HSMC 301   | Economics for Engineers (Humanities-II) | Visiting faculty       |

| PRACTICAL |           |                                |                     |
|-----------|-----------|--------------------------------|---------------------|
| 6         | ESC 391   | Analog Lab                     | Mr. Kaushik Mallick |
| 7         | PCC-CS391 | Data Structure & Algorithm Lab | Dr. Pramit Ghosh    |
| 8         | PCC-CS392 | Computer Organization Lab      | Mr. Anirban Dey     |
| 9         | PCC-CS393 | IT Workshop Lab                | Mrs. Alokandadey    |

| ROUTINE FOR ODD SEMESTER 2022-23              |            |               |           |       |       |  |
|-----------------------------------------------|------------|---------------|-----------|-------|-------|--|
| DEPARTMENT : COMPUTER SCIENCE AND ENGINEERING |            |               |           |       |       |  |
|                                               | YEAR - 2ND | SEMESTER- 3rd | SECTION-B | ROOM: | N314D |  |

| Day       | 9.30 - 10.30                             | 10.30 -11.30 | 11.30 - 12.30 | 12:30-1:30 | 1:30-2:00PM | 02.00 - 03.00 | 03.00 - 04.00                            | 04.00 - 05.00 | 05.00 - 06.00 |
|-----------|------------------------------------------|--------------|---------------|------------|-------------|---------------|------------------------------------------|---------------|---------------|
| Monday    |                                          | PCC-CS302    | PCC-CS302     | HSMC 301   | L           |               | PCC-CS393(G1)-N315 / PCC-CS392(G2)-N312A |               |               |
| Tuesday   |                                          | ESC 301      | ESC 301       | PCC-CS301  | U           |               | PCC-CS391(G1)-N315 /ESC-CS391(G2)-N312A  |               |               |
| Wednesday | PCC-CS393(G2)-N315 / PCC-CS392(G1)-N312A |              |               |            | N           | BSC301        | BSC301                                   | CSDM          | CSDM          |
| Thursday  |                                          | PCC-CS301    | PCC-CS301     | ESC 301    | C           |               | PCC-CS391(G2)-N315 /ESC-CS391(G1)-N312A  |               |               |
| Friday    |                                          | PCC-CS302    | BSC301        | BSC301     | H           | HSMC 301      | HSMC 301                                 | Library       |               |

| THEORY    |            |                                         |                        |
|-----------|------------|-----------------------------------------|------------------------|
| SL NO     | PAPER CODE | PAPER NAME                              | FACULTY NAME           |
| 1         | ESC 301    | Analog & Digital Electronics            | Mrs. Satabdwi Sarkar   |
| 2         | PCC-CS301  | Data Structure & Algorithm              | Sk. Mazharul Islam     |
| 3         | PCC-CS302  | Computer Organization                   | Mr. Swapan Shakhari    |
| 4         | BSC301     | Mathematics-III (Differential Calculus) | Mr. Jahangir Chowdhury |
| 5         | HSMC 301   | Economics for Engineers (Humanities-II) | Visiting faculty       |
| PRACTICAL |            |                                         |                        |
| 6         | ESC 391    | Analog Lab                              | Mrs. Satabdwi Sarkar   |
| 7         | PCC-CS391  | Data Structure & Algorithm Lab          | Sk. Mazharul Islam     |
| 8         | PCC-CS392  | Computer Organization Lab               | Mr. Swapan Shakhari    |
| 9         | PCC-CS393  | IT Workshop Lab                         | Mr. Souvik Majumdar    |

| ROUTINE FOR ODD SEMESTER 2022-23              |            |               |           |       |      |
|-----------------------------------------------|------------|---------------|-----------|-------|------|
| DEPARTMENT : COMPUTER SCIENCE AND ENGINEERING |            |               |           |       |      |
|                                               | YEAR - 3RD | SEMESTER- 5th | SECTION-A | ROOM: | N308 |

| DAY/TIME  | 9.30 - 10.30 | 10.30 - 11.30         | 11.30 - 12.30         | 12.30-1:30            | 1:30-2:00PM | 02.00 - 03.00 | 03.00 - 04.00                               | 04.00 - 05.00 | 05.00 - 06.00 |
|-----------|--------------|-----------------------|-----------------------|-----------------------|-------------|---------------|---------------------------------------------|---------------|---------------|
| Monday    |              | PCC-CS501             | PCC-CS501             | PCC-CS503             | L           |               | PCC-CS593(G1)-N316 /ES-CS591(G2) LAB 312-B  |               |               |
| Tuesday   |              | PCC-CS503             | PCC-CS503             | PCC-CS502             | U           |               | PCC-CS592(G1)-N317 /PCC-CS593(G2)-N316      |               |               |
| Wednesday |              | PCC-CS502             | PCC-CS502             | PEC-IT501B/PEC-IT501A | N           | CSDM          | CSDM                                        | ESC501        | Library       |
| Thursday  |              |                       | HSMC501               | HSMC501               | C           |               | PCC-CS592(G2) -N317 /ES-CS591(G1) LAB 312-B |               |               |
| Friday    |              | PEC-IT501B/PEC-IT501A | PEC-IT501B/PEC-IT501A | PCC-CS501             | H           | ESC501        | ESC501                                      | MC- CS501     | MC- CS501     |

| THEORY    |            |                                                        |                              |
|-----------|------------|--------------------------------------------------------|------------------------------|
| Sl No     | PAPER CODE | PAPER NAME                                             | FACULTY NAME                 |
| 1         | ESC501     | Software Engineering                                   | Mr.Jaydip Mukhopadhyay       |
| 2         | PCC-CS501  | Compiler Design                                        | Dr. Anup Kumar Kolya         |
| 3         | PCC-CS502  | Operating System                                       | Mr. Harinandan tunga         |
| 4         | PCC-CS503  | Object Oriented Programming                            | Mr. Arup Kumar Bhattacharjee |
| 5         | PEC-IT501A | Theory of Computation                                  | Mr.Rajib Saha                |
| 6         | PEC-IT501B | Artificial Intelligence                                | Prof. Dipankar Majumdar      |
| 7         | MC- CS501  | Constitution of India                                  | Dr. S.K.Dey                  |
| 8         | HSMC501    | Introduction to Industrial Management (Humanities III) | Mrs.Jhuma Ray                |
| PRACTICAL |            |                                                        |                              |
| 9         | ESC-591    | Software Engineering Lab                               | Mr.Jaydip Mukhopadhyay       |
| 10        | PCC-CS592  | Operating System Lab                                   | Mr. Harinandan Tunga         |
| 11        | PCC-CS593  | Object Oriented Programming Lab                        | Mr. Arup Kumar Bhattacharjee |

| ROUTINE FOR ODD SEMESTER 2022-23              |            |               |           |       |      |  |
|-----------------------------------------------|------------|---------------|-----------|-------|------|--|
| DEPARTMENT : COMPUTER SCIENCE AND ENGINEERING |            |               |           |       |      |  |
|                                               | YEAR - 3RD | SEMESTER- 5TH | SECTION-B | ROOM: | N311 |  |

| DAY/TIME  | 9.30 - 10.30 | 10.30 - 11.30                          | 11.30 - 12.30         | 12.30-1:30            | 1:30-2:00PM | 02.00 - 03.00 | 03.00 - 04.00                              | 04.00 - 05.00 | 05.00 - 06.00 |
|-----------|--------------|----------------------------------------|-----------------------|-----------------------|-------------|---------------|--------------------------------------------|---------------|---------------|
| Monday    |              | PCC-CS502                              | PCC-CS502             | ESC501                | L           |               | PCC-CS592(G1)-N317 /ES-CS591(G2) LAB 312-B |               |               |
| Tuesday   |              | PCC-CS503                              | PCC-CS503             | PCC-CS502             | U           | ESC501        | ESC501                                     | PCC-CS501     |               |
| Wednesday |              | HSMCS01                                | HSMCS01               | PEC-ITS01B/PEC-ITS01A | N           | CSDM          | CSDM                                       | Library       |               |
| Thursday  |              | PCC-CS592(G2)-N317 /PCC-CS593(G1)-N316 |                       |                       | C           |               | ES-CS591(G1) LAB 312-B/PCC-CS593(G2)-N316  |               |               |
| Friday    |              | PEC-ITS01B/PEC-ITS01A                  | PEC-ITS01B/PEC-ITS01A | PCC-CS503             | H           | PCC-CS501     | PCC-CS501                                  | MC- CS501     | MC- CS501     |

| THEORY |            |                                                        |                           |
|--------|------------|--------------------------------------------------------|---------------------------|
| SL NO  | PAPER CODE | PAPER NAME                                             | FACULTY NAME              |
| 1      | ESC501     | Software Engineering                                   | Mrs.Monika Singh          |
| 2      | PCC-CS501  | Compiler Design                                        | Mr Somenath Nag Choudhury |
| 3      | PCC-CS502  | Operating System                                       | Mrs. Priya Sen Purkait    |
| 4      | PCC-CS503  | Object Oriented Programming                            | Ms. Srirupa Das           |
| 5      | PEC-ITS01A | Theory of Computation                                  | Mr.Rajib Saha             |
| 6      | PEC-ITS01B | Artificial Intelligence                                | Sk. Mazharul Islam        |
| 7      | MC- CS501  | Constitution of India                                  | Dr. S.K.Dey               |
| 8      | HSMCS01    | Introduction to Industrial Management (Humanities III) | Mrs.Jhuma Ray             |

| PRACTICAL |           |                                 |                        |
|-----------|-----------|---------------------------------|------------------------|
| 9         | ESC-591   | Software Engineering Lab        | Mrs. Monika Singh      |
| 10        | PCC-CS592 | Operating System Lab            | Mrs. Priya Sen Purkait |
| 11        | PCC-CS593 | Object Oriented Programming Lab | Ms. Srirupa Das        |

| ROUTINE FOR ODD SEMESTER 2022-23          |              |               |               |              |             |               |               |               |
|-------------------------------------------|--------------|---------------|---------------|--------------|-------------|---------------|---------------|---------------|
| DEPARTMENT:COMPUTER SCIENCE & ENGINEERING |              |               |               |              |             |               |               |               |
| YEAR:4TH                                  |              |               | SEMESTER:7    | SEC-A        |             | ROOM:         | N314B         |               |
| DAY/TIME                                  | 9.30 - 10.30 | 10.30 - 11.30 | 11.30 - 12.30 | 12:30-1:30   | 1:30-2:00PM | 02.00 - 03.00 | 03.00 - 04.00 | 04.00 - 05.00 |
| Monday                                    |              |               | HSMC 701      | HSMC 701     | L           | PEC CS 702 E  | PEC CS 702 E  |               |
| Tuesday                                   |              | PEC CS 702 E  | OEC CS 701 B  | OEC CS 701 B | U           | PEC CS 701 B  | PEC CS 701 B  |               |
| Wednesday                                 |              | Library       | PROJCS781     |              | N           | PROJCS781     |               |               |
| Thursday                                  |              |               | HSMC 701      | PEC CS 701 B | C           | PROJCS781     |               |               |
| Friday                                    |              |               |               | OEC CS 701 B | H           | PROJCS781     |               |               |

| THEORY |              |                                         |                           |
|--------|--------------|-----------------------------------------|---------------------------|
| S.NO   | PAPER CODE   | PAPER NAME                              | FACULTY NAME              |
| 1      | PEC CS 701 B | Cloud Computing                         | Mr.Koushik Mallick        |
| 2      | PEC CS 702 E | Cyber Security                          | Mr Somenath Nag Choudhury |
| 3      | OEC CS 701 B | Multimedia Technology                   | Mr Rajib Saha             |
| 4      | HSMC 701     | Project Management and Entrepreneurship | Visiting Faculty          |
| 5      | PROJCS 781   | Project-II                              |                           |

| DRAFT ROUTINE FOR ODD SEMESTER 2022       |              |              |               |              |                 |               |               |               |               |
|-------------------------------------------|--------------|--------------|---------------|--------------|-----------------|---------------|---------------|---------------|---------------|
| DEPARTMENT:COMPUTER SCIENCE & ENGINEERING |              |              |               |              |                 |               |               |               |               |
| YEAR:4TH                                  |              |              | SEMESTER:7    | SEC-B        |                 |               | ROOM:         | N318          |               |
| DAY/TIME                                  | 9.30 - 10.30 | 10.30 -11.30 | 11.30 - 12.30 | 12:30-1:30   | 1:30-2:00P<br>M | 02.00 - 03.00 | 03.00 - 04.00 | 04.00 - 05.00 | 05.00 - 06.00 |
| Monday                                    |              | Library      | PEC CS 701 B  | PEC CS 701 B | L               | PROJCS781     |               |               |               |
| Tuesday                                   |              | PEC CS 701 B | PEC CS 702 E  | PEC CS 702 E | U               | PROJCS781     |               |               |               |
| Wednesday                                 |              | OEC CS 701 B | HSMC 701      |              | N               | PROJCS781     |               |               |               |
| Thursday                                  |              | PEC CS 702 E | OEC CS 701 B  | OEC CS 701 B | C               | PROJCS781     |               |               |               |
| Friday                                    |              | HSMC 701     | HSMC 701      |              | H               | PROJCS781     |               |               |               |

| THEORY |              |                                         |                           |
|--------|--------------|-----------------------------------------|---------------------------|
| S.NO   | PAPER CODE   | PAPER NAME                              | FACULTY NAME              |
| 1      | PEC CS 701 B | Cloud Computing                         | Mr. Souvik Majumdar       |
| 2      | PEC CS 702 E | Cyber Security                          | Mr Somenath Nag Choudhury |
| 3      | OEC CS 701 B | Multimedia Technology                   | Mr Rajib Saha             |
| 4      | HSMC 701     | Project Management and Entrepreneurship | Visiting Faculty          |
| 5      | PROJCS781    | Project-II                              |                           |

LAB 312-A

| DAY/TIME  | 9.30 - 10.30         | 10.30 - 11.30 | 11.30 - 12.30 | 12.30 - 1:30 | 1:30 - 2:00PM | 02.00 - 03.00        | 03.00 - 04.00 | 04.00 - 05.00 |
|-----------|----------------------|---------------|---------------|--------------|---------------|----------------------|---------------|---------------|
| Monday    | PCC-CS392(G1)-SEC-A  |               |               |              | L             | PCC-CS392(G2)-SEC-B  |               |               |
| Tuesday   | ESC-CS391(G2) -SEC-A |               |               |              | U             | ESC-CS391(G2) -SEC-B |               |               |
| Wednesday | PCC-CS392(G1)-SEC-B  |               |               |              | N             |                      |               |               |
| Thursday  | PCC-CS392(G2)-SEC-A  |               |               |              | C             | ESC-CS391(G1) -SEC-B |               |               |
| Friday    |                      |               |               |              | H             | ESC-CS391(G1) -SEC-A |               |               |

LAB 312-B

| DAY/TIME  | 9.30 - 10.30 | 10.30 - 11.30 | 11.30 - 12.30 | 12.30 - 1:30 | 1:30 - 2:00PM | 02.00 - 03.00                                         | 03.00 - 04.00 | 04.00 - 05.00 |
|-----------|--------------|---------------|---------------|--------------|---------------|-------------------------------------------------------|---------------|---------------|
| Monday    |              |               |               |              | L             | ES-CS591(G2) Sec-A/ES-CS591(G2) Sec-B SHIFTED TO 314A |               |               |
| Tuesday   |              |               |               |              | U             |                                                       |               |               |
| Wednesday |              |               |               |              | N             |                                                       |               |               |
| Thursday  |              |               |               |              | C             | ES-CS591(G1) Sec-A/ES-CS591(G1) Sec-B SHIFTED TO 314A |               |               |
| Friday    |              |               |               |              | H             |                                                       |               |               |

LAB-315

| DAY/TIME  | 9.30 - 10.30 | 10.30 - 11.30        | 11.30 - 12.30 | 12.30-1:30 | 1:30-2:00PM | 02.00 - 03.00 | 03.00 - 04.00        | 04.00 - 05.00 | 05.00 - 06.00 |
|-----------|--------------|----------------------|---------------|------------|-------------|---------------|----------------------|---------------|---------------|
| Monday    |              | PCC-CS393(G2)-SEC-A  |               |            | L           |               | PCC-CS393(G1) SEC-B  |               |               |
| Tuesday   |              | PCCS-CS391(G1) Sec-A |               |            | U           |               | PCCS-CS391(G1) Sec-B |               |               |
| Wednesday |              | PCC-CS393(G2) SEC-B  |               |            | N           |               |                      |               |               |
| Thursday  |              | PCC-CS393(G1)-SEC-A  |               |            | C           |               | PCCS-CS391(G2) Sec-B |               |               |
| Friday    |              |                      |               |            | H           |               | PCCS-CS391(G2) Sec-A |               |               |

LAB316

| DAY/TIME  | 9.30 - 10.30 | 10.30 - 11.30       | 11.30 - 12.30 | 12.30-1:30 | 1:30-2:00PM | 02.00 - 03.00 | 03.00 - 04.00       | 04.00 - 05.00 | 05.00 - 06.00 |
|-----------|--------------|---------------------|---------------|------------|-------------|---------------|---------------------|---------------|---------------|
| Monday    |              |                     |               |            | L           |               | PCC-CS593(G1) SEC-A |               |               |
| Tuesday   |              |                     |               |            | U           |               | PCC-CS593(G2) SEC-A |               |               |
| Wednesday |              |                     |               |            | N           |               |                     |               |               |
| Thursday  |              | PCC-CS593(G1) SEC-B |               |            | C           |               | PCC-CS593(G2) SEC-B |               |               |
| Friday    |              |                     |               |            | H           |               |                     |               |               |

LAB 317

| DAY/TIME  | 9.30 - 10.30 | 10.30 - 11.30       | 11.30 - 12.30 | 12.30-1:30 | 1:30-2:00PM | 02.00 - 03.00 | 03.00 - 04.00       | 04.00 - 05.00 | 05.00 - 06.00 |
|-----------|--------------|---------------------|---------------|------------|-------------|---------------|---------------------|---------------|---------------|
| Monday    |              |                     |               |            | L           |               | PCC-CS592(G1) SEC-B |               |               |
| Tuesday   |              |                     |               |            | U           |               | PCC-CS592(G1) SEC-A |               |               |
| Wednesday |              |                     |               |            | N           |               |                     |               |               |
| Thursday  |              | PCC-CS592(G2) SEC-B |               |            | C           |               | PCC-CS592(G2) SEC-A |               |               |
| Friday    |              |                     |               |            | H           |               |                     |               |               |

## M.Tech In Computer Science and Engineering

| ROUTINE FOR ONLINE CLASSES ODD SEMESTER 2022-23 |              |               |               |             |               |               |               |
|-------------------------------------------------|--------------|---------------|---------------|-------------|---------------|---------------|---------------|
| DEPARTMENT : COMPUTER SCIENCE AND ENGINEERING   |              |               |               |             |               |               |               |
|                                                 | YEAR - 1ST   |               | SEMESTER- 1ST |             | ROOM:         | N 310B        |               |
| DAY/TIME                                        | 10.30 -11.30 | 11.30 - 12.30 | 12:30-1:30    | 1:30-2:00PM | 02.00 - 03.00 | 03.00 - 04.00 | 04.00 - 05.00 |
| Monday                                          | PGCSE102(PB) |               | PGCSE105C(MB) | L           | PGCSE105C(MB) | PGCSE191(PB)  |               |
| Tuesday                                         | PGCSE103(SS) |               | PGCSE101(DM)  | U           | PGCSE101(DM)  | PGCSE192(AKK) |               |
| Wednesday                                       | PGCSE102(PB) |               | PGCSE104(HT)  | N           | PGCSE104(HT)  | PGCSE193      |               |
| Thursday                                        | PGCSE104(HT) |               |               | C           | PGCSE105C(MB) |               |               |
| Friday                                          |              | PGCSE103(SS)  |               | H           | PGCSE101(DM)  |               |               |

| THEORY    |            |                                  |                           |
|-----------|------------|----------------------------------|---------------------------|
| SI No     | PAPER CODE | PAPER NAME                       | FACULTY NAME              |
| 1         | PGCSE101   | Advanced Engineering Mathematics | Dr. Dipankar Majumdar(DM) |
| 2         | PGCSE102   | Advanced Operating System        | Dr.Parama Bagchi(PB)      |
| 3         | PGCSE103   | Advanced Computer Architecture   | MR. Swapan Shakhari(SS)   |
| 4         | PGCSE104   | Advanced Algorithms              | MR.Harinandan Tunga(HT)   |
| 5         | PGCSE105C  | Advanced Soft Computing          | Dr.Minakshi Banerjee(MB)  |
| PRACTICAL |            |                                  |                           |
| 1         | PGCSE191   | Operating System                 | Dr.Parama Bagchi(PB)      |
| 2         | PGCSE192   | Advanced                         | Dr. Anup Kumar Kolya(AKK) |
| 3         | PGCSE193   | Seminar – Based on               | Ms. Srirupa Das(SD)       |

|           |              | DEPARTMENT : COMPUTER SCIENCE AND ENGINEERING |               |               |             |                |               |               |               |
|-----------|--------------|-----------------------------------------------|---------------|---------------|-------------|----------------|---------------|---------------|---------------|
|           |              |                                               | YEAR - 2nd    | SEMESTER- 3rd |             |                |               |               |               |
|           |              |                                               |               |               |             |                |               |               |               |
| DAY/TIME  | 9.30 - 10.30 | 10.30 - 11.30                                 | 11.30 - 12.30 | 12:30-1:30    | 1:30-2:00PM | 02.00 - 03.00  | 03.00 - 04.00 | 04.00 - 05.00 | 05.00 - 06.00 |
| Monday    |              |                                               | PGCSE301B(AD) |               | L           | PGCSE302D(AKK) |               |               |               |
| Tuesday   |              | PGCSE393(SD+HT)                               |               |               |             | U              |               |               |               |
| Wednesday |              |                                               |               |               | N           |                |               |               |               |
| Thursday  |              |                                               |               |               | C           |                |               |               |               |
| Friday    |              |                                               | PGCSE301B(AD) |               | H           | PGCSE302D(AKK) |               |               |               |

| THEORY |            |                                                            |                                     |
|--------|------------|------------------------------------------------------------|-------------------------------------|
| SI No  | PAPER CODE | PAPER NAME                                                 | FACULTY NAME                        |
| 1      | PGCSE301B  | Teaching & Research Methodologies                          | Mrs. AlokandaDey                    |
| 2      | PGCSE302D  | Compiler construction                                      | Dr. anup Kumar Kolya                |
| 2      | PGCSE393   | Project – Part 1 (Dissertation I + Defence of Project - I) | Mr.Harinandan Tunga/ Ms. SRIRPA Das |