



**TARC**  
TUNKU ABDUL RAHMAN  
UNIVERSITY COLLEGE

BEYOND EDUCATION

# I-TE-C PROGRAMME



This programme is an educational approach to learning that uses Technology, Engineering, Computing, Science / Social Science and Entrepreneurship as access points for guiding student inquiry, exploring, and critical thinking. The results are students who take thoughtful risks, engage in experiential learning, persist in problem-solving, embrace collaboration, and work through the creative process. Students will be groomed to be future innovators, educators, and leaders of the 21st century



**13 JANUARY - 5 APRIL 2020**

**78 Hours**

**RM 1,500/pax**  
*(inclusive of 6% SST)*

**I-TE-C PROGRAMME TIMETABLE****WEEK 1 (8 Hours)**

| DATE                           | TIME            | PROGRAMME                                  | VENUE                                    |
|--------------------------------|-----------------|--|--|
| 13 January 2020<br>(Monday)    | 9 am – 10 am    | TRIZ<br>(Dr Keong Chee Seng)               | Y 101, 1 <sup>st</sup> Floor<br>Block Y  |
|                                | 10 am – 11 am   |  |  |
| 14 January 2020<br>(Tuesday)   | 9 am – 10 am    | Career guidance through SCDC               | SCDC Meeting<br>Room                     |
|                                | 10 am – 11 am   |  |  |
|                                | 11 am – 12 noon | Effective Communication<br>(Ms Amanda Lee) | Y 101, 1 <sup>st</sup> Floor,<br>Block Y |
|                                | 12 noon – 1 pm  |  |  |
| 15 January 2020<br>(Wednesday) | 9 am – 10 am    | 3D Modelling<br>(Ts. Ng Chan Wah)          | N 102                                    |
|                                | 10 am – 11 am   |  |  |

**WEEK 2 (10 Hours)**

| DATE                           | TIME            | PROGRAMME                                  | VENUE  |
|--------------------------------|-----------------|--|--|
| 20 January 2020<br>(Monday)    | 9 am – 10 am    | TRIZ<br>(Dr Keong Chee Seng)               | SA 203, 2 <sup>nd</sup> Floor,<br>Block SA,<br>East Campus |
|                                | 10 am – 11 am   |  |  |
|                                | 11 am – 12 noon | Business Idea<br>(Ms Chow Yi Ri)           | SA 203, 2 <sup>nd</sup> Floor,<br>Block SA,<br>East Campus |
| 21 January 2020<br>(Tuesday)   | 9 am – 10 am    | Talk on Faculty Programmes                 | DK 5   |
|                                | 10 am – 11 am   |  |  |
|                                | 11 am – 12 noon | Effective Communication<br>(Ms Amanda Lee) | SA 203, 2 <sup>nd</sup> Floor,<br>Block SA,<br>East Campus |
|                                | 12 noon – 1 pm  |  |  |
| 22 January 2020<br>(Wednesday) | 9 am – 10 am    | 3D Modelling<br>(Ts. Ng Chan Wah)          | N 102  |
|                                | 10 am – 11 am   |  |  |
|                                | 11 am – 12 noon | Business Idea<br>(Ms Chow Yi Ri)           | SA 203, 2 <sup>nd</sup> Floor,<br>Block SA,<br>East Campus |

**WEEK 3: CHINESE NEW YEAR BREAK (27 January – 2 February 2020)****WEEK 4 (8 Hours)**

| DATE                           | TIME            | PROGRAMME                                  | VENUE  |
|--------------------------------|-----------------|--|--|
| 3 February 2020<br>(Monday)    | 9 am – 10 am    | TRIZ<br>(Dr Keong Chee Seng)               | SA 203, 2 <sup>nd</sup> Floor,<br>Block SA,<br>East Campus |
|                                | 10 am – 11 am   |  |  |
|                                | 11 am – 12 noon | Business Idea<br>(Ms Chow Yi Ri)           | SA 203, 2 <sup>nd</sup> Floor,<br>Block SA,<br>East Campus |
| 4 February 2020<br>(Tuesday)   | 11 am – 12 noon | Effective Communication<br>(Ms Amanda Lee) | SA 203, 2 <sup>nd</sup> Floor,<br>Block SA,<br>East Campus |
|                                | 12 noon – 1 pm  |  |  |
| 5 February 2020<br>(Wednesday) | 9 am – 10 am    | 3D Modelling<br>(Ts. Ng Chan Wah)          | N 102  |
|                                | 10 am – 11 am   |  |  |
|                                | 11 am – 12 noon | Business Idea<br>(Ms Chow Yi Ri)           | SA 203, 2 <sup>nd</sup> Floor,<br>Block SA,<br>East Campus |

**WEEK 5 (10 Hours)**

| DATE                            | TIME            | PROGRAMME                                  | VENUE  |
|---------------------------------|-----------------|--|--|
| 10 February 2020<br>(Monday)    | 9 am – 10 am    | TRIZ<br>(Dr Keong Chee Seng)               | SA 203, 2 <sup>nd</sup> Floor,<br>Block SA,<br>East Campus |
|                                 | 10 am – 11 am   |  |  |
|                                 | 11 am – 12 noon | Business Idea<br>(Ms Chow Yi Ri)           | SA 203, 2 <sup>nd</sup> Floor,<br>Block SA,<br>East Campus |
|                                 |                 |  |  |
| 11 February 2020<br>(Tuesday)   | 9 am – 10 am    | Prezi<br>(Ms Chai Li Kuen)                 | SD 107A & 107B,<br>East Campus                             |
|                                 | 10 am – 11 am   |  |  |
|                                 | 11 am – 12 noon | Effective Communication<br>(Ms Amanda Lee) | SA 203, 2 <sup>nd</sup> Floor,<br>Block SA,<br>East Campus |
|                                 | 12 noon – 1 pm  |  |  |
|                                 |                 |  |  |
| 12 February 2020<br>(Wednesday) | 9 am – 10 am    | 3D Modelling<br>(Ts. Ng Chan Wah)          | N 102  |
|                                 | 10 am – 11 am   |  |  |
|                                 | 11 am – 12 noon | Business Idea<br>(Ms Chow Yi Ri)           | SA 203, 2 <sup>nd</sup> Floor,<br>Block SA,<br>East Campus |
|                                 |                 |  |  |

**WEEK 6 (10 Hours)**

| DATE                            | TIME            | PROGRAMME                                  | VENUE  |
|---------------------------------|-----------------|--|--|
| 17 February 2020<br>(Monday)    | 9 am – 10 am    | TRIZ<br>(Dr Keong Chee Seng)               | SA 203, 2 <sup>nd</sup> Floor,<br>Block SA,<br>East Campus |
|                                 | 10 am – 11 am   |  |  |
|                                 | 11 am – 12 noon | Business Idea<br>(Ms Chow Yi Ri)           | SD 107A & 107B,<br>East Campus                             |
|                                 |                 |  |  |
| 18 February 2020<br>(Tuesday)   | 9 am – 10 am    | Prezi<br>(Ms Chai Li Kuen)                 | SD 107A & 107B,<br>East Campus                             |
|                                 | 10 am – 11 am   |  |  |
|                                 | 11 am – 12 noon | Effective Communication<br>(Ms Amanda Lee) | SA 203, 2 <sup>nd</sup> Floor,<br>Block SA,<br>East Campus |
|                                 | 12 noon – 1 pm  |  |  |
|                                 |                 |  |  |
| 19 February 2020<br>(Wednesday) | 9 am – 10 am    | 3D Modelling<br>(Ts. Ng Chan Wah)          | N 102  |
|                                 | 10 am – 11 am   |  |  |
|                                 | 11 am – 12 noon | Business Idea<br>(Ms Chow Yi Ri)           | SD 107A & 107B,<br>East Campus                             |
|                                 |                 |  |  |

**WEEK 7 (10 Hours)**

| DATE                            | TIME            | PROGRAMME                                  | VENUE  |
|---------------------------------|-----------------|--|--|
| 24 February 2020<br>(Monday)    | 9 am – 10 am    | TRIZ<br>(Dr Keong Chee Seng)               | SA 203, 2 <sup>nd</sup> Floor,<br>Block SA,<br>East Campus |
|                                 | 10 am – 11 am   |  |  |
|                                 | 11 am – 12 noon | Business Idea<br>(Ms Chow Yi Ri)           | SD 107A & 107B,<br>East Campus                             |
|                                 |                 |  |  |
| 25 February 2020<br>(Tuesday)   | 9 am – 10 am    | Prezi<br>(Ms Chai Li Kuen)                 | SD 107A & 107B,<br>East Campus                             |
|                                 | 10 am – 11 am   |  |  |
|                                 | 11 am – 12 noon | Effective Communication<br>(Ms Amanda Lee) | SA 203, 2 <sup>nd</sup> Floor,<br>Block SA,<br>East Campus |
|                                 | 12 noon – 1 pm  |  |  |
|                                 |                 |  |  |
| 26 February 2020<br>(Wednesday) | 9 am – 10 am    | 3D Modelling<br>(Ts. Ng Chan Wah)          | N 102  |
|                                 | 10 am – 11 am   |  |  |
|                                 | 11 am – 12 noon | Business Idea<br>(Ms Chow Yi Ri)           | SD 107A & 107B,<br>East Campus                             |
|                                 |                 |  |  |

**WEEK 8 (10 Hours)**

| DATE                        | TIME            | PROGRAMME                                  | VENUE  |
|-----------------------------|-----------------|--|--|
| 2 March 2020<br>(Monday)    | 9 am – 10 am    | TRIZ<br>(Dr Keong Chee Seng)               | SA 203, 2 <sup>nd</sup> Floor,<br>Block SA,<br>East Campus |
|                             | 10 am – 11 am   |  |  |
|                             | 11 am – 12 noon | Business Idea<br>(Ms Chow Yi Ri)           | SD 107A & 107B,<br>East Campus                             |
| 3 March 2020<br>(Tuesday)   | 9 am – 10 am    | Prezi<br>(Ms Chai Li Kuen)                 | SD 107A & 107B,<br>East Campus                             |
|                             | 10 am – 11 am   |  |  |
|                             | 11 am – 12 noon | Effective Communication<br>(Ms Amanda Lee) | SA 203, 2 <sup>nd</sup> Floor,<br>Block SA,<br>East Campus |
|                             | 12 noon – 1 pm  |  |  |
| 4 March 2020<br>(Wednesday) | 9 am – 10 am    | 3D Modelling<br>(Ts. Ng Chan Wah)          | N 102  |
|                             | 10 am – 11 am   |  |  |
|                             | 11 am – 12 noon | Business Idea<br>(Ms Chow Yi Ri)           | SD 107A & 107B,<br>East Campus                             |

**WEEK 9 (8 Hours)**

| DATE                         | TIME            | PROGRAMME                                  | VENUE  |
|------------------------------|-----------------|--|--|
| 9 March 2020<br>(Monday)     | 9 am – 10 am    | Prototyping                                | C100 (Block C,<br>CPUS Science Lab)                        |
|                              | 10 am – 11 am   |  |  |
|                              | 11 am – 12 noon | Business Idea<br>(Ms Chow Yi Ri)           | SD 107A & 107B,<br>East Campus                             |
| 10 March 2020<br>(Tuesday)   | 11 am – 12 noon | Effective Communication<br>(Ms Amanda Lee) | SA 203, 2 <sup>nd</sup> Floor,<br>Block SA,<br>East Campus |
|                              | 12 noon – 1 pm  |  |  |
| 11 March 2020<br>(Wednesday) | 9 am – 10 am    | 3D Modelling<br>(Ts. Ng Chan Wah)          | N 102  |
|                              | 10 am – 11 am   |  |  |
|                              | 11 am – 12 noon | Business Idea<br>(Ms Chow Yi Ri)           | SD 107A & 107B,<br>East Campus                             |

**WEEK 10 (8 Hours)**

| DATE                         | TIME            | PROGRAMME                                  | VENUE            |
|------------------------------|-----------------|--|------------------|
| 16 March 2020<br>(Monday)    | 9 am – 10 am    | Prototyping Challenge                      | Auditorium, TTSS |
|                              | 10 am – 11 am   |  |                  |
| 17 March 2020<br>(Tuesday)   | 9 am – 10 am    | Prototyping Challenge                      | Auditorium, TTSS |
|                              | 10 am – 11 am   |  |                  |
|                              | 11 am – 12 noon | Effective Communication<br>(Ms Amanda Lee) | Auditorium, TTSS |
|                              | 12 noon – 1 pm  |  |                  |
| 18 March 2020<br>(Wednesday) | 9 am – 10 am    | 3D Modelling<br>(Ts. Ng Chan Wah)          | N 102            |
|                              | 10 am – 11 am   |  |                  |

**WEEK 11 (4 Hours)**

| DATE                         | TIME          | PROGRAMME                         | VENUE                                  |
|------------------------------|---------------|-----------------------------------|--|
| 23 March 2020<br>(Monday)    | 9 am – 10 am  | Pre-Ideation Interview for ISPARK | Level 6, Block SA<br>Incubation Centre |
|                              | 10 am – 11 am |                                   |  |
|                              |               |                                   |  |
| 24 March 2020<br>(Tuesday)   | NO CLASS      |                                   |  |
|                              |               |                                   |  |
| 25 March 2020<br>(Wednesday) | 9 am – 10 am  | 3D Modelling<br>(Ts. Ng Chan Wah) | N 102                                  |
|                              | 10 am – 11 am |                                   |  |
|                              |               |                                   |  |

**WEEK 12 (12 Hours)**

| DATE                        | TIME            | PROGRAMME | VENUE                                  |
|-----------------------------|-----------------|-----------|--|
| 30 March 2020<br>(Monday)   | 9 am – 10 am    | ISPARK    | Level 6, Block SA<br>Incubation Centre |
|                             | 10 am – 11 am   |           |  |
|                             | 11 am – 12 noon |           |  |
|                             | 12 noon – 1 pm  |           |  |
| 31 March 2020<br>(Tuesday)  | 9 am – 10 am    | ISPARK    | Level 6, Block SA<br>Incubation Centre |
|                             | 10 am – 11 am   |           |  |
|                             | 11 am – 12 noon |           |  |
|                             | 12 noon – 1 pm  |           |  |
| 1 April 2020<br>(Wednesday) | 9 am – 10 am    | ISPARK    | Level 6, Block SA<br>Incubation Centre |
|                             | 10 am – 11 am   |           |  |
|                             | 11 am – 12 noon |           |  |
|                             | 12 noon – 1 pm  |           |  |
|                             |                 |           |  |

| LECTURERS          | PROGRAMME                         | NUMBER OF HOURS |
|--------------------|-----------------------------------|-----------------|
| Dr Keong Chee Seng | TRIZ                              | 14              |
| Ms Amanda Lee      | Effective Communication           | 18              |
| Ts. Ng Chan Wah    | 3D Modelling                      | 20              |
| Ms Chow Yi Ri      | Business Idea                     | 14              |
| Ms Chai Li Kuen    | Prezi                             | 8               |
| DSA                | Career guidance through SCDC      | 2               |
| CPUS               | Talk on Faculty Programmes        | 2               |
| CPUS               | Prototyping                       | 2               |
| CPUS               | Prototyping Challenge             | 4               |
| CPUS               | Pre-Ideation Interview for ISPARK | 2               |
| CPUS               | ISPARK                            | 12              |
| <b>TOTAL</b>       |                                   | <b>98</b>       |

**TOTAL NUMBER OF HOURS: 98 Hours**