

**ANNUAL PROGRAMME  
ASSESSMENT REPORT  
(APAR)**

\*(If the programme has more than one active curricula running simultaneously, please provide separate PAR)



**UTM**  
UNIVERSITI TEKNOLOGI MALAYSIA

| 1. PROGRAMME INFORMATION                                    |  |                           |                           |                       |
|---|--|---------------------------|---------------------------|-----------------------|
| Faculty:  | FACULTY OF SOCIAL SCIENCES AND HUMANITIES  |                           |                           |                       |
| Programme Name:   | MASTER OF EDUCATION (MEASUREMENT AND EVALUATION)   |                           |                           |                       |
| Programme Cluster:<br>(Please ✓ one)                        | <table border="1" style="width: 100%; text-align: center;"> <tr> <td style="width: 33%;"><b>UG<br/>ENGINEERING</b></td> <td style="width: 33%;"><b>UG<br/>SS &amp; ST</b></td> <td style="width: 33%;"><b>POSTGRADUATE</b> /</td> </tr> </table> | <b>UG<br/>ENGINEERING</b> | <b>UG<br/>SS &amp; ST</b> | <b>POSTGRADUATE</b> / |
| <b>UG<br/>ENGINEERING</b>                                   | <b>UG<br/>SS &amp; ST</b>  | <b>POSTGRADUATE</b> /     |                           |                       |
| Programme Code:   |  |                           |                           |                       |
| NEC :   | 142  |                           |                           |                       |
| Name of Programme Owner:                                    |  |                           |                           |                       |
| Session:  | 2019/20  |                           |                           |                       |
| The first Intake for this curriculum<br>(Semester/Session): | SEM 1 2015/2016  |                           |                           |                       |
| Accrediting Body<br>(If any)                                | MQA  |                           |                           |                       |
| Year/Date of Last Programme Review:                         | 2017   |                           |                           |                       |
| Year/Date of Next Programme Review:                         | 2021   |                           |                           |                       |

| <b>2. Programme Learning Outcomes (PLO)</b><br>(Please list the Programme Outcomes and assessment tool used) |  |  |
|--|--|--|
| <b>PLO/GA</b>  | <b>Statement of PLO</b>  | <b>Assessment Tools</b>                            |
| PLO1   | Pelajar berkebolehan menganalisis dan mensintesis pengetahuan dalam bidang pengukuran dan penilaian secara sistematik dan berkesan.                      | Test, Quiz, Final Exam, Project                    |
| PLO2   | Pelajar berkebolehan melaksanakan penyelidikan dalam bidang pengukuran dan penilaian secara rigor berdasarkan isu-isu terkini dalam pendidikan.          |  |
| PLO3   | Pelajar berkebolehan menganalisis, mensintesis dan menyelesaikan masalah berkaitan bidang pengukuran dan penilaian secara saintifik, kreatif dan kritis. |  |
| PLO4   | Pelajar berkebolehan melaksanakan tugas yang diberi secara beretika dan berintegriti.  | Group work thru PBL, PjBL, Scenario BL, Case Study |
| PLO5   | Pelajar berkebolehan mengamalkan komunikasi berkesan berkaitan isu-isu dalam konteks tempatan dan antarabangsa.  | Presentation Report                                |
| PLO6   | Pelajar berkebolehan mencari, menilai, dan menggunakan maklumat dalam menyelesaikan masalah secara berterusan.   | Group work thru PBL, PjBL, Scenario BL, Case Study |
| PLO7   | NA   | NA   |
| PLO8   | Pelajar berkebolehan menyelesaikan tugas dalam iklim bekerja secara koperatif dan kolaboratif  | Group work thru PBL, PjBL, Scenario BL, Case Study |
| PLO9   | Pelajar berkebolehan memimpin, mengambil peranan sebagai ketua atau ahli dan menyelia kumpulan semasa menjalankan projek/tugasan.                        | Group work thru PBL, PjBL, Scenario BL, Case Study |
| PLO10  | Pelajar berkebolehan mengurus maklumat yang relevan daripada pelbagai sumber.  | Group work thru PBL, PjBL, Scenario BL, Case Study |
| PLO 11   | NA   | NA   |
|  |  |  |

| <b>State the Indirect measurement tools used in the Programme Assessment</b> |
|--|
| e.g. Exit Survey, External Examiner Report, IAP Feedback etc.                |

**Note:**

- All Part-time programmes must be reported too.
- Only one assessment is required for each Master and PhD research programme.

| <b>3. State the changes made to the programme (if any)</b>                                |                              |  |  |
|---|------------------------------|--|--|
| <b>FINDINGS FROM THE PREVIOUS SESSION</b><br>(Please describe the PLO achievement issues) |                              |  |  |
| <b>Issues on PLO/GA achievement</b><br>(Indicate the associated PLO/GA)                   | <b>Specific action taken</b> | <b>Used Resources</b><br>(Financial or others) | <b>Impact based on action taken</b><br>(Please provide evidence) |
| NONE  |                              |  |  |
|   |                              |  |  |
|   |                              |  |  |

| <b>4. Provide achievements of the PLO for each cohort for the current session</b><br>(Direct assessment only) |
|---|
| Please refer to Attachment 1  |

| <b>5. Comparison of PLO Achievement to the Previous Session</b><br>(Graduated Student Achievements Only) |      |      |      |      |      |      |     |      |      |      |      |
|--|------|------|------|------|------|------|-----|------|------|------|------|
| SESSION  | P01  | P02  | P03  | P04  | P05  | P06  | P07 | P08  | P09  | P010 | P011 |
| 2019/2020  | 0.86 | 0.82 | 0.81 | 0.77 | 0.86 | -    | -   | 0.75 | 0.92 | -    |      |
| 2018/2019  | 0.75 | 0.85 | 0.84 | 0.85 | 0.83 | 0.85 | -   | 1.00 | -    | -    |      |

Tahun: 2018/2019

| PLO                        | PLO 1 | PLO 2 | PLO 3 | PLO 4 | PLO 5 | PLO 6 | PLO 7 | PLO 8 | PLO 9 | PLO 10 | PLO 11 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| Score                      | 0.75  | 0.85  | 0.84  | 0.85  | 0.83  | 0.85  | -     | 1.00  | -     | -      | -      |
| KPI*                       | 0.65  | 0.65  | 0.65  | 0.65  | 0.65  | 0.65  | -     | 0.65  | -     | -      | -      |
| Achievement<br>(YES or NO) | YES   | YES   | YES   | YES   | YES   | YES   |       | YES   |       |        |        |

\* e.g. 65% indicates 65% of the student population obtained at least grade B.

Tahun: 2019/2020

| PLO                        | PLO 1 | PLO 2 | PLO 3 | PLO 4 | PLO 5 | PLO 6 | PLO 7 | PLO 8 | PLO 9 | PLO 10 | PLO 11 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| Score                      | 0.86  | 0.82  | 0.81  | 0.77  | 0.86  | -     | -     | 0.75  | 0.92  | -      | -      |
| KPI*                       | 0.65  | 0.65  | 0.65  | 0.65  | 0.65  | -     | -     | 0.65  | 0.65  | -      | -      |
| Achievement<br>(YES or NO) | YES   | YES   | YES   | YES   | YES   | -     | -     | YES   | YES   | -      | -      |

\* e.g. 65% indicates 65% of the student population obtained at least grade B.

**6. FINDINGS ON THE CURRENT SESSION**

(Do consider analysis of findings from direct and indirect assessments. Please describe the PLO achievement issues, action plan to be taken, time line and person in-charge at course or/and programme level)

| <b>Issues on PLO/GA achievement</b> | <b>Action Plan</b>   | <b>Implications on Resources<br/>(Financial or others)</b> | <b>Implementation Time Line</b> | <b>Person in-charge</b>                                    |
|-------------------------------------|--|--|---------------------------------|--|
| PLO1                                | Practice more group work activities in class                                     | -  | Sem 1 2020/21                   | All lecturers At SOE and Measurement and Evaluation panels |
| PLO2 and PLO3                       | Assign more Experiential Learning task   | -  | Sem 1 2020/21                   | All lecturers At SOE and Measurement and Evaluation panels |
|                                     | Discussion on the application of knowledge and skills based on real life context | -  | Sem 1 2020/21                   | All lecturers At SOE and Measurement and Evaluation panels |

**Note:**

- See possible programme change actions in Attachment 1

|                               |  |                    |
|-------------------------------|--|--------------------|
| <b>Programme Owner</b>        |  | Date<br>4 AUG 2020 |
| <b>Signature</b>              |  |                    |
| <b>Deputy Dean (Academic)</b> |  |                    |
| <b>Signature</b>              |  |                    |

### Possible Programme Change Actions

|                                 |  |
|---------------------------------|--|
| Changes to the Assessment Plan  | <ul style="list-style-type: none"> <li>• Revision of Intended Learning Outcomes</li> <li>• Revision of measurement approaches</li> <li>• Changes in data collection methods</li> <li>• Changes in targets/standards</li> <li>• Changes in the sampling</li> </ul>              |
| Changes to the Curriculum       | <ul style="list-style-type: none"> <li>• Changes in teaching techniques</li> <li>• Revision of prerequisites</li> <li>• Revision of course sequence</li> <li>• Revision of course content</li> <li>• Addition of courses</li> <li>• Deletion of courses</li> </ul>             |
| Changes to the Academic Process | <ul style="list-style-type: none"> <li>• Revision of admission criteria</li> <li>• Revision of advising standards or processes</li> <li>• Improvements in technology</li> <li>• Changes in personnel</li> <li>• Changes in frequency or schedule of course offering</li> </ul> |