**KHYBER MEDICAL UNIVERSITY**

**Masters of Health Research Course, Module 06 Schedule Batch 05**

**December 27, 2017 to January 5th, 2018**

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| **Opening DAY 1 (December 27, 2017)** | | | | | | | | |
| **Orientation** - **0830 – 0930 hrs** | | | | | | | | |
| Welcome  Orientation to the Session | | | | | | | | |
| **Session 1**  0830 –1100 | | Break  1100  -  1130 | **Session 2**  1130 – 1330 | | Break  1330  –  1400 | **Session 3**  1400 - 1630 | | |
| **DAY 1 Wednesday December 27** | | | | | | | | |
| Introduction to Health Economics. | Facilitator 1  Facilitator 2  Facilitator 3  Facilitator 4 |  | The positive and normative foundations of health care financing, with specific reference to the discourse on universal health coverage and equity | Facilitator 1  Facilitator 2  Facilitator 3  Facilitator 4 |  | Practical Exercises  set around specific case studies | | Facilitator 1  Facilitator 2  Facilitator 3  Facilitator 4 |
| **DAY 2 Thursday December 28** | | | | | | | | |
| Health care financing mechanisms:  Out-of-pocket systems, tax-based systems, and insurance systems | Facilitator 1  Facilitator 2  Facilitator 3  Facilitator 4 |  | Features of health care financing arrangements:  resource collection and risk pooling, benefit package, provider contracting, and quality assurance | Facilitator 1  Facilitator 2  Facilitator 3  Facilitator 4 |  | Practical Exercises  set around specific case studies | | Facilitator 1  Facilitator 2  Facilitator 3  Facilitator 4 |
| **DAY 3 Friday December 29** | | | | | | | | |
| Health care financing in Pakistan: issues, challenges and opportunities | Facilitator 1  Facilitator 2  Facilitator 3  Facilitator 4 |  | The roles of the public and private sector in health care financing. | Facilitator 1  Facilitator 2  Facilitator 3  Facilitator 4 |  | Practical Exercises  set around specific case studies | | Facilitator 1  Facilitator 2  Facilitator 3  Facilitator 4 |
| **DAY 4 Saturday December 30** | | | | | | | | |
| Healthcare insurance: the demand and supply of insurance, moral hazard and adverse selection, limits of healthcare insurance markets & role of the State | Facilitator 1  Facilitator 2  Facilitator 3  Facilitator 4 |  | Health insurance in Pakistan: issues, opportunities and the way forward | Facilitator 1  Facilitator 2  Facilitator 3  Facilitator 4 |  | Practical Exercises  set around specific case studies | | Facilitator 1  Facilitator 2  Facilitator 3  Facilitator 4 |
| **DAY 5 Sunday December 31** | | | | | | | | |
| Cause and Effect Relationship | Facilitator 1  Facilitator 2  Facilitator 3  Facilitator 4 |  | Hypothesis testing – statistical tests for demonstrating differences, associations and cause and effect relationships | Facilitator 1  Facilitator 2  Facilitator 3  Facilitator 4 |  | SPSS Practical | | Facilitator 1  Facilitator 2  Facilitator 3  Facilitator 4 |
| **DAY 6 Monday January 01** | | | | | | | | |
| Parametric and non-parametric tests for comparisons | Facilitator 1  Facilitator 2  Facilitator 3  Facilitator 4 |  | Correlations and regression | Facilitator 1  Facilitator 2  Facilitator 3  Facilitator 4 |  | Sample size | | Facilitator 1  Facilitator 2  Facilitator 3  Facilitator 4 |
| **DAY 7 Tuesday January 02** | | | | | | | | |
| Sample Size | Facilitator 1  Facilitator 2  Facilitat |  | SPSS Practical | Facilitator 1  Facilitator 2  Facilitat |  | SPSS Practical | | Facilitator 1  Facilitator 2  Facil |
| **DAY 8 Wednesday January 03** | | | | | | | | |
| Thesis writing guidance | Facilitator 1  Facilitator 2  Facilitator 3  Facilitator 4 |  | Thesis writing guidance  Pervez Akhtar | Facilitator 1  Facilitator 2  Facilitator 3  Facilitator 4 |  | Thesis writing guidance | | Facilitator 1  Facilitator 2  Facilitator 3  Facilitator 4 |
| **DAY 9 Thursday January 04** | | | | | | | | |
| Thesis writing guidance | Facilitator 1  Facilitator 2  Facilitator 3  Facilitator 4 |  | Thesis writing guidance | Facilitator 1  Facilitator 2  Facilitator 3  Facilitator 4 |  | Thesis writing guidance | Facilitator 1  Facilitator 2  Facilitator 3  Facilitator 4 | |
| **DAY 10 Friday January 05** | | | | | | | | |
| Appraisal of the course including feedback from the students | Facilitator 1  Facilitator 2  Facilitator 3  Facilitator 4 |  | **FINAL ASSESSMENT AND CONCLUDING SESSION** | | | | | |