**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**  |
| WelcomeOrientation to the Session |
| **Session 1**0830 –1100 | Break1100-1130 | **Session 2**1130 – 1330 | Break1330–1400 | **Session 3**1400 - 1630 |
| **DAY 1 Wednesday December 27** |
| Introduction to Health Economics.  | Facilitator 1 Facilitator 2Facilitator 3Facilitator 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 2Facilitator 3Facilitator 4 |  | Practical Exercisesset around specific case studies | Facilitator 1 Facilitator 2Facilitator 3Facilitator 4 |
| **DAY 2 Thursday December 28** |
| Health care financing mechanisms:Out-of-pocket systems, tax-based systems, and insurance systems | Facilitator 1 Facilitator 2Facilitator 3Facilitator 4 |  | Features of health care financing arrangements: resource collection and risk pooling, benefit package, provider contracting, and quality assurance  | Facilitator 1 Facilitator 2Facilitator 3Facilitator 4 |  | Practical Exercisesset around specific case studies | Facilitator 1 Facilitator 2Facilitator 3Facilitator 4 |
| **DAY 3 Friday December 29** |
| Health care financing in Pakistan: issues, challenges and opportunities  | Facilitator 1 Facilitator 2Facilitator 3Facilitator 4 |  |  The roles of the public and private sector in health care financing. | Facilitator 1 Facilitator 2Facilitator 3Facilitator 4 |  | Practical Exercisesset around specific case studies | Facilitator 1 Facilitator 2Facilitator 3Facilitator 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 2Facilitator 3Facilitator 4 |  | Health insurance in Pakistan: issues, opportunities and the way forward | Facilitator 1 Facilitator 2Facilitator 3Facilitator 4 |  | Practical Exercisesset around specific case studies | Facilitator 1 Facilitator 2Facilitator 3Facilitator 4 |
| **DAY 5 Sunday December 31** |
| Cause and Effect Relationship | Facilitator 1 Facilitator 2Facilitator 3Facilitator 4 |  | Hypothesis testing – statistical tests for demonstrating differences, associations and cause and effect relationships | Facilitator 1 Facilitator 2Facilitator 3Facilitator 4 |  | SPSS Practical | Facilitator 1 Facilitator 2Facilitator 3Facilitator 4 |
| **DAY 6 Monday January 01** |
| Parametric and non-parametric tests for comparisons  | Facilitator 1 Facilitator 2Facilitator 3Facilitator 4 |  | Correlations and regression | Facilitator 1 Facilitator 2Facilitator 3Facilitator 4 |  | Sample size | Facilitator 1 Facilitator 2Facilitator 3Facilitator 4 |
| **DAY 7 Tuesday January 02** |
| Sample Size | Facilitator 1 Facilitator 2Facilitat |  | SPSS Practical | Facilitator 1 Facilitator 2Facilitat |  | SPSS Practical  | Facilitator 1 Facilitator 2Facil |
| **DAY 8 Wednesday January 03** |
| Thesis writing guidance  | Facilitator 1 Facilitator 2Facilitator 3Facilitator 4 |  | Thesis writing guidancePervez Akhtar | Facilitator 1 Facilitator 2Facilitator 3Facilitator 4 |  | Thesis writing guidance | Facilitator 1 Facilitator 2Facilitator 3Facilitator 4 |
| **DAY 9 Thursday January 04** |
| Thesis writing guidance | Facilitator 1 Facilitator 2Facilitator 3Facilitator 4 |  | Thesis writing guidance | Facilitator 1 Facilitator 2Facilitator 3Facilitator 4 |  | Thesis writing guidance | Facilitator 1 Facilitator 2Facilitator 3Facilitator 4 |
| **DAY 10 Friday January 05** |
| Appraisal of the course including feedback from the students | Facilitator 1 Facilitator 2Facilitator 3Facilitator 4 |  | **FINAL ASSESSMENT AND CONCLUDING SESSION** |