Preliminary programme for

Introduction to Engineering Education Research

Introduction to research methodologies

April 12
10.30 Welcome, registration, coffee
11.00 Introduction to research approaches
12.00 Lunch
13.00 Qualitative, quantitative and mixed-methods research.
15.00 Coffee
15.30 Discussions on components in and criteria for selecting research approaches.
16.15 Data collection in qualitative research, particularly interviews
17.00 End of the day

April 13
9.30 Qualitative research, with discussions and exercise on data analysis. Coffee.
12.00 Lunch
13.00 Discussions: Unclear issues, definitions
13.30 Quantitative research, with discussions and exercise on questionnaire design.
15.30 Coffee.
16.00 Quantitative research, exercise on describing quantitative research methods and reporting results.
17.00 End of the day

April 14
9.00 Trusting the research
10.15 Coffee
10.45 Critical research, action research.
12.15 Lunch
13.15 Selecting research approaches.
14.30 Summarizing: "What have we learnt?"
15.00 End of the day