Outline

- How to go about MS Thesis / Project?
  - What to do?
  - Milestones & Deadlines
  - Activities
  - Deliverables
- Thesis / Project Evaluation
- Meeting Advisors
  - Dr. Mian M. Awais
  - Dr. Nazir Zafar
  - Dr. Tauqeer Hussain

What to do?

- Decide area of your research
- Meet faculty with similar interests
- Finalize your advisor
- Broadly identify thesis / project
- Fill in “Form for project / thesis allocation”
- Get advisor’s approval
- Submit to my office by 15-Nov-2007
- http://projects.ucp.edu.pk

MS Thesis Milestones

2. Proposal Submission 29-Feb-2008
5. Thesis Defence 30-Sep-2008
MS Thesis

- At least biweekly meetings with the advisor
- Monthly Reports (written) to Advisor
- Literature Survey
- Identify Problem
- Write Proposal
  - Get Advisor's Approval
  - Submit to my office by 29-Feb.-2008
- Proposal Defence (Mid Mar. 2008)

MS Thesis (2)

- Execution starts
- More survey may be required
- Problem Analysis & Formulation
- Study of Alternative Solutions
- Problem Solution
- Proofs / Implementation
- Results / Analysis

MS Thesis (3)

- Thesis Submission Process starts
- Write Thesis
- Get Advisor's Approval on Thesis Completion Form
- Submit to my office by 31-Jul-2008:
  - Signed & Approved Thesis Completion Form
  - 2 hard copies of the thesis in tape binding
  - Soft copy of the thesis on CD

MS Thesis (4)

- Thesis Evaluation Process starts
- Internal Evaluation (3 weeks)
  - You may be required to make some changes in the thesis and to resubmit its hard and soft copies
- External Evaluation (3 weeks)
  - You may be required to make some changes in the thesis and to resubmit its hard and soft copies
- Thesis Defence (2 weeks)
  - You may be required to make some changes in the thesis and to resubmit its hard and soft copies
MS Thesis (5)
- Final Approval
- Submit 3 hard bound copies of the thesis and the CD
- Grade Announced

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<th>Modules</th>
<th>Weights</th>
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<tbody>
<tr>
<td>Proposal Submission</td>
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<td>Proposal Presentation</td>
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<td>Problem formulation</td>
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<td>Implementation</td>
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<td>Results/Analysis</td>
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<td>Monthly progress reports</td>
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Supervision
- MS Thesis Review Committee
  - At least Two members (advisor + 1)
  - +1: external/internal advisor
  - Should be finalized within 4 weeks of registration in MS Thesis

Deliverables
- Thesis Proposal
- Proposal Presentation
- Draft Thesis Submission
- Final Thesis Submission
Final Evaluation

- MS Thesis Final Committee
  - At least three MTRC +1
  - +1: external examiner from the faculty/industry/university
- Mechanism:
  - Reports
  - Viva
  - Demo
  - Presentation

Proposal

- Acceptance Criteria:
  - Must have outlined the milestones very clearly
  - Must have bare minimum review to support the idea
  - Thesis timelines (Gantt chart etc...)
  - Must demonstrate student's original contribution in terms of implementation, critical analysis, formal proofs or some other appropriate methodology
  - SAY NO TO SURVEY REPORTS

Execution

- Regular recorded meetings with the advisors
- Intermediate presentations
- Submissions
  - Proposal document
  - Monthly Progress Report
  - Intermediate Progress Report
  - Final Report
- Testing Scheme & Documents
- Research Code

Awarding grades

- Advisors should have a comparative view of other theses.
- Advisors should invite faculty and students in the proposal / final defence presentations (Public)
- Work with a published deliverable should be given more weight over others
- ...