Semester 2018 Fall

Department MTS Mathematics

Program 0404 Ph.D (Mathematics)

Course MTS-702 Theory of Fluids Credit Hours 3

Section

Instructor 0852 FARHAD ALI

Distribution of Grade/Marks and other Outcomes: (adopt the grading system as required)

| | A- | Total |
|---------|----|-------|
| MTS-702 | 1 | 1 |

Overview/Evaluation (Course Co-coordinator's Comments)

MTS-702

1 Student (Course Evaluation) Questionnaires

Yes, course evaluation by students was conducted and satisfactory results were found.

2 External Examiners or Moderators (if any)

Students are evaluated internally

3 Student /staff Consultative Committee (SSCC) or equivalent, (if any)

It is not existent, and may be found in future.

<u>4</u> Curriculum: comment on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved / Revised National Curriculum Guidelines

Course contents have been organized to achieve learning objectives of the course as per HEC approved syllabus and recommended by other regulatory bodies like BOS, BOF etc.

<u>5</u> Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course objectives)

Methods of assessment involved are 50% internal evaluation and 50% final examination. The internal evaluation consists of 15 marks of midterm exam, 10 marks of Major assignment 12 marks test/qizes, 6 marks of minor assignments and 7 marks of presentation. Such breakup of evaluation has been proven helpful in achievement of the outcomes and objectives.

6 Enhancement: comment on the implementation of changes proposed in earlier

Earlier changes have been implemented.

<u>Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt</u>

OBE system will be adopted by the next semester

Semester 2018 Fall

Department MTS Mathematics

Program 0404 Ph.D (Mathematics)

Course MTS-703 Mathematical Biology Credit Hours 3

Section

Instructor 0879 MUHAMMAD ALTAF KHAN

Distribution of Grade/Marks and other Outcomes: (adopt the grading system as required)

| | A- | Total |
|---------|----|-------|
| MTS-703 | 1 | 1 |

Overview/Evaluation (Course Co-coordinator's Comments)

MTS-703

1 Student (Course Evaluation) Questionnaires

Yes. Course evaluation by students was conducted and satisfactory results were found.

2 External Examiners or Moderators (if any)

Students are evaluated internally.

3 Student /staff Consultative Committee (SSCC) or equivalent, (if any)

It is not in existence, and may be found in future.

<u>4</u> <u>Curriculum: comment on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved / Revised National Curriculum Guidelines</u>

Course contents have been organized to achieve learning objectives of the copurse as per HEC spproved syllabus and recommended by other bodies.

<u>5</u> Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course objectives)

Methods of assessmenst involved are 50%, internal and 50% external, final evaluation. The internal evaluation consists of 15 marks of mid-term, 10 marks of major assignments, 12 marks of tests/quizes, 6 marks of asignments(minor), and 7 marks for presentations.

6 Enhancement: comment on the implementation of changes proposed in earlier

Earlier changes have been implemented`

<u>Outline any changes in the future delivery or structure of the Course that this</u> semester/term's experience may prompt

OBE systems will be adopted in the future smmester.

Semester 2018 Fall

Department MTS Mathematics

Program 0404 Ph.D (Mathematics)

Course MTS-704 Perturbation Methods in Fluid Dyna Credit Hours 3

Section

Instructor 0786 TAZA GUL

Distribution of Grade/Marks and other Outcomes: (adopt the grading system as required)

| | Α | Total |
|---------|---|-------|
| MTS-704 | 1 | 1 |

Overview/Evaluation (Course Co-coordinator's Comments)

MTS-704

1 Student (Course Evaluation) Questionnaires

Yes, course evaluation by students was conducted in satisfactory results were found.

2 External Examiners or Moderators (if any)

Nο

3 Student /staff Consultative Committee (SSCC) or equivalent, (if any)

It is not existence, any may be formed in future.

<u>4</u> Curriculum: comment on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved / Revised National Curriculum Guidelines

Course content have been organized to achieve learning objectives of the course as per HEC approved syllabus.

<u>5</u> Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course objectives)

Method of assessment are 50% internal evaluation and 50% external exam. The international evaluation consists of 25 marks of mid term 10 marks of Major Assignments and 15 marks of minor assignments, presentation and quizzes.

6 Enhancement: comment on the implementation of changes proposed in earlier

Earlier changes have been implemented.

<u>Outline any changes in the future delivery or structure of the Course that this</u> semester/term's experience may prompt

No