**Student background survey form**

**General:**

The following key questions are expected to be filled by all students registered for the course “**water distribution modeling**”.

**Objective of the Survey:**

* To get clear expectation of the students from the course;
* To understand the resources available with students;
* To design proper course assessment mechanisms with the students;
* To inform students regarding the major activities expected from them.

**The Survey** **Questions:**

Read the following questions carefully and respond appropriately.

1. What is your BSc (*Choose from the following*)?

|  |  |  |  |
| --- | --- | --- | --- |
| Civil Engineering: |  | Water Resources Engineering: |  |
| Hydraulic Engineering: |  | Environmental Engineering: |  |
| Water Supply & Env. Eng'g: |  | Soil & Water Conservation Eng'g: |  |
| Irrigation Engineering: |  | Other (Please Specify): |  |

1. From where have you joined this course (*tick any of the following*)?

|  |  |  |  |
| --- | --- | --- | --- |
| From University: |  | From Private Organization: |  |
| From Gov. Organization (industry): |  | Own work (business): |  |

1. Have you worked on any water supply project?

|  |  |
| --- | --- |
| Yes |  |
| No |  |

1. If your answer to question 3 above is “Yes”, please respond to the following, otherwise jump to question 5.

|  |  |
| --- | --- |
| Construction Work |  |
| Consultancy Service |  |
| Supply of materials |  |

1. Relevance of the course in your future career (your expectation) - Depends on your area of Specialization?

|  |  |  |  |
| --- | --- | --- | --- |
| Highly relevant |  | In different |  |
| Moderately relevant |  | Not relevant |  |

1. From your past experiences, do you have knowledge of using proper citation software (Example: Use of **EndNote** software)?

|  |  |
| --- | --- |
| Yes |  |
| No |  |

1. Do you have knowledge engineering other softwares (tick as appropriate)?

|  |  |
| --- | --- |
| * 1. AutoCAD |  |
| * 1. SWMM |  |
| * 1. ArcGIS |  |
| * 1. WaterCAD |  |
| * 1. Other (Please Specify) |  |

1. As part of the course assessment, are you interested to do an independent project design or term paper?

|  |  |
| --- | --- |
| Yes |  |
| No |  |

1. If your answer to question 8 above is **No**, what type of assessment do you expect?

|  |  |
| --- | --- |
| * 1. Written Exam Only |  |
| * 1. Subjective type assignments only |  |
| * 1. Written exam with assignment |  |
| * 1. Other means of assessment (Please Specify) | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

1. If your answer to question 8 above is **Yes**, please indicate your topic of interest in the following blank space.

This is a sample space to write your topic of interest. Please, delet this statement and write your topic here \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

1. Are you interested to do independent research in any of the following topics (Please tick one of your choice)?

|  |  |
| --- | --- |
| * 1. Comparative analysis of approaches to modeling water distribution network |  |
| * 1. Application of GIS in Water Distribution Modelling |  |
| * 1. Performance assessment of different Calibration Techniques |  |
| * 1. Water Demand Analysis of Municipal Water Supply using WaterCAD Software |  |
| * 1. Application of Genetic Algorithm in Water Distribution Model Calibration |  |