**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
 | [ ]  |