**Minutes of Meeting Under NAVTTC Regarding Qualification Validation Committee for the Validation of Curriculum for “Water Resources & Hydro-power Construction Engineering” for Dual Diploma 03 Years Program**

**Agenda Items: -**

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| **Ser.#** | **Item(s)** |
| **1.** | Validation and approval of Subject Curriculum furnished by STEVTA as finalized through joint deliberative meetings of Information Technology/ Computer and Water Resources & Hydropower Construction Engg, related experts of STEVTA : -   1. Detail of Participants from NAVTTC, STEVTA are listed below. 2. Understanding & Brief Presentation of the CCTE Model joint education dual diploma split education program as well as the detailed overview of collaboration / curriculum development by the meeting convener. 3. Formal presentation of subject-wise course contents of 3-Years curriculum. 4. Discussion and Q&A session, along with minor refinements, (if required). 5. Consent and grant of approval by worthy validation / Qualification Review committee members. |

**Date & Time: 06th June, 2024 (09:30 AM to 05:30 PM)**

**Venue: Sindh TEVTA H.Q. Karachi.**

**Participants: -**

1. Mr. Muhammad Farooq (Lecturer Civil) GCT SITE Karachi.
2. Syed Noor ul Azmat (Assistant Professor CIVIL) GPI(B), Block ‘N’ North Nazimabad Karachi.
3. Mr. Shah Muhammad Bosan (Assistant Professor CIVIL) GCT (B) Larkana.
4. Syed Nasir Ali (Associate Professor CIVIL) GCT SITE Karachi.

The Meeting started with the recitation of the Holy Quran and welcoming remarks by the Director STEVTA Mr.Altaf Shaikh, being the host. All the participants introduced themselves to each other. The representatives from STEVTA thanked the participants from Academia.

The Meeting Convener briefed the house regarding the main features of the CCTE Model Dual Diploma Split Education Programme, phases of collaboration with Chinese counterpart institutes as well as the detailed procedure of curriculum development. The benefits of this programme for Pakistani students in the context of international exposure, employment opportunities within Pakistan and abroad, practical training on Hi-tech technology equipment at Chinese brother college and the importance of the Chinese language (which is a part of the curriculum) were also highlighted.

Subsequent to the above, detailed scrutiny and deliberations were initiated by the worthy Convener / facilitator of validation. Main subjects / Skill standards from 1st to 3rd year were discussed w.r.t contents & sub-contents’.

Following **technical recommendations and suggestions**  were made by the committee, which were incorporated in the relevant sections while all other subject’s / skill standards have been found correct as per academic and industry requirements and were **approved by the committee.** along with a compliant **Lab Equipment** and machinery list (for 1st Two years of study) and **Teachers / Instructor Qualification:-**

**Agenda:**

1. Reviewing the Scheme of Study.
2. Setting the subject Codes
3. Change the Chines Language Codes.
4. Provide the 1st, 2nd and 3rd year subjects Code.
5. Correction in typographical errors.

**Minutes of Meeting:**

1. Minor Changes / Corrections were made in the 1st Page.
2. On page 2 spell correction of ISLAMISTS to ISLAMIAT at three places.
3. New Codes allotted to the following subjects

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| S.No | Subject name | code |
| 1 | Engineering Mechanics | WRH 112 |
| 2 | Building Materials and Testing | WRH 122 |
| 3 | Water Resources Engineering Mapping and Drawing | WRH 132 |
| 4 | Water Engineering Culture Education | WRH 142 |
| 5 | Water Resources Engineering CAD Drawing Technology | WRH 152 |
| 6 |  | WRH 212 |
| 7 | Hydraulic Analysis and Calculation | WRH 223 |
| 8 | Water-saving Technology | WRH 232 |
| 9 | Hydraulic Reinforced Concrete Structure | WRH 243 |
| 10 | Engineering Geology and Foundation Basis | WRH 252 |
| 11 | Water Resources Engineering Supervision | WRH 262 |
| 12 | Chinese Synthesis -1 | GENC 322 |
| 13 | Chinese Listening | GENC 311 |
| 14 | Spoken Chinese | GENC 331 |
| 15 | Chinese Reading and Writing | GENC 351 |
| 16 | Chinese Culture -1 | GENC 341 |
| 17 | Chinese Cultural Practice -1 | GENC 361 |
| 18 | Water Resources Engineering Survey | GENC 312 |
| 19 | Water Resources Engineering Building | GENC 322 |
| 20 | Organization and Management of Water Resources Engineering Construction | GENC 332 |
| 21 | Water Resources Engineering Construction Technology | GENC 343 |
| 22 | Cost and Bidding of Water Resources Engineering | GENC 353 |
| 23 | Maintenance and Management of Water Resources Engineering | GENC 362 |
| 24 | Chinese Synthesis -2 | GENC 332 |
| 25 | Chinese Culture -2 | GENC 371 |
| 26 | Chinese Cultural Practice -2 | GENC 381 |

All clarifications, suggestions, amendments / corrections regarding academic codal formalities and other related issues have been addressed and incorporated and shared with respective TEVTA and NAVTTC through active communication during **“Validation workshop for Curriculum approval”**

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| **S#** | **Name** | **Designation and Organization** | **Signature** |
|  | Mr. Muhammad Farooq | Lecturer CIVIL GCT SITE KARACHI |  |
|  | Syed Noo rul Azmat | Assistant Professor CIVIL GPI (B) Block ‘N’ North Nazimabad KARACHI |  |
|  | Mr. Shah Muhammad Bosan | Assistant Professor CIVIL GCT (B) Larkana |  |
|  | Syed Nasir Ali | Associate Professor CIVIL GCT SITE KARACHI |  |
|  | Mr. Muhammad Asim | Dy. Director, SS&C NAVTTC Islamabad |  |
|  | Mr. Muhammad Aleem | (DACUM Expert), AD NBTPE |  |
|  | Mr. Muhammad Iqbal | AD (Academics/operations) KP-TEVTA |  |