

Minutes of Meeting Under NAVTTC Regarding Qualification Validation Committee for the Validation of CCTE SINO-PAK 2+1 Dual Diploma Curriculum for "Electrical Automation Technology" for Dual Diploma 03 Years Program

**Agenda Items: -**

Sr.#	Item(s)
1.	<p>Validation and approval of Subject Curriculum furnished by Sindh TEVTA as finalized through joint deliberative meetings of Electrical Automation Technology by Subject Experts of STEVTA : -</p> <ul style="list-style-type: none"><li>a) Detail of participants from NAVTTC &amp; STEVTA are listed below.</li><li>b) Understanding &amp; 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.</li><li>c) Formal presentation of subject-wise course contents of 3-Years curriculum.</li><li>d) Discussion and Q&amp;A session, along with minor refinements, (if required).</li><li>e) Consent and grant of approval by worthy validation / Qualification Review committee members.</li></ul>

**Date & Time: 04<sup>th</sup> June, 2024 (09:00 AM to 05:30 PM)**

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

**Participants: -**

1. Mr. Hakim Ali Ujjan, Associate Professor (Electrical), GPI (B) Dadu.
2. Mr. Fahim Akhter Assistant Professor (Electrical), GPSIT Landhi Karachi.
3. Engr. Farhan Khan Rind, Lecturer (Electrical), GJMPI, Malir Karachi.
4. Mr. Kifayatullah Senior Instructor (Electrical), CoE Kotri.

The Meeting started with the recitation of the **Holy Quran** and welcoming remarks by the Deputy Director STEVTA Mr. Altaf Shiekh, being the host. All the participants introduced themselves to each other. The representatives from NAVTTC thanked the participants from STEVTA 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 1<sup>st</sup> to 3<sup>rd</sup> 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 1<sup>st</sup> & 2<sup>nd</sup> year of study) and **Teachers / Instructor Qualification:-**

**Agenda:**

1. Reviewing the Scheme of Study.
2. Setting the subject codes.
3. Change the Chinese Language nomenclature and code.
4. Adding 3<sup>rd</sup> Year Subject Codes.
5. Update typographical errors.

**Minutes of Meeting:**

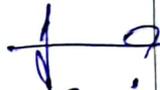
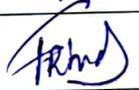
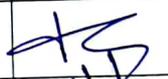
- 1) Minor changes and corrections were made to improve the overall formatting of the curriculum documents.

- 2) The subject "Work Shop Practice Mechanical (ET-153)" was removed from the 1st Year curriculum to place greater emphasis on Electrical and Automation subjects, and to appropriately adjust credit hours.
- 3) Following the removal of "Work Shop Practice Mechanical (ET-153)" which also included Electrical Wiring as part of the workshop, a new, dedicated subject, "Workshop Practice-Electrical (ET-143)," was introduced to strengthen focus on electrical skills.
- 4) "Basic Electronics (ET-283)" was shifted from the 2nd Year to the 1st Year, with the course code updated to ET-133 to better align with the 1st Year curriculum and ensure a balanced credit hour distribution.
- 5) "Business Management & Industrial Economics (MGM-221)" was moved from the 2nd Year to the 1st Year, with a code adjustment to MGM-121, to integrate business concepts earlier in the program.
- 6) The subject "Electrical Installation Planning & Estimating (ET-252)" was deleted from the 2nd Year curriculum to accommodate the major electrical subject "AC Machine (ET-253)," ensuring that students acquire the necessary knowledge for the 3rd Year subjects.
- 7) New codes have been allotted to the following subjects:

S.NO.	Subject Name	Code
1.	Chinese-I	GenC-112
2.	Chinese-II	GenC-212
3.	Understanding China	GenC-222
4.	Chinese Synthesis -1	GenC-312
5.	Chinese Listening	GenC-311
6.	Spoken Chinese	GenC-321
7.	Electrical Chinese	EAT-311
8.	Electronic skill training	EAT-322
9.	Installation and maintenance of electrical control system	EAT-332
10.	Introduction to Artificial Intelligence	Gen-331
11.	Chinese Synthesis -2	GenC-342
12.	Chinese Reading and Writing	GenC-352
13.	Industrial Robot Technology	EAT-342
14.	The Design of Intelligent Product Based on Arduino	EAT-351
15.	Installation and Commissioning of PLC Control System	EAT-362
16.	Frequency Conversion and Servo System	EAT-372
17.	Power supply and distribution technology	EAT-382

All clarifications, suggestions, amendments / corrections regarding academic codal formalities and other related issues have been addressed and incorporated and

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 before and during “Validation workshop for Curriculum approval”.

S#	Name	Designation and Organization	Signature
1.	Mr. Hakim Ali Ujjan	Associate Professor (Electrical), GPI (B) Dadu.	
2.	Mr. Fahim Akhter	Assistant Professor (Electrical), GPSIT Landhi Karachi.	
3.	Engr. Farhan Khan Rind	Lecturer (Electrical), GJMPI, Malir Karachi.	
4.	Mr. Kifayatullah	Senior Instructor (Electrical), CoE Kotri.	
5.	Mr. Muhammad Asim	Deputy Director SS&C NAVTTC, Islamabad	
6.	Mr. Muhammad Aleem	DACUM Expert, AD NBTPE Islamabad.	
7.	Engr. Muhammad Iqbal	AD (Academics & Operations) KP-TEVTA.	