NAVTTC's Summer of Code Program
Terms of Reference

1) **Entry Qualification**: This section outlines the criteria for enrolling qualified candidates in the high-tech IT training component of the Summer of Code Program. These candidates, whether they hold an HEC-recognized bachelor's degree or have successfully passed third-semester , enrolled in an HEC-approved degree program in IT, Computer Science, Software, MIS, Mathematics, statistics, or engineering subjects, are all eligible for this unique opportunity. Other graduates are also welcome to apply. Please refer to the attached document for a detailed list of trades, examination codes, and entry qualifications. This program offers a chance for professional growth and the potential for international recognition through the acquisition of an international certification.

2) **Payments Mechanism**
(For 03 Months Training)

a) The first financial release/installment of 30% of overall Training Cost will be released based on the accomplishment of the following set of first deliverables, ensuring a fair and transparent payment process that you can trust:
   i.   Provision of training plan,
   ii.   100% trainees' enrollment against allocated seats
   iii. Successful hiring of qualified instructors as per prescribed criteria
   iv.   Commencement of training classes
   v.   Data uploading of trainee attendance on PMS.
   vi.   Installation and synchronization of facial recognition attendance machines
   vii. Installation and synchronization of high-quality cameras along with the provision of accessible IP links for real-time M&E

b) A second financial release/installment of 30% of Training Costs will be released based on the accomplishment of the following second set of deliverables:
   i.   Satisfactory Monitoring & Evaluation reports and compliance with NAVTTC's prescribed standards/benchmarks for quality of training
   ii.   Data uploading on NAVTTC PMS, including attendance records and trainee profiles.

    iii.   Satisfactory coverage of course contents as per prescribed lesson plans.

c) The third financial release/installment of 40% of the revised training cost will be released category-wise and slab-wise (Annex-A) based on accomplishing the following third set of deliverables.

    i.   International certification of Trainees from identified IT firm
    ii.   Satisfactory Monitoring & Evaluation reports **
    iii.   Provision of attendance records and data uploading on PMS
    iv.   Mid-term and Final Assessment of trainees and data uploading on PMS.
    v.   Financial reconciliation / verified expenditure report by the concerned Regional Office after adjustment (if any)
    vi.   Significant placement (employment/self-employment of trainees' data).

*** Third financial release of 40% of the total Training cost and reimbursement of International Certification cost paid through verified banking channels shall be made only against the trainees who successfully qualified/passed the examination of specified International IT vendor or international certification agency.*

(For 01 Month Training)

a) The first financial release/installment of 30% of overall Training Cost will be released based on the accomplishment of the following set of first deliverables, ensuring a fair and transparent payment process:

    i.   Provision of training plan
    ii.   100% trainees' enrollment against allocated seats
    iii.   Successful hiring of the qualified instructors as per prescribed criteria
    iv.   Commencement of training classes
    v.   Data uploading of trainee attendance on PMS.
    vi.   Installation and synchronization of facial recognition attendance machines
    vii.   Installation and synchronization of high-quality cameras along with the provision of accessible IP links for real-time M&E

b) Second financial release/installment*** of 50% of the actual Training Cost (Revised Training Cost, if applicable) will be released category-wise, slab-wise (Annex-A) based on the accomplishment of the following second set of deliverables:

    i.   International certification of Trainees from identified IT firm

     ii.   Satisfactory Monitoring & Evaluation reports

    iii.   Provision of attendance records and data uploading on PMS

    iv.   Mid-term and Final Assessment of trainees and data uploading on PMS.

     v.   Financial reconciliation / verified expenditure report by the concerned Regional Office after adjustment (if any)

    vi.   Significant placement (employment/self-employment of trainee's data

c) Four months will be provided for conducting International Certification.

*** Second financial release of 50% of the total Training cost and reimbursement of International Certification cost paid through verified banking channels shall be made only against the trainees who successfully qualified/passed the examination of specified International IT vendor or international certification agency.

Rating of Training Partner	Per Trainee Cost for 03 Months Training	Per Trainee Cost for 01 Month Training
A1	140,000	50,000
A	120,000	40,000
B	100,000	35,000
Payment Mechanism	**IT Training (03M):** 1st Tranche = 30%, 2nd Tranche= 30%, 3rd Tranche = 40% **IT Training (01M):** 1st Tranche = 50%, 2nd Tranche= 50%	

3) Payment claims shall be made based on the number of successful candidates.

4) Institutes shall submit a **"last payment claim"** only for candidates who qualified and obtained an international certificate along with a "certification cost invoice," the original payment slip made to the International Certification or local authorized agency, and a copy of the candidate certificate.

5) The maximum time for completion of international certification is six months from the date of completion of training by the institute.

6) Institutes failing to show evidence that trainees appeared in the trade-wise prescribed international certification (either pass or fail) will be suspended for NAVTTC future training for three years, and their bank/insurance guarantee will be forfeited. However, NAVTTC is deeply committed to supporting the institutes in ensuring the success of the trainees and the program. Your success is our success.

7) Any institute failing to comply with the NAVTTC Contract, Standard Operating Procedures, above conditions, or any other instructions issued occasionally shall

forfeit its bank/insurance guarantee, underscoring the seriousness of non-compliance.

Annex-A

Last Tranche Slab-wise & Category-wise Payment Disbursement

For International Certification

Category	The Minimum Passing Percentage Required To be Reimbursed 100% of the Training and International Certification Costs as per the Actual. The institute will ensure that 100% of the students appear in the exam with Evidence.	The Minimum Passing Percentage Required to Be Reimbursed 80% of the Training and International Certification Costs is as per the Actual. The institute will ensure that 100% of the students appear in the exam with Evidence.	The Minimum Passing Percentage Required To Reimbursed 60% of the Training and International Certification Costs as per the Actual. The institute will ensure that 100% of the students appear in the exam with Evidence.
I	80%	70%	60%
II	70%	60%	50%
III	50%	40%	30%

Annex B

List of Courses: 1 Month Duration

Sr. No	Trade / Course	Exam code	Entry Qualification Requirement
1	Microsoft Dynamics 365	MB-310	Graduated or 3rd semester passed students or Higher of Any Bachelor's Degree Program.
2	Power BI	PL-300	Graduated or 3rd semester passed students or Higher of Any Bachelor's Degree Program.
3	Salesforce Certified Administrator	ADM-201	Graduated or 3rd semester passed students or Higher of Any Bachelor's Degree Program.
4	Software Quality Assurance-ISTQB Certified Tester	CTFL	Graduated in Math/Stats discipline, or 3rd semester passed Bachelor's Degree Program students in IT, SE, Artificial Intelligence, Data Science, Cyber Security, or any technical engineering discipline.
5	Tableau	Tableau Server/Desktop Certified Associate	Graduated or 3rd semester passed students or Higher of Any Bachelor's Degree Program.
6	Agile Certified Practitioner	PMI-ACP	Graduated in Math/Stats discipline, or 3rd semester passed Bachelor's Degree Program students in IT, SE, Artificial Intelligence, Data Science, Cyber Security, or any technical engineering discipline.
7	Certified ScrumMaster (CSM)	CSM-001	Graduated or 3rd semester passed students or Higher of Any Bachelor's Degree Program.
8	Big Data Analyst	DP-500	Graduated in Math/Stats discipline, or 3rd semester passed Bachelor's Degree Program students in IT, SE, Artificial Intelligence, Data Science, Cyber Security, or any technical engineering discipline.

Annex C

List of Courses: 3 Months Duration

Sr. No	Trade / Course	Exam code	Entry Qualification Requirement
1	Advanced Python Programming & Applications	ITS-OD-303	Passed Exam PCAP-31-03, or Graduated in Math/Stats discipline, or 3rd semester passed students of Bachelor's Degree Program in IT, SE, Artificial Intelligence, Data Science, Cyber Security, or any technical engineering discipline from HEC recognized University.
2	Android Java	Assosiate Android Developer	Graduated in Math/Stats discipline or 3rd semester passed Bachelor's Degree Program students in IT, SE, Artificial Intelligence, Data Science, Cyber Security, or any technical engineering discipline from an HEC-recognized university.
3	Javascript Fullstack (e.g. MEAN/MERN)	ITS-OD-201	Graduated in Math/Stats discipline or 3rd semester passed Bachelor's Degree Program students in IT, SE, Artificial Intelligence, Data Science, Cyber Security, or any technical engineering discipline from an HEC-recognized university.
4	Advanced Web Application Development	ITS-OD-307	Passed Exam ITS-OD-201. Graduated in Math/Stats discipline, or 3rd semester passed Bachelor's Degree Program students in IT, SE, Artificial Intelligence, Data Science, Cyber Security, or any technical engineering discipline from HEC recognized University.
5	Advanced programming/ Coding (Machine Learning; Data Mining)	AI-102	Graduated in Math/Stats discipline or 3rd semester passed Bachelor's Degree Program students in IT, SE, Artificial Intelligence, Data Science, Cyber Security, or any technical engineering discipline from an HEC-recognized university.
6	Artificial Intelligence (ML-D/L)	Microsoft AI-900	Graduated or 3rd semester passed of any Bachelor's Degree Program recognized by HEC.
7	Cloud Computing	AZ-104	Graduated in Math/Stats discipline or 3rd semester passed Bachelor's Degree Program students in IT, SE, Artificial Intelligence, Data Science, Cyber Security, or any technical engineering discipline from an HEC-recognized university.
8	Cloud Computing - Google	Google Cloud Professional Data Engineer Exam	Graduated in Math/Stats discipline or 3rd semester passed Bachelor's Degree Program students in IT, SE, Artificial Intelligence, Data Science, Cyber Security, or any technical engineering discipline from an HEC-recognized university.

9	Cloud Computing - Microsoft	AZ-104	Graduated in Math/Stats discipline or 3rd semester passed Bachelor's Degree Program students in IT, SE, Artificial Intelligence, Data Science, Cyber Security, or any technical engineering discipline from an HEC-recognized university.
10	Database Administration (DBA Track)	IZO-912/IZO-913/IZO-914	Graduated or 3rd semester passed of any Bachelor's Degree Program recognized by HEC.
11	DevOps / Docker Certified Associate	AZ-400	Graduated in Math/Stats discipline or 3rd semester passed Bachelor's Degree Program students in IT, SE, Artificial Intelligence, Data Science, Cyber Security, or any technical engineering discipline from an HEC-recognized university.
12	Game Development	Unreal Engine Certification	Graduated or 3rd semester passed of any Bachelor's Degree Program recognized by HEC.
13	Google UX Design	Google UX Design Certificate	Graduated or 3rd semester passed of any Bachelor's Degree Program recognized by HEC.
14	Java Full Stack Development	IZO-808, IZO-819	Graduated in Math/Stats discipline or 3rd semester passed students of Bachelor's Degree Program in IT, SE, Artificial Intelligence, Data Science, Cyber Security, or any technical engineering discipline from HEC recognized University.
15	Microsoft .Net + Angular / React	AZ-204, MS-300, PL-400	Graduated in Math/Stats discipline or 3rd semester passed Bachelor's Degree Program students in IT, SE, Artificial Intelligence, Data Science, Cyber Security, or any technical engineering discipline from an HEC-recognized university.
16	Microsoft Certified Azure	AZ-104	Graduated in Math/Stats discipline or 3rd semester passed Bachelor's Degree Program students in IT, SE, Artificial Intelligence, Data Science, Cyber Security, or any technical engineering discipline from an HEC-recognized university.
17	Mobile Application Development	Assosiate Android Developer	Graduated in Math/Stats discipline or 3rd semester passed Bachelor's Degree Program students in IT, SE, Artificial Intelligence, Data Science, Cyber Security, or any technical engineering discipline from an HEC-recognized university.
18	Oracle Database SQL or PL/SQL	IZO-912/IZO-913/IZO-914	Graduated or 3rd semester passed of any Bachelor's Degree Program Recognized by HEC.
19	Oracle Java+ Angular	IZO-808, IZO-819	Graduated in Math/Stats discipline or 3rd semester passed Bachelor's Degree Program students in IT, SE, Artificial Intelligence, Data Science, Cyber Security, or any technical engineering discipline from an HEC-recognized university.

20	Python / Django + Angular / React	PCAP-31-03	Graduated in Math/Stats discipline or 3rd semester passed Bachelor's Degree Program students in IT, SE, Artificial Intelligence, Data Science, Cyber Security, or any technical engineering discipline from an HEC-recognized university.
21	Certificate in Oracle (ERP)	IZO-516, IZO-517, IZO-518, IZO-519, IZO-548	Graduated or 3rd semester passed of any Bachelor's Degree Program recognized by HEC.
22	Cloud Computing - AWS	SAA-C03	Graduated in Math/Stats discipline or 3rd semester passed Bachelor's Degree Program students in IT, SE, Artificial Intelligence, Data Science, Cyber Security, or any technical engineering discipline from an HEC-recognized university.
23	Cyber Security (CEH, CHFI)	CEH	Graduated in Math/Stats discipline or 3rd semester passed Bachelor's Degree Program students in IT, SE, Artificial Intelligence, Data Science, Cyber Security, or any technical engineering discipline from an HEC-recognized university.
24	Digital Forensic & Cyber Security	CEH	Graduated in Math/Stats discipline or 3rd semester passed Bachelor's Degree Program students in IT, SE, Artificial Intelligence, Data Science, Cyber Security, or any technical engineering discipline from an HEC-recognized university.
25	Game Development	UCA-156	Graduated or 3rd semester passed of any Bachelor's Degree Program recognized by HEC.