

**Bangladesh Public Administration Training Centre**  
Savar, Dhaka-1343  
ICT Section

**ICT Roadmap of BPATC (1-10 Years)**

**1) ICT Roadmap: Short-term Plan (1-2 Years)**

**a) Hardware, Networking and Internet Systems: Short-term Plan (1-2 Years)**

- i. Single ID Card Systems (ID Card, Library, Payment etc.);
- ii. Central Content Display Management Systems (CCDMS);
- iii. Flap Barrier for building entrance/Pedestrian Access (For physical security and Access control for staff, participants and Guests.);
- iv. Digital Podium solution (Faculty, Guest Speaker etc.);
- v. Smart Conference room solution (Management, BOD Members, Faculty, meeting and conferences with remote digital devices using zoom, google meet, cisco webex or other own system/software);
- vi. Office room automation (Automatic light, FAN, AC control);
- vii. Installation of Desktop Computers or Laptops for all Officers and Selected Staffs;
- viii. Installation of Printers for selected Officers and Staffs;
- ix. Installation of Scanners for all Officers and Selected staffs;
- x. Fibre/Cable Network extensions for all Officers and Selected Staffs;
- xi. Extension/Re-installation of Wi-Fi of Office buildings, Dormitory, Cafeteria, Library, Multipurpose buildings etc.;
- xii. Increasing Network Management Systems (Active Directory, System Centre, Security systems etc.);
- xiii. Back-up Server & Security System;
- xiv. Upgrading Laptops for Officers (SSD Hard disk, RAM etc.);
- xv. Repairing and re-installation of CC Camera Systems;



- xvi. Smart Class Rooms (Smart and interactive board with CPU, multi-use boards etc.);
- xvii. Installation of IP PABX Systems (test basis);
- xviii. New laptops for Participants (FTC, ACAD, SSC, PPMC, SFTC etc.);
- xix. Available Internet (Wi-Fi) for all the Officers, Staffs and Participants (Office room, Dormitory, Cafeteria, Multi-purpose building etc.);
- xx. Extension of Printing facilities for Participants (Dormitory, Computer LAB etc.);

**b) Software and online Management System: Short-term Plan (1-2 Years)**

- i. Incorporation of software in BPATC ERP-
  - e-Clinic Management Systems;
  - e-Recruitment Systems/HR Management;
  - e-Research and publication;
  - e-Journal Systems and repository;
- ii. Upgradation of BPATC ERP (Office Automation- 7 Customized Software's)- Systems
  - Personnel Management Information System (PMIS);
  - Computerized Training Management System (CTMS);
  - Store Management System (SMS)- with Barcode;
  - Accounts and Finance Management System (A&FMS);
  - Transport Management System (TMS);
  - Dormitory Management System (DMS);
  - Computer Equipment Management System (CEMS).
- iii. Participant's data migration (nominated participants for PPMC, SSC, ACAD, FTC etc.) from the database of Ministry of Public Administration (MoPA) to BPATC ERP/Software for simplifying the online registration and training process;
- iv. Upgradation of e-Library systems (Software and Hardware: e-book, RFID, Modern kiosk in Library, Scanner, online UPS etc.);



- v. Scanning of Rare books and documents of BPATC library;
- vi. Incorporation Barcode systems for ICT Devices, Sound Systems, PA Systems, Furniture etc.);
- vii. Upgradation of Online Payment (Bus Ticket, Transport, Medical, Swimming Pool fees etc.);
- viii. Developing E-Learning Platform and e-Learning Courses;
- ix. Enough Turnitin (Plagiarism Software) for Faculty and Participants (FTC, ACAD, SSC, PPMC, SFTC etc.);
- x. Zoom Meeting- 20 users License;
- xi. Cisco Webex Meeting- 01 user;
- xii. Licensed version of Application Software, SPSS, Adobe Acrobat, OCR software etc.;
- xiii. Ensuring Remote Access service to E-Resources;
- xiv. Stock database for AVR section;
- xv. Studio live mixer machine (sound) for all class rooms for smooth online sessions.
- xvi. Publishing online BPATC Potrika (Bangla Journal) like BJPA, BPATC Newsletter etc.

**c) Training and Manpower: Short-term Plan (1-2 Years)**

- i. ICT/e-Governance Module design for FTC, ACAD, SSC, PPMS, SFTC and other Courses;
- ii. Training (4IR, Smart Bangladesh, Online Training, Network Management, ERP, Smart Classroom etc.) for IT Personnel and Users (Faculty, Officers, Staffs and Participants);
- iii. Appoint/Promote IT Personnel;
- iv. Incentive packages for smart workers etc.



## 2) ICT Roadmap: Mid-term Plan (3-5 Years)

### a) Hardware, Networking and Internet Systems: Mid-term Plan (3-5 Years)

- i. Terminal Based Computer Lab for Training;
- ii. Upgrade Desktop Computers, Laptops, Printers, Scanners for all Officers and Selected Staffs;
- iii. Reinstall the ICT Back-bone of BPATC (Fibre/Cable Network, Wi-Fi system etc.);
- iv. Installation of IP PABX Systems for whole campus;
- v. Installation of Public Addressing Systems;
- vi. Installation of smart CC Camera Surveillance System of BPATC;
- vii. Smart Class Rooms (all Class Rooms);
- viii. Modern Network Management Systems.

### b) Software and online Management: Mid-term Plan (3-5 Years)

- i. Complete ERP Systems of BPATC-
  - Personnel Management Information System (PMIS);
  - Computerized Training Management System (CTMS);
  - Store Management System (SMS);
  - Accounts and Finance Management System (A&FMS);
  - Transport Management System (TMS);
  - Dormitory Management System (DMS);
  - Equipment and Furniture Management System (EFMS);
  - e-Clinic Management Systems;
  - e-Recruitment Systems;
  - e-Library with modern facilities;
  - e-Research and publication Systems;
  - e-Journal Systems and repository;
- ii. Integrate Online Payment System (Bus Ticket, Transport, Medical, Swimming Pool fees etc.) with Single ID Card;
- iii. Developing 3-5 e-Learning Courses and upload e-Learning Platform;

- iv. Continuation of Plagiarism Software (Turnitin or others) for all the Faculties and Participants (FTC, ACAD, SSC, PPMC, SFTC, short courses etc.);
- v. Installation of Govt. online meeting software (Boithok/others) instead of Zoom Meeting, Cisco Webex Meeting etc.

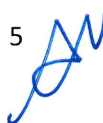
### **c) Training and Manpower: Mid-term Plan (3-5 Years)**

- i. ICT/e-Governance/Smart Bangladesh Module design for FTC, ACAD, SSC, PPMS, SFTC and other Courses;
- ii. Create ICT Posts for managing ICT setup and online systems;
- iii. Appoint/Promote IT Personnel;
- iv. Training (4IR, Smart Bangladesh, Online Training, Network Management, ERP, Smart Classroom etc.) for IT Personnel and Users (Faculty, Officers, Staffs and Participants);
- v. Smart Incentive packages for smart workers etc.

## **3) ICT Roadmap: Long-term Plan (6-10 Years)**

### **a) Hardware, Networking and Internet Systems: Long-term Plan (6-10 Years)**

- i. Incorporating 4IR (4<sup>th</sup> Industrial Revolution) supported Devices;
- ii. Artificial Intelligence (AI), Internet of Things (IoT) or other modern technology supported Computer Lab, Desktop Computer, Laptop, Printers, Scanners for all Officers and Selected Staffs;
- iii. Reinstall the AI/IoT/modern technology-based ICT Back-bone of BPATC (Fibre/Cable Networking, Wi-Fi system etc.);
- iv. Installation of smart CC Camera Surveillance System in BPATC and incorporating with management system;
- v. Smart Performance System/ HR Management System;
- vi. Smart Class Rooms (all Class Rooms);
- vii. Modern and smart ICT/4IR Management Systems.

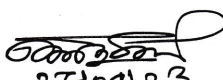



**b) Software and online Management: Long-term plan (6-10 Years)**


- i. Migrating data from AI/IoT/4IR/CC Camera devices to ERP/smart Systems of BPATC vice-versa;
- ii. AI (Artificial Intelligence) in HR Management Systems (Attendance, Leave, Job load management, Performance Management, Payment systems etc.);
- iii. Incorporate Career Planning System (in house Officers/Staffs) in BPATC ERP/software systems;
- iv. Mandatory e-Learning Courses and upload e-Learning Platform for Faculty and Participants;
- v. e-Library with modern facilities;
- vi. E-Research and publication Systems;
- vii. e-Journal Systems and repository;
- viii. Continuation of Plagiarism Software (Turnitin or others) for Faculty and Participants (FTC, ACAD, SSC, PPMC, SFTC or other courses etc.);
- ix. Installation of Government online Office Management Systems.


**c) Training and Manpower: Long-term plan (6-10 Years)**

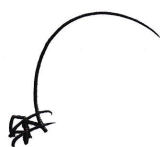
- i. ICT/e-Governance/Smart Bangladesh Module design for FTC, ACAD, SSC, PPMS, SFTC and other Courses;
- ii. Huge training on 4IR (AI, IoT, Block Chain etc.) completable systems and devices;
- iii. Create ICT Posts for managing ICT setup and online systems;
- vi. Auto recruitment and Promotion systems;
- vii. Smart incentive packages for smart workers etc.

  
27/04/23  
Dr. Mohammad Ziaul Islam  
System Analyst  
BPATC, Savar, Dhaka-1343

  
27.4.2023  
Dr. Md Moshur Rahman  
Deputy Director (Project)  
BPATC, Savar, Dhaka-1340

  
29/08/2026  
হাসান মুর্তাজা মাসুদ  
পরিচালক (পিপিআর)  
বিপিএটিসি, সাভার, ঢাকা

  
মোহাম্মদ রাজিবুল ইসলাম  
উপসচিব (১৫১৬৯)  
পরিচালক (প্রশাসন)  
বিপিএটিসি, সাভার, ঢাকা-১৩৪৩

  
26  
মোঃ মাহসীন আলী  
এমডিএস (আরআইসি)  
বিপিএটিসি, সাভার, ঢাকা

6  
ড. মোঃ মহসীন আলী  
এমডিএস (আরআইসি)