

**Government of West Bengal**  
**Information Technology & Electronics Department**

Monthly Administrative Report  
for the Month of **June, 2021**

(Ref: No. 527/US, Dt. 27.12.2019 of the Chief Secretary)

**i. Status of progress of expenditure against funds released for the department:**

Budget Estimate 2021-22 (State Development Scheme)	Rs.181 Cr.	Expenditure incurred: <b>0.51%</b> of the overall Budget, <b>1.97%</b> of fund released.
Fund Released by FD ( 25.83%)	Rs.46.75 Cr.	
Expenditure Incurred	Rs.92,02,279/-	

**ii.Target vs achievement under administrative calendar:**

1. IT Parks:

- 100% completion of work in r/o civil work in c/w Kalyani IT Park(Ph-II),BN-9 (Sector V), BN-4/1(Sector-V), Rajarhat IT Park(Ph-II). Other activities as per Administrative Calendar in r/o said IT Parks are in progress. More than 64% of civil and allied work have been completed in r/o EMC, Falta and work related with infrastructural development activities of EMC, Naihati is near completion.

2. WBSWAN:

- 55% work has been completed towards implementation of alternate connectivity at 159 L&LR offices across the State.
- 100% work has been completed towards implementation of redundant connectivity at RTO offices under Transport Department across the State.

3. West Bengal State Data Centre:

- 100% work have been completed in r/o augmentation of existing All Flash SAN Storage storage capacity (usable) from 120TB to 170TB to accommodate increased storage need of onboarded applications **and** Platform for maintenance work of PAC outdoor units installed at the 2nd floor.
- The work related with augmentation of existing Computing infrastructure of Openstack Cloud Enabled Platform by additional 264 core & 3TB RAM and onboarding of application infrastructure with states Cloud First hosting approach is near completion..

4. Cyber Security Centre of Excellence(CSCoE):

- Cyber Security Orientation Training (CSOT) training of about 683 Direct recruited Police personnel/officials of WBP has been completed.
- Cyber Swadhinata Programme (CSP) of about 193 Govt officials/staff and teachers has been completed.
- Work in Progress in r/o West Bengal Cyber Security Incident Response Team (WBCSIRT) For Rolling out WBCSIRT and SOC as a Service For Rolling out SOC.

5. Society for Natural Language Technology Research (SNLTR), a Society under the aegis of the IT&E Department:

- More than 75% work has been completed in r/o Linguistic Diversity Dashboard of West Bengal Version II-Extension of Digital Archive; Bi-directional Bangla-English Electronic Dictionary System: Translation Tools & MRD; Audio & e-book.

- More than 92% work has been completed in c/w Karmo Bhumi (Version – II):State Skill Registry of the Government of West Bengal in IT/ITeS sector.
- More than 83% work has been completed in c/w implementation of Online Single Window Clearance System Guidelines for Right of Way clearance and permission to set up BTS and laying of OFC.
- More than 91% work has been completed in r/o development of Online Event Management Portal-Version 2 organizing various events/workshops/webinars.
- More than 85% work has been completed in c/w development of SelfScan version 2 Designing and Development, Launching, maintenance

### **iii. Progress made under Flagship Schemes/ Programmes including large projects of the department during the month:**

**Bengal Silicon Valley:** The State has set up Bengal Silicon Valley as a world class state of art IT Hub in an area of **170 acres** of land of WBHIDCO in Action Area II, New Town, Kolkata. 65.085 acres land is already allotted to 4 nos. organizations, 55.634 acres land is under different stages of evaluation and allotment.

- **Launching Year** – 2018
- **Outcome** – The expected outcomes of the project are creating IT jobs in Kolkata and make Kolkata a popular destination for the IT industry. Bengal Silicon Valley is expected to garner 3000 Cr. investment in 5 years generating 20000 IT/ITeS jobs.

**IT/Hardware PARKS-Physical Infrastructure:**18 IT Parks and 1 Hardware Park are operational throughout the State including Tier-II and Tier III cities, viz. Durgapur (Ph-I&II), Siliguri (Ph-I, II & III), Kharagpur, Asansol, Bolpur, Haldia, Taratala, Howrah, Kalyani (Ph-I), Rajarhat (Ph-I), Barjora, Purulia, Malda, Krishnanagar, Kalimpong (rented space) and Sonarpur Hardware Park. The average occupancy is 69% for the IT Parks as on **30.06.2021**.

4 (four) new IT Parks are presently under construction. 2(two) of them are at Sector- V (at plot nos. BN-4----Webel Tower-I &BN-9----- Webel Tower-II), 1 (one) at Rajarhat (Ph-II) and 1 (one) at Kalyani (Ph-II). Average 99% of civil construction works and average of 86 % services work completed till **30.06.2021**.

2 Electronics Manufacturing Clusters (EMC) are under construction at Naihati & Falta. Boundary wall 100 % completed, overall average 80 % of basic infrastructure works (*gates, roads, drainage, UGR, pump house, sub-station etc.*) overall average 40 % of common facility building work and overall average 55 % of electrical infrastructure works completed for both the EMCs.

DPR, duly vetted by PWD, for the following proposed projects have already been placed to the Department for administrative approval. The same approval has not yet been accorded:-

- **5 (five)** proposed new IT Parks viz. Durgapur(Ph-III), Plot BN-6 at Sector-V, Belur, Kalimpong & Darjeeling.

Engg. Consultant selection process completed for these IT Parks except for Durgapur Ph-III IT Park which is presently under process. Subsequently, as advised by the IT & E Dept., all activities towards the Kalimpong & Darjeeling IT Parks have been kept on hold.

- 1 (one) Hardware Park at Kalyani.
  - 1(one) IT Innovation Centre at plot DP-6/1 in Sector-V.Engg. Consultant selection process completed for this project.

Moreover, as advised during review meetings at the Department, DPR has been prepared for Phase-IV IT Park at Siliguri and process has been initiated for placing the said DPR to IT & E Dept. for approval. Also, regarding the proposed 5 acres plot of Webel within Bengal Silicon Valley Hub for the proposed “IT Hub & Start Up-----Centre of Excellence” project, process earlier initiated for preparation of DPR. Land allotment letter issued by HIDCO and fund requisition for land cost was

earlier placed to the IT & E Dept. Recently, one follow up letter issued to IT & E Dept. for this project.

Further, proposal for Asansol IT Park (Ph-II) has also been placed to the Dept. for in principle approval.

- **Outcome**-Total nos. of IT Enterprise (IT/ITeS/ IT Support) is 262, total no. of direct employment is 3914 nos. and approx. 19570 nos. indirect employment (approximately 5 times above the direct employment as per NASSCOM Study) **as on 30.06.2021.**

**Cyber Security- Centre of Excellence:** Inaugurated and operational from November 2017. CS- CoE portal was launched on 16 March 2018. CS-CoE consists of **5** verticals such as (i) Capacity Building & Awareness Generation, (ii) Cyber Security Assurance, (iii) Security Operation Centre, (iv) Cyber Forensic & Investigation and (v) Research & Development and Advisory.

#### **Activities and Outcome up to 30.06.2021**

- **First Responder Training (FRT)** on Cybercrime Response for Police Personnel of West Bengal successfully completed for **520** police officials.
- **Cyber Security Orientation Training (CSOT)** -**683** direct recruited Police personnel trained.
- **Online training of police personnel on CDR/IPDR forensic tools** - **18** Police officials from various **Cyber Crime PS** participated.
- **Cyber Forensic preparatory training for CID Officials of WB Police** - **12** Police officials participated.
- **On the Job Training (OJT)** **11** Departments- UD&MA, Tourism, HIDCO, Science and Technology, Environment, Technical Education Training and Skill Development. Webel, WTL, Judicial, Labour, WBBSE including Office of District Magistrate Darjeeling, Kalimpong and Siliguri Mahakuma Parishad- **1748** employees got trained.
- **Awareness Generation Program:** Till date a total of **6607** participants attended various Cyber Awareness programs organised by the CS-CoE.

**Last event:** Webinar on Security Awareness in Digital Tomorrow (from 7th June, 2021 to 9th June, 2021): **1964** officials participated.

- **Cyber Swadhinata Programme**—It is an online awareness generation programme on **Cyber Incident & Detection** for state government officials. It witnessed successful passing out of **233** officials of the State Government.
- **Cyber Shikshak** - Cyber Security Awareness Training for the teachers of West Bengal: **446** teachers/professors/faculty members participated.
- **ICT Infrastructure Audit:**In process for **14** Departments, completed for **6** Departments.

**Initiated for 82 Govt. establishments**

- **Web Security Audit:** Running for **18** Portals, Completed for **11** web Portals.

**Initiated for 106 Web Portals**

- On receipt of the POC from **NCIIPC/Cert-In/SIB Kolkata** the CS-CoE informs the same to the owner department to patch up the vulnerabilities. Till now the process is completed for **125** web portals.
- Advisories Published using official portal <https://cscoc.itewb.gov.in> : **38**
- **Online quiz programme:** Online quiz programme on **Cyber Security** organized for generating cyber awareness among the citizens.
  - ✓ **Phase 01:** Held at 4 pm on each day from 16th Oct 2020 to 31st Oct 2020. In total, **4400** participants took part in the quiz programme.
  - ✓ **Phase 02:** Regularly held at 4 pm on each Sunday from 17<sup>th</sup> Jan 2021 to 28<sup>th</sup> Mar 2021. In total, **1695** participants took part in the quiz programme till now.
- **Other quiz programme:** CS-CoE participated in various events and organized quiz programme on **Cyber Security** for generating cyber awareness among the citizens.
  - ✓ **Milan Utsav 2021**(1<sup>st</sup> February to 5<sup>th</sup> February):**710** participants took part
  - ✓ **Kreta Suraksha Mela 2021**(19<sup>th</sup> February to 21<sup>st</sup> February):**209** participants took part
  - ✓ **Swyamsiddha Mela 2021**(19<sup>th</sup> February):**68** participants took part
  - ✓ **OJT at WBBSE** (10<sup>th</sup> March):**34** participants took part
  - ✓ **Siliguri Hachathon and Cyber Shikshak** (17<sup>th</sup> March): **73** participants took part
  - ✓ **Online OJT** (25<sup>th</sup> May):**41** participants took part
  - ✓ **Online Cyber Shikshak Programme**(28<sup>th</sup> May): **227** participants took part
  - ✓ **Webinar on Security Awareness in Digital Tomorrow** (from 7th June, 2021 to 9th June, 2021): **1002** participants took part.

#### **iv. Innovative interventions/Reform initiatives taken during the month:**

##### **Karmo Bhumi Status (June 2021)**

At present, the KARMO BHUMI portal has the following attributes:

- Maximum registrations (10,000+) are in the Age Group of 18-30 years
- Inclusion of more than 30 main skills along with the addition of more than 800 sub-skillsets to capture candidates' profile
- Applicant registered: 45352
- Nearly 400 employers

Experiencing the massive second wave of the Covid-19 Pandemic, and realizing three key concepts of new production system, i.e., (a) *Digital revenue* (b) *Remotely working* and (c) *Continuous up-skilling to survive*, Department of Information Technology and Electronics, Govt. of West Bengal proposes West Bengal Institute of Skill Development (WBISD) at Kolkata. WBISD would be the foundation of KARMO BHUMI to ensure its sustainable continuation and service to the citizens.

Sl. No.	Activities	Progress	Target Date / Status
1	Preparation of RFP for employer on-boarding training partner engagement revamped development partner on-boarding promotion partner engagement	Scopes of Work have been finalised. Approval to be taken and RFPs to be published.	Completed
2	PBSSD – hand over credentials for the Admin module to T&TED officials	PBSSD module in KB has been developed, discussed and handed over to PBSSD officials.	Completed
3	Internship – follow up with colleges	Initial meeting done. College authorities would need to upload student details post finalization of the module segments	Ongoing
4	Advanced assessment for 30 skillsets have been initiated. Basic assessment and Counselling has started for 8 skillsets, 22 skillsets yet to be initiated	Follow-up with Radiant	Ongoing
5	Job and internship opportunities – needs to be personally sourced Reach out to registered employers – to capture their requirements and post vacancies Scout / curate internship postings from platforms such as internshala etc. Reach out to personal contacts to generate / gather job/internship opportunities	Mailer and SMS en-masse to be shared through JS/PS and follow up with employers to be done Internship platforms to be identified and opportunities captured TBD	Ongoing
6	Training on specific skillsets General training on skills on demand ( Excel, Data Science, Cyber-security, Python, Cloud Computing etc.) through web casting Training of Trainers (ToT) post identification of suitable candidates	Identification of trainers for imparting of online training is in progress Candidates to be identified for ToT program	Ongoing (Webinars and Training)
7	Development of training module	Initial discussion on the work-flow has been conducted. Sanjoy C to develop the module and share.	Completed

### SelfScan (As on June 2021)

Before we progress towards the next version, the present Android and iOS version of the SelfScan app requires to be more accurate with the existing functionalities and maintained properly. The progress analysis of the new planning of the present app is described below for further persuasion of the project.

- Downloaded from Google Play store: 73747
- Direct downloaded from web portal (selfscan.nltr.org) 63874 (Currently the direct download link is removed from the portal)

Our new attempt includes more functionalites like; OCR Facility in multiple languages, Document scan type, Automatic Archiving or Automatic Scan Save, Multi-Page operation,

Offline Facility, Free Data Functioning, Scanning Visiting card, Multilingual Support, Encryption/ decryption, Collage, Web interface, etc.

We are at present working to incorporate following functional features:

- Scanning: SelfScan 2.0 turn our phone into a powerful scanner. It Scan anything including documents, paper notes, receipts, and books into clear & sharp PDFs and images. Convert images into text with OCR technology and export to encrypted or password protected PDF files. In this version we enhance the scanning quality. Where it gives better result on images which have some shadows.
- OCR Facility, Convert image to text: Currently the OCR support is available only for English. A plan to scale up the system to include OCR for Bengali, Hindi and other languages are currently under consideration. As per the current design policy, no data is sent to the server even for OCR, hence all processing is done locally at the device. OCR facility enables scanning of handwritten documents as well.
- Document scan type: Options for selecting default document scan type out of available options e.g. PDF or JPG.
- Automatic Archiving or Automatic Scan Save: When a document is scanned to share with someone and the user forgets to save the document, the document will automatically be saved (In this case the user needs to activate this facility from the Settings, by default, this feature is kept activated).
- Multi-Page operation: Ensures scanning of multiple pages at a time and stores integrated document, thereby reducing chances of discontinuity.
- Offline Facility: After installation of the app, no internet is required for scanning documents even for OCR. This ensures data is not leaked through internet.
- Free Data Functioning: Scanning is done inside the user's own device without sending it to the server.
- Privacy: The SelfScan does not capture any personal data. No cookies, no background data collection ensure the privacy of an individual.
- Security: Data is stored in the device and not in app or server. There are no cookies. Ensures data security.
- Password protection: Protection of important documents with password has been considered as a scalability option and the feature will be available shortly.
- Visiting card: How cool it would be to click a visiting card and get its content as contact in mobile phone! We will be developing it.
- Multilingual Support: The SelfScan 2.0 will be enable to scan texts from multiple languages
- Encryption / decryption: Encryption / decryption of documents and sharing such document through SelfScan.
- Collage: In this feature user created a collage by combining photos, clippings small objects onto a surface and make beautiful image.
- Personal note - a new feature by which user can send a hand written note as a layover on an image or a scanned document.
- Search: Findability is critical for documents as its purpose is to provide information quickly and easily. We provide in-document search feature.

**v. Adoption of IFMS and other e-governance methods; e-files dealt in the Department during the month:**

**IFMS:**

Sl. No.	MODULE	No. Of Count	Amount	REMARKS
1	e-Bantan	2	Rs. 41,217/-	02 (Two) GOs have been sanctioned through e-Bantan in the month of June, 2021 i.f.o. M/S Solvent and M/S Anjan Mukherjee.
2	AAFS	0	-	No Administrative Approval generated in the month of June, 2021.
3	CBMS	0	-	NIL
4	SBMS	0	-	NIL

**e-Office/ e-File:** Number of e-File transaction in the Department was **440** during the month of **June, 2021**. Number of User for e-Office was **47. 8** new e-File was created during this month.

**vi. Progress made with regard to pending disciplinary proceedings during the month:**

No. of DP cases pending: Nil

**vii. Progress made with regard to pending court cases during the month:**

Cases pending in the Department = 11.

Cases pending in WEBEL (PSU) = 49.

No. of Hearings held = 4.

No. of Cases disposed of = 0.

Cases of WEBEL are monitored by their own/hired Legal Advisor/Firm.

**viii. Progress made with regard to pending audit paras during the month:**

NIL.

**ix. Awards received by the department in the month, if any:**

Shri Sanjay Kumar Das, WBCS (Exe.), Joint Secretary, Department of IT&E and State Information Security Officer, West Bengal has received a Certificate of Appreciation for sharing valuable expertise in the Cyber Security & BFSI Virtual Conclave, 2021.

**x. Issues pertaining to the department that needs to be brought to the notice of Chief Secretary, especially those involving inter-departmental issues, Gol and Court orders:**

NIL.

**xi. Record of punctuality and discipline:**

There are **11** nos. of Gr.-A officers , **10** nos. of Gr.-B & C employees and **08** nos. of Gr.-D employees in IT&E Department. All the employees maintained punctuality and discipline during the month.

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