

Government of West Bengal
Information Technology & Electronics Department

Monthly Administrative Report
for the Month of May, 2023

(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 2023-24 (State Development Scheme)	Rs. 196,35,00,000/-	Expenditure incurred: 1.33% of the overall Budget, 4.03% of fund released.
Fund Released by FD (32.99%)	Rs. 64,77,43,000/-	
Expenditure Incurred	Rs. 2,61,65,199/-	

ii. Target vs achievement under administrative calendar:

1. IT Parks:

- 100% completion of work in c/w Kalyani IT Park (Ph-II), BN-9 IT Park (Sector V), BN-4 IT Park (Sector-V), Rajarhat IT Park (Ph-II). IT Park kalyani Ph-II also became operational. 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:

- 92% work has been completed for bandwidth upgradation of WBSWAN.
- The work for creation of WiFi Zone at Diamond Harbour (Ph-II) is under progress.

3. West Bengal State Data Centre:

- The augmented West Bengal State Data Centre (WB-SDC) has increased its capacity around 3.5 Petabyte which is around 5 times comparing to its previous capacity. Around 1200 Virtual Machines are operational in WB-SDC which includes various flagship schemes of State Government. Every service of the State Data Centre is being offered via an Online Single Window System, <https://hosting.wb.gov.in> . A Disaster Recovery (DR) Site has also developed at Purulia District for safekeeping the data of Government and Citizen.

4) Cyber Security Centre of Excellence (CSCoE):

- First Responder Training (FRT) of about 1900 SI/Constables of WBP and Kolkata Police has been completed till date. 110 SI/Constables of WBP and Kolkata Police were trained during the month of May 2023.
- Cyberer Sahajpath awareness training program for 10th and 12th standard students have been trained during this month. Total number of students participated during the online training program was 835.
- 140 students of Brainware University, Barasat were given On the Job Training (OJT) on cyber security. OJT was also conducted to 30 officials of Child Rights and You (CRY) on cyber security.

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

Following projects of Society For Natural Language & Technology Research(SNLTR) have been successfully completed : Linguistic Diversity Dashboard of West Bengal Version II; Extension of Digital Archive; Bi-directional Bangla-English Electronic Dictionary System: Translation Tools & MRD; Audio, e-Braille: Convert 2500 Book pages of WBBSE in Braille, 500 Tactile, Karmo Bhumi (Version – II); State Skill Registry of the Government of West Bengal in IT/ITeS sector., Online Single Window Clearance System Guidelines for Right of Way clearance and permission to set up BTS and laying of OFC, Online Event Management Portal-Version to organizing various events/workshops/webinars., 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.

After the management of Bengal Silicon Valley has come recently under the aegis of the IT&E Department, setting up of physical infrastructure there has garnered traction. Altogether forty five companies were found eligible to be allotted land in Bengal Silicon Valley in the initial screening and till date thirty eight companies have been issued letter of Intent by HIDCO. By now as many as nine companies have started construction in full swing. This list includes big names like Reliance ,who are building an IT park spreading over an area of 41 acres; Airtel Nxtra; ST Telemedia; NTT- the Japanese giant in Data Centre Business; and Larsen &Toubro-Mind Tree who are developing a sprawling campus of 21 acres to accommodate thousands of IT professionals. TCS has also signed the agreement with HIDCO recently and are about to start construction in an area spreading over twenty acres. Many of the rest have their plans sanctioned and construction is on the anvil. Demand for land is at its peak. The Bengal Silicon Valley is going to revolutionize the IT ecosystem of West Bengal within 2025. Altogether an investment of about 25k crore is expected by 2025 in Bengal Silicon Valley alone creating about 40 thousand direct employment and indirect employment of another 50 thousand at the least. The impact will be felt in real estate, hospitality, and in the consumer market at large.

Adjacent to the Bengal Silicon Valley, Infosys was allotted an area of about 50 acres where they are building their campus at a very rapid pace. They have said in a correspondence that they are reasonably confident to get the project completed and start operation by the end of 2024. Meanwhile, Infosys has recently started operation in a 400 seater rented accommodation at Mani Cassadona in Sector-1 , NewTown. This is real good news for the IT professionals of West Bengal.

IT/Hardware PARKS-Physical Infrastructure: ---22 nos. IT Parks,1 no. Hardware Park and 2 nos. Electronics Manufacturing Clusters (EMC). All the IT Parksare presently 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. Further, 4 (four) new IT Parks have subsequently come up. 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). Webel Tower-I (BN-4)&RajarhatPh-II IT Park, became operational on 01.01.2022 & 15.01.2022 respectively. Webel Tower-II

(BN-9) & Kalyani Ph-II also became operational w.e.f 01.02.2022 and 01.04.2022 respectively. The average occupancy is **85.27 %** for all the IT Parks as on **31.05.2023**.

Regarding Sonarpur Hardware Park, M/s Liveline Electronics had earlier applied and received physical possession of their land (Plot no 17A). They earlier submitted application for building plan sanction which got in principle approval from Webel. The agency will be starting construction of their unit shortly.

Regarding EMC at Naihati, approx. 22 acres of land (out of total 70 acres) have already been handed over to WBIDC. Site construction activities for the common infrastructures have been restricted as per limited availability of fund. M/s Sisir Radar Pvt. Ltd had earlier applied for 2 acres of land at EMC Naihati. Subsequently, Cabinet approved the application and accordingly, the agency has been issued allotment letter post payment of lease premium in full. Informal possession handed over at site.

Regarding EMC at Falta, possession of Land (approx. 58 acres) has been returned back to WBIDC as per their request along with all structures constructed over there. One agency M/s Signotron India Pvt. Ltd had earlier applied for a plot of land (1.1 acres) within the project.

State Govt. earlier wrote to MeitY, Govt. of India, for consideration on de-notification for both the EMCs.

Regarding upcoming projects, DPR, duly vetted by PWD, for the following proposed projects have already been placed to the IT & E 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. Follow up is on for these projects. Queries from IT Dept. / Finance Dept. are being addressed, whenever received. Follow up letters issued for all those projects.

Further, detail estimate for BN-6 IT Park has already been prepared and submitted to the IT & E Dept. for approval. This is as per requirement from the Finance Dept.

Engg. Consultant selection process earlier taken up for all the aforementioned upcoming IT Parks. Land allotment formalities for the Durgapur Ph-III IT Park project in process. Regarding Kalimpong & Darjeeling IT Parks, as advised earlier by the IT & E Dept., all activities for these projects were kept on hold. Letters subsequently issued to the Dept. with request for revival of both the projects. In the recent past, queries received from PCC of Finance Dept. on both Kalimpong & Darjeeling IT Parks. All such queries were attended with immediate effect. Regarding Belur IT Park, IT & E Dept. earlier issued letter to Webel asking for opinions on handing over the Belur land to WBIDC. Reply letter also sent for a review on such proposal.

- 1 (one) earlier proposed Hardware Park at Kalyani-----Earlier, DPR for the entire 48 acres land was prepared and vetted by PWD through the selected consultant M/s. I-Win. Payment of their consultancy fees is pending owing to non-receipt of fund for the purpose. Later on, proposal came for handing over of approx. 25 acres of land to WBIDC. Also, M/s TDK earlier enquired for approx. 30 acres of land for setting up of their unit. Ultimate utilization of the entire land is to be decided.
- 1(one) IT Innovation Centre at plot DP-6/1 in Sector-V-----Engg. Consultant selection process completed for this project. Follow up letter also issued for the proposed IT Innovation Centre project.
- E-waste facility is proposed to be set up within a plot of Sonarpur Hardware Park. Engg. consultant selected. Soil test already done. The IPR (as prepared by the then PMU) had a provision of only 1 Cr. against infrastructure creation which is not

feasible. The DPR has been formed through the selected e-waste consultant (M/s. Cerebra) with a total fund proposal of approx. Rs. 31 Cr. As per the DPR, the project is proposed to be developed at a much larger scale than the IPR proposal. The earlier proposed plant capacity of 2 TPA has now been proposed for upgradation to 6 TPA. The costs for actual basic infrastructure (civil/allied and other services) was provided as Rs. 15 Cr. in the DPR. Detail Estimate for the same was supposed to be formed though the selected engg. consultant M/s. I-Win Advisory Services Ltd. However, WBPCB has initially sanctioned a total amount of only Rs. 10 Cr. for the project. Modified scheme is presently to be explored within this budget.

- As advised during earlier review meetings at the IT & E Department, DPR prepared for Phase-IV IT Park at Siliguri and vetted through PWD. The same was then placed to the Dept. for approval. Further follow up letter also issued for project approval.
- Webel has 5 acres plot at Bengal Silicon Valley (BSV) Hub, New Town. Land allotment letter earlier issued by HIDCO with request for payment of the land premium. In the recent past, fund received against the land premium and the same has been remitted to HIDCO. Subsequently, joint plot demarcation/measurement at site took place and allotment agreement with HIDCO is in advance stage of execution followed by issuance of formal possession letter by HIDCO.

Fund also received in the recent past for construction of boundary wall/gate and work for the same is presently going on in full swing. Almost 35% of the total work completed.

Webel earlier proposed “IT Hub & Start Up Centre of Excellence” project within the BSV plot and letter sent to IT & E Dept. for in principle approval. E-tendering also done earlier for selection of DPR consultant. Later on, draft RFP document prepared in line with the present proposal for development of the main project on PPP model. Formal proposal to be sent in this respect.

- Further, proposal for Asansol IT Park (Ph-II) was placed to the Dept. earlier for in principle approval. Now, DPR will be prepared and cost proposal will be placed for further approval.

Outcome-Total nos. of IT Enterprise (IT/ITeS/ IT Support) is 410, total nos. of direct employment are 7362 nos. and approx. 36,810 nos. indirect employments (approximately 5 times above the direct employment as per earlier NASSCOM Study) **as on 31.05.2023.**

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 31.05.2023

- **Training on Secured Coding Practice Framework:** 96 Police officials participated.
- **Detailed Responder Training (DRT):** 13 Police officials took part.
- **First Responder Training (FRT)** on Cybercrime Response for Police Personnel of West Bengal successfully completed for 1900 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.
- **CybererSahajpath - a Cyber Security Awareness Training programme for the students:**
 - **2023 :** 2293 Students took part
 - **2022:** 1538 Students took part
- **On the Job Training (OJT)18 Departments- UD&MA, Tourism, HIDCO, Science and Technology, Environment, Technical Education Training and Skill Development, Webel, WTL, Judicial, Labour, WBBSE, Howrah Improvement Trust, Benfish– West Bengal State Fishermen’s Co-Operative Federation Limited, Power System Operation Corporation Limited, Department of North Bengal Development, Agriculture, Forest Department, Co-operation Department, WRI&D, Transport Department** including WBSEDCL and Office of District Magistrate Darjeeling, Kalimpong, Paschim Medinipur, Purulia and Siliguri Mahakuma Parishad- 3035employees got trained.

Basic Training on Cyber Security and Cyber Hygiene practices in collaboration with **B R Ambedkar Institute of Panchayat and Rural Development: 6020** officials participated.

- **Training of Advocates on Recent trends on Cyber Crime & Cyber Law:** 200 Advocates participated.
- **Interactive session on ‘Cyber Security & Digital Forensic’:** 50 students took part.
- **Awareness Generation Program:** Till date a total of **13500** participants attended various Cyber Awareness programs organised by the CS-CoE.

Cyber Awareness Camp in Kola Union High School, PurbaMedinipur (08.12.2022): 100 Students took part.

Training for Field staffs of WBMDFC at Darjeeling (May, 15, 2022): 200 Field staff took part.

Training on Cyber Hygiene at Jal Vayu Tower (May 17, 2022): 50 People took Part.

Training on Cyber Hygiene at **Ramakrishna Sarada Mission Vivekananda Vidyabhavan Girls College** (March 11, 2022): 250 Students took part.

International Kolkata Book Fair 2022:CS-CoE participated in International Kolkata Book Fair 2022 from 28th Feb to 13th March, 2022 at Central Park, Salt Lake, Kolkata, Organised by Publishers and Booksellers’ Guild.

Kreta Suraksha Mela 2022:CS-CoE participated in Kreta Suraksha Mela 2022 from **25th March to 27th March, 2022 at Netaji Indoor Stadium.**

Milan Utsav (February 11- February 16, 2022): For mass awareness generation CS-CoE participated in **Milan Utsav 2022** at Park Circus Maidan in collaboration with **West Bengal Minority Development and Finance Corporation (WBMDFC)** and District administrations.

8thJungle Mahal Utsav (January 17- January 19, 2022):For mass awareness generation CS-CoE participated in **8th Jungle Mahal Utsav** in six districts (Paschim Bardhaman, PaschimMedinipur, Birbhum, Bankura, Purulia, Jhargram) in collaboration with **Paschimanchal Unnayan Parishad** and Police and District administrations.

Data privacy day 2022 - 28th January 2022: Observed Data Privacy Day jointly with **Data Security Council of India**. Data privacy Pledge undertaken by **1.25 Lakh** people of different segments. Organized 4 talks show on **Friends FM** for addressing different segments of the society. A mega Data Privacy Quiz was also conducted. Awareness posters are also circulated

using social-media and official portal. With support from district administrations awareness generation campaigns are organized in various places of the state.

Crossword Puzzle Challenge: 30 participants took part.

Secure Bengal 2021: It is a learning opportunity and mega hackathon competition for college students of West Bengal. Total 25000 students enrolled.

Inauguration programme	August 18, 2021	12000 students has attended
1 st Industry Speaker Sessions	August 31, 2021	2500 students has attended
2 nd Industry Speaker Sessions	September 03, 2021	1934 students has attended
3 rd Industry Speaker Sessions	September 22, 2021	537 students has attended
4 th Industry Speaker Sessions	September 25, 2021	287 students has attended

1716 students participated through the platform directly.

- **Cyber Swadhinata Programme**—It is an online awareness generation programme on **Cyber Incident & Detection** for state government officials. It witnessed successful passing out of **287** officials of the State Government.
- **Cyber Shikshak** - Cyber Security Awareness Training for the teachers of West Bengal: **7200** 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 7 Portals, Completed for **30** web Portals.

Initiated for 110 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 **150** web portals.
- Advisories Published using official portal <https://cscoweb.gov.in> : **45**
- **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 17th Jan 2021 to 28th Mar 2021. In total, **1695** participants took part in the quiz programme till now.
 - ✓ **Phase 03:** Held during NCSAM 2021. In total, **2473** participants took part in the quiz programme.
- **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** (1st February to 5th February): **710** participants took part
 - ✓ **Kreta Suraksha Mela 2021** (19th February to 21st February): **209** participants took part
 - ✓ **Swyamsiddha Mela 2021** (19th February): **68** participants took part
 - ✓ **OJT at WBBSE** (10th March): **34** participants took part

- ✓ **Siliguri Hachathon and Cyber Shikshak** (17th March): 73 participants took part
- ✓ **Online OJT** (25th May): 41 participants took part
- ✓ **Online Cyber Shikshak Programme** (28th May): 227 participants took part
- ✓ **Webinar on Security Awareness in Digital Tomorrow** (from 7th June, 2021 to 9th June, 2021): 1002 participants took part
- ✓ **Secure Bengal 2021** (22.09.2021): 79 participants took part.
- ✓ **Durga Puja Pandel 2021**: 89 participants took part.
- ✓ **Online Cyber Shikshak Program (During NCSAM 2021)**: 2500 participants took part.
- ✓ **Closing Ceremony of NCSAM 2021**: 75 participants took part.
- ✓ **Cloud Yatra at Park Hotel, Kolkata on 12th Nov, 2021**: 25 participants took part.
- ✓ **eHaCON 2021 - 4th International Ethical Hacking Conference** (19th Nov): 373 participants took part.
- ✓ **Faculty Development Program (MCKV) on Cyber Security** (9th Dec): 104 participants took part.
- ✓ **Cyber Shikshak Programme at Vidyasagar University** (20th Dec): 52 participants took part.
- ✓ **OJT at Paschim Medinipur district collectorate** (21st Dec): 42 participants took part.
- ✓ **Quiz for BRAIPRD, Kalyani** (5th Jan, 22): 22 participants took part.
- ✓ **Data privacy day 2022 - 28th January 2022**: 115 participants took part.
- ✓ **Milan Utsav 2022** (February 11- February 16, 2022): 304 participants took part
- ✓ **International Kolkata Book Fair 2022**: 759 participants took part
- ✓ **Kolkata Hachathon** (24th March): 93 participants took part
- ✓ **Cyberer Sahajpath** (20th March to 28th March): 904 Participants took part.
- ✓ **Training on Cyber Hygiene at Ramakrishna Sarada Mission Vivekananda Vidyabhavan Girls College** (March 11, 2022): 115 Students took part.

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

Karmo Bhumi Status Report (As on May, 2023):

An MoU has been signed between the Dept. of ITE and Tech-Mahindra to increase employability amongst the registrants of Karmo Bhumi.

Several Trainings would have been started immediately by Microsoft. Initial discussion has been completed.

Apart from the regular activities, there are several milestones achieved in Karmo Bhumi. Following statistics reflects such achievements:

Applicants' Info

Applicant Registered	49402
Applicant Profile Updated	19751
Applicant Technology Updated	3192
Like to have Skill Assessment	8317
Like to have Skill Upgrade	7834
Employers' Info	
Application Submitted	81220
Applicant Downloaded	2455
Employer Verified	425
Employer Pending	225
Employer Rejected	146
Institute Info	
Institute Verified	10
Institute Pending	9
Institute Rejected	0
Training Partner Info	
Training Partner Verified	1
Training Partner Pending	2
Training Partner Rejected	0
Training Info	
Published training	0
Waiting for Approval	0
Rejected Training	0
Others Info	
Website Visited	3977105
Applicant App Downloaded	24144

Regular activities in Karmo Bhumi:

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	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

Sl. No.	Activities	Progress	Target Date / Status
	from platforms such as internshala etc. Reach out to personal contacts to generate / gather job/internship opportunities		
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 Status Report (As on May, 2023)

- Downloaded from Google Play store: 1,15,735 .
- Direct downloaded from web portal (selfscan.nltr.org) 96408 (Currently the direct download link is removed from the portal)

We are at present working to incorporate following functional features:

New changes in SelfScan

- Old PDF version opening issue resolved.
- Opening large files (Word/PDF).
- Insertion a page in document.
- New Image Filter.
- New Shadow remove algorithm implemented.

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	11	Rs. 2,06,25,586/-	11 (eleven) GOs have been sanctioned through e-Bantan in the month of May, 2023 i.f.o. Webel, WTL, Sapio, M/S Khanna, M/s Kamal Chandra Das, Zone By Park & RCCIIT.
2	AAFS	2	Rs. 31,47,467/-	Two (02) Administrative Approval generated in the month of May, 2023.
3	CBMS	0	00	NIL
4	SBMS	0	NIL	NIL

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 = 13.

Cases pending in WEBEL (PSU) = 47.

No. of Hearings held = 3.

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:

NIL.

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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