

Government of West Bengal
Information Technology & Electronics Department

Monthly Administrative Report
for the Month of November, 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: 32.75% of the overall Budget, 69.76% of fund released.
Fund Released by FD (46.95%)	Rs.84.97 Cr.	
Expenditure Incurred	Rs.59,27,76,213/-	

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). 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 683Direct recruited Police personnel/officials of WBP has been completed.
- Cyber Swadhinata Programme (CSP) of about 233 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.

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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 2organizing 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. 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 71.33% for the IT Parks as on **30.11.2021**.

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 96 % services work completed till **30.11.2021**.

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. Follow up process initiated for these projects. Queries from IT Dept. are being addressed, whenever received.

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

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on hold. Letters recently issued to the Dept. with request for revival of both the projects.

- 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. E-waste facility of approx. 10000 sq.ft. is proposed to be set up within a portion of the plot.

Moreover, as advised during review meetings at the Department, DPR has been prepared for Phase-IV IT Park at Siliguri and placed to the Dept. for approval. Also, regarding the proposed 5 acre plot of Webel within Bengal Silicon Valley Hub for the proposed “IT Hub & Start Up-----Centre of Excellence” project, process initiated for preparation of DPR. Land allotment letter issued by HIDCO and fund requisition for land placed to the IT & E Dept. Query received from IT & E Dept. and the same has been placed to HIDCO for further action. Proposal for Asansol IT Park (Ph-II) has also been placed to the Dept. for in principle approval.

Admin calendar for the year 2022, with inclusion of proposed upcoming IT infrastructure projects, has already been placed to the Dept.

- **Outcome**-Total nos. of IT Enterprise (IT/ITeS/ IT Support) is 262, total no. of direct employment is 4810 nos. and approx. 24050 nos. indirect employment (approximately 5 times above the direct employment as per NASSCOM Study) **as on 30.11.2021** .

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 30.11.2021

- **Training on Secured Coding Practice Framework:** 96 Police officials participated.
- **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)**15 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- 2000 employees got trained.
- **Awareness Generation Program:** Till date a total of 8573 participants attended various Cyber Awareness programs organised by the CS-CoE.

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	August 31, 2021	2500 students has attended

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Sessions				
2 nd Sessions	Industry Speaker	September 03, 2021		1934 students has attended
3 rd Sessions	Industry Speaker	September 22, 2021		537 students has attended
4 th Sessions	Industry Speaker	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 **233** officials of the State Government.
- **Cyber Shikshak** - Cyber Security Awareness Training for the teachers of West Bengal: **6500** 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 **8** Portals, Completed for **16** 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 **130** web portals.
- Advisories Published using official portal <https://cscocoe.itewb.gov.in> : **40**
- **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, **2425** 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.

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- ✓ **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(19thNov, 2021):****373** participants took part.

iv. Innovative interventions/Reform initiatives taken during the month:**Karmo Bhumi Status (as on November 2021)**

In July, 2021, the progress of Karmo Bhumi includes one free training programme on basic and advance excel for its candidates. The details of the programme are as follows:

- a. The webinar (1.5 Hours) - on "Basic Excel Skills"
- b. Assessment Questions: We would also need to have an assessment on the Basic Excel Skill comprising of minimum 40 questions
- c. Training program (18 Hours) on " Advanced Excel "

Apart from this the following activities remain ongoing:

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

Module	Statistical Figure
Applicant Registered	48488
Applicant Profile Updated	18778
Applicant Technology Updated	3152
Applicants Like to have Skill Assessment	7923
Like to have Skill Upgrade	7472
Application Submitted	71769
Verified Employer	413
Website Visited	3771874
Verified Institute for Internship provision	8
Basic assessment taken	414
Advanced assessment taken	380

The list of Institutes on-boarded to Karmo Bhumi Internship Module are as follows:

- BETHUNE COLLEGE (<http://www.bethunecollege.ac.in>)
- INSTITUTE OF ENGINEERING & MANAGEMENT(<https://iem.edu.in/>)
- KARMOBHUMI UNIVERSITY (<https://karmobhumi.nltr.org>)
- RAMAKRISHNA MISSION VIVEKANANDA EDUCATIONAL AND RESEARCH INSTITUTE (<http://www.rkmvu.ac.in>)
- TECHNO INDIA UNIVERSITY, WEST BENGAL (<https://www.technoindiauniversity.ac.in>)
- UNIVERSITY OF ENGINEERING & MANAGEMENT KOLKATA (<https://www.uem.edu.in>)

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- UNIVERSITY OF ENGINEERING & MANAGEMENT Jaipur (<https://uem.edu.in/uem-jaipur/>)
- WEBEL TECHNOLOGY LIMITED (<http://www.webeltechnology.com>)

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 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 November 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: 93621
- Direct downloaded from web portal (selfscan.nltr.org) 63874 (Currently the direct download link is removed from the portal)

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Our new attempt includes more functionalities 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:

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. 26,97,99,759/-	11 (eleven) GOs have been sanctioned through e-Bantan in the month of November, 2021 i.f.o. Webel, WTL, M/s Bharat Enterprise and M/s Anjan Mukherjee.
2	AAFS	1	Rs. 6,00,00,000/-	01 (one) Administrative Approval generated in the month of November, 2021.
3	CBMS	0	NIL	NIL
4	SBMS	0	NIL	NIL

e-Office /e-File: Number of e-File transaction in the Department was **570** during the month of **October, 2021**. Number of User for e-Office was **46. 6** 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 = 8.

Cases pending in WEBEL (PSU) = 49.

No. of Hearings held = 9.

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:

- i) Cyber Security Centre of Excellence (CsCOE), Department of IT&E, Government of West Bengal has been awarded in the project category Cyber Assurance Program in the Governance Now, 4th Digital Transformation Awards.
- ii) Department of Information Technology & Electronics, Government of West Bengal has received a Skoch Order of Merit award for the COVID-19 Emergency Helpline for IT/ITeS by qualifying the semi – finals of SKOCH Award, 2021.
- iii) Department of Information Technology & Electronics, Government of West Bengal has received a Skoch Order of Merit award for the Self Scan Application by qualifying the semi – finals of SKOCH Award, 2021.
- iv) Department of Information Technology & Electronics, Government of West Bengal has received a Skoch Order of Merit award for the Cyber Assurance Programme by qualifying the semi – finals of SKOCH Award, 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 **10** 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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