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Government of Madhya Pradesh

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BHOPAL
11-12 AUGUST 2023

MADHYA PRADESH EDITION

APAC 4th INDIA DIGITAL EMPOWERMENT MEET & AWARDS

EMPOWERING PEOPLE & NATION THROUGH DIGITAL INNOVATIONS

Event Report

Highlights of the Event

50+ Speakers, 10+ States, 200+ Delegates

“It is time to embrace Emerging Technologies for Governance transformation in India focusing on skilled manpower and countering challenges of cyber security.”



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Inaugural Session: New Era of Digital Governance in India: Game Changing Innovation through Technology

Welcome Address & Opening Remarks: **Abhijeet Agrawal, Managing Director, Madhya Pradesh State Electronics Development Corporation (MPSeDC)**



"I welcome all the dignitaries in this prestigious event which will act as a knowledge sharing platform to discuss best practices of emerging technology led digital governance in the country."

Keynote Address: **Dr Ajay Kumar, Former Union Defense Secretary & Distinguished Visiting Professor, IIT Kanpur**



"Let us all take challenges as opportunities and focus on creating trained manpower on AI. India has the chance to leapfrog in this as this will create job opportunities. I will request Government of Madhya Pradesh to focus on creating courses in AI & emerging technologies in college, university level."



Keynote Address: **Dr R S Sharma, Former CEO, National Health Authority, Government of India**

"India has leapfrogged in Digital journey. At the same time, Madhya Pradesh has done remarkably well in digital governance. For example- e rupee can be game changer in this. Cashless, paperless governance is being implemented in India under the visionary leadership of Hon'ble Prime Minister."

Chief Guest: Om Prakash Saklecha, Hon'ble Minister, Department of Science & Technology, Government of Madhya Pradesh



"We are focusing on imparting knowledge on emerging technologies to students in school level itself in the State of Madhya Pradesh. Under the leadership of Hon'ble Chief Minister, we are fully committed to the cause of digital governance and Technology Board has been created for the same."



Vote of Thanks: **Aditya Singh, Deputy Secretary, Department of Science & Technology, Government of Madhya Pradesh**

"Madhya Pradesh has always been a pioneering state in government service delivery to the last mile through digital innovation. We thank Hon'ble Minister, Hon'ble Principal Secretary and Hon'ble MD of MPSeDC and all the participants of this event."

Special Presentations
Embracing Emerging Technologies, Ensuring Effective Governance: The Best Practices



• **Sandeep Verma, Additional Chief Secretary, Department of Science and Technology, Government of Rajasthan**

"The public procurement system can be transformed using AI. For instance, let give me an example of GeM. Through application of AI, GeM has improved technical specification/procurement options at product selection stage, Improved competition, and pricing of goods. It also helps in legal & regulatory compliances. But we also need to address the challenges of connectedness, scale & speed of AI solutions for public procurement."

• **Manu Srivastava, Additional Chief Secretary, Department of Technical Education, Skill Development and Employment, Government of Madhya Pradesh**



"There is a huge divide in the way technical education is happening and, in the pace, technology is evolving. There is also a huge disparity between govt engineering collages & private engineering colleges when it comes to placement. In MP, we are trying to change that scenario by starting online certification courses interwoven with curriculum in subsidized cost offered by the govt."

• **Sanjeeb Patjoshi, DGP, Fire and Rescue, Government of Kerala**



"The panchayat governance in India has been transformed using ICT solutions on mission mode project. E Gram Swaraj has been a game changer as a simplified work-based accounting application. Online auditing, Geo tagging, spatial planning in rural areas using ICT is some of the examples."

• **Sumnesh Joshi, Deputy Director General, Ministry of Communication & Technology, Government of India**



"Aadhaar is the biggest example of easing service delivery through digital identity. It has created huge impact in services such as estimated savings of 2.7 lakh crore rupees, reduction in cost of delivery, removal of duplicates, efficient direct benefit transfers."



• **Amit Kumar Sinha, ADG Police, Crime and Criminal Telecom Tracking Network, System (CCTNS), Government of Uttarakhand**

"We should focus on making SoP based policies instead of taking Ad hoc measures when it comes to leveraging emerging technologies. There are also problems of resistance in the implementation level to workforce when it comes to using technology. We should also discuss at length on what kind of data can be put under privacy laws as access to data is important for governance."





Special Session on MP State Electronics Development Corporation, Government Of Madhya Pradesh by: Abhijeet Agrawal, Managing Director, MP State Electronics Development Corporation (MPSEDC)

" We are trying to improve the citizen experience for the citizen service delivery. For that we are leveraging JAM Trinity. There are various challenges of digital governance service delivery such as duplicity, non-portable service delivery, lack of authenticity, lack of tracking. The Madhya Pradesh Government is trying to change that scenario with recent IT & e-Governance initiatives. Single Citizen Database, Mukhya Mantri Ladli Bahena Yojana, Mukhya Mantri Seekho Kamai Yojana, e-Girdawari, MP e Service Potal are examples of such initiatives."

Industry Presentations

Accelerating Digital Transformation :Mayank Chaturvedi, Country Manager – Public Sector, HPE India

"In today's age of digital transformation, public & private sector companies are working as strategic partners which is shaping future for all of us. We are living in the era of digital economy and for that being connected is a necessity. At the same time, we need to focus on churning out meaningful data for decision making. Challenge is to manage four pillars of hybrid world- data centre, edge, collocation and public cloud. We are offering HPE GreenLake to complete customers' hybrid cloud strategy."



Abilash Soundararajan, Founder & CEO, PrivaSapien

"As citizens we need to understand how we can protect our data and organisations also need to understand how to protect customers or citizen's data. Need of the hour is Data Privacy and Data Anonymization. PrivaSapien is trying to ensure safe, secured & trusted AI for data."

Praveen Patil Kulkarni, Country Manager - Security Risk & Governance, OpenText

"OpenText is trying to make smarter information, smarter experience, smarter business network, smarter security and smarter application, smarter digital operation, analytics to help in modernization of customers by using new age innovations for our customers."



Anil Nama, Chief Information Officer, CtrlS Datacenters

"Controls is emerging as the world's fastest growing Rated 4 datacenter operator with a strong footprint in India with a special focus on green sustainability. Apart from making data centers in Mumbai, Chennai, Hyderabad and Kolkata, we are also planning to expand Edge data centers in 20+ tier 2-tier3 cities in coming years. "

Special Presentations

Governance Transformation through New Age Technologies-Challenges & Opportunities & ICT Enabled Infrastructure Revamp



- **Dr. Sanjay Kolte, CEO, Pune Smart City Development Corporation**

"Pune's urban transformation has centered around sustainability and digital innovation has been leveraged for that. Be it waste or water management, mobility, energy management, we have always focused on sustainability and technology. Also, ICCC has helped us in flood simulation and disaster management."



- **Dr. Naresh Babu N, Director, Department of Information Technology, Government of Tripura**

"We are promoting Digital Tripura & IT sector in the state through IT/ITES Policy, Data Center Policy, IT Startup Policy, New Generation Innovation Network Scheme and by setting up 2 IT Parks in the state, which is highest in the entire Northeast. The state government has also launched Beneficiary Management System (BMS) portal in 2020-21 to enable beneficiary management and facilitation of DBT for any beneficiary related welfare scheme."



- **Jitendra Tyagi, MD, Uttarakhand Metro Rail Corporation Limited**

"We are building a new PRT system in Haridwar. Our plan is to move people and not cars. Alternative mode of MRTs like Metroneo, PRT and Cable car are needed for tier 2 and tier 3 cities and also for last mile connectivity in tier-1 cities."



- **Ashwin Kumar Wasnik, Technology Development Board, Government of India**

"TDB is ensuring financial assistance for development & commercialization of technology by startups. Our motto is to encourage new ideas from industries even with the risk of failures. Be it Pharma, Automotive, IT or Defence sector, TDB's success stories are there all over."

Presentation: WEBEL in the Realm of Cyber Security & Emerging Technology: Zeeshan Khan, OSD, Department of Information Technology & Electronics, Government of West Bengal & Kausik Halder, Senior Manager, WEBEL



"The lack of skilled workforce & regulatory framework, speed of innovation & adaptation, data driven decision making, increased AI usage for attack automation & abuse of chatgpt by cyber criminals are the threat landscape of future. To counter these challenges we are focusing on digital empowerment through cyber security by creating awareness, introducing deep skilling for KG to PG, securing govt infrastructure through cyber assurance and by setting up CoE."

Special Session: Blockchain and Emerging Tech Led Governance Transformation in India

- **Ajay Shrivastava, Additional Commissioner, Department of Tribal Affairs, Government of Madhya Pradesh**



"Digital transformation cannot be successful until it reaches the last mile and digital empowerment of tribals is very important. Tribal Affairs Department of Madhya Pradesh is focusing on holistic development of tribals their social, economic & educational betterment. We have taken two dimensional approach for digital awareness of tribals- systematic & personal. The department is following AI based adoptive learning solutions for students & teachers."

- **Suneel Watal, Joint CIO, Department of Information Technology, Government of Haryana**

"e-Governance is not only about speedy delivery of govt services, but also about bringing accountability in the system. In Haryana, we are trying to do that with various in-house



applications. Our Saral or Recruitment Portals are examples of such governance initiatives."



- **Sharat Chandra, Blockchain & Emerging Tech Evangelist**

"The policymaking has to be agile as technology is evolving every day in a rapid pace. Tamil Nadu government is doing that kind of work with its blockchain policy. I think that we have to develop an efficient ecosystem in which govt, academia & industry and startups can all work together."

- **Highlighting APAC Digital Innovation News Network's Efforts for Bringing Communities Together: Souvik Goswami, Co-founder & Group Chief Editor, APAC Digital Innovation News Network**

"APAC Digital Innovation News Network is proud to organize this event in which policymakers, public sector leaders & industry leaders across India have joined to discuss challenges & opportunities of leveraging emerging technology for digital governance transformation."



Opening Session: Digital Transformation Journey of India: State Governance, Healthcare & Cyber Security



Anirudh Saran Singh, Secretary Department of Information Technology, Government of Arunachal Pradesh

"Arunachal Pradesh has observed 2022 as the year of eGovernance. 22 projects were launched which has

transformed government service delivery to the last mile in the state. Arunachal is a big state with thinly population based in difficult terrains and government face challenges of reaching out to them. Relying only on brick & mortar model of governance is not going to work in the state and there comes the role of technology as it has helped us in a huge way to reach out to people with services. The verification and validation of data is a challenge for us and blockchain can help in this."

Satish Kaushal, Strategic Advisor- Government, Deloitte India

"The time has come to catalyze India's future by empowering citizens with digital services. If we go back to early 2000s, we have seen challenges of connectivity, identity, cash-based economy, lack of digital literacy, less use of technology for healthcare sector. All these have changed in last two decades and specially in last 8-10 years in India. The programs and missions like Digital India, Demonetization, Overhaul of Common Service Centers, Ayushman Bharat, etc. have been the game changers and have impacted every sphere of society & citizens. That is the power of technology-based governance."



Kiran Anandampillai, Advisor (Technology), National Health Authority, Government of India

"Getting medical reports digitally is one thing and making it part of your long-term health record is another thing. On the other hand, another

problem is that of streamlined comprehensive medical reports. Ayushman Bharat Digital Mission is trying to bridge that gap. We are requesting institutions to link medical digital reports with ABHA and the format follows a standard format. Change in software simply can ensure this."



Col (Dr.) Indrajeet Singh, Co-founder, Indian Blockchain Forum

"We are under cyber threat every time and we must preempt cyber-attacks rather than doing something as after work. Every 11 seconds there is a ransomware attack. That is the magnitude of cyber-attack and critical infrastructure systems are under continuous attack. We all must keep this in mind while embarking on a digital transformational journey. Securing India's critical infrastructure is a must and need adequate cyber security legislatures. We need to counter offensive AI with defensive AI. We also must mitigate chatGPT based attacks."

Industry Presentation: Prasun Talukdar, National Manager - Business Development; Digital

India & Strategic Projects, Government & Public Sector, OpenText

"AI, Proactive Governance, Privacy and Simplicity...we should focus more on these when we talk about digital transformation. Be it government or private enterprises, almost all of them are becoming software driven organisations and in that, service delivery through digital means become important. The various sectors such as government, financial services, healthcare, energy, manufacturing, life sciences, telecom will open up new opportunities and challenges of digital innovation in coming years. We, OpenText is helping our customers by making their actions smarter through quality application delivery."



Special Presentation on Transforming Governance through Cyber Security & Digital Forensics Armed with Emerging Technologies: Nikhil Mahadeshwar, Founder, CyberSecured India



"India is consuming internet in a huge way and there are trillions of users across the globe. But the question is how many of us using internet securely? The rate of cybercrime has increased with the increased rate of internet use. We need to create an ecosystem where we can also regularly monitor the critical infrastructure installations. We need to embark on a journey of Digitally Secured India through various means such as Digital Personal Data Protection Law, Cyber Security Awareness programs, Adequate Cyber Security Laws and above all netizens also have responsible internet user too."



Special Session: Making Public Finance Operation Simplified through Technology: Arpita Khare, Additional Director, Directorate of Treasuries & Accounts, Department of Finance, Government of Madhya Pradesh

"There are various challenges in public finance such as govt process reengineering, systems being not user friendly, limited integration with stakeholders, physical intervention, non-efficient coding, old technology platforms, etc. We are focusing in a new program which is faceless, contactless and paperless. It will be a complete financial management system which will be online end to end without any physical interventions. We are also leveraging AI-ML used cases for cash flow and revenue forecasting."



Presentation on IT Skilling & Capacity Building for eGovernance: Nikhil Dubey, Assistant, Director, MPSEDC

"The digital ecosystem of Madhya Pradesh is based on CoE & GIS Labs, State Data Center, MP SWAN and capacity building. We have a big focus on in house capacity building and we have Learning Management System in place for that. We also have internship programs for freshers. The challenges of quality output is also being addressed by us."



Session: New Age Governance through New Age Technologies: The Best Practices and Building Sustainable, Resilient and Smart Cities of Tomorrow with Technology & Innovation

Kamal Jain, Chief Information Officer, Department of Farmers Welfare & Agriculture, Development, Government of Madhya Pradesh

"Anytime every time services to farmers are one of our main aims. We can create a digital agriculture infrastructure like UPI by creating value through forward & backward linkages, data base planning & decisions."



Jasminder Pal Singh, Head-SeMT, Department of Information Technology, Government of Punjab

"In the state of Punjab, we are focusing on AI and emerging technologies to transform governance. Be it Agriculture of Healthcare or Education, AI has been leveraged in a big way. At the same time Drones are used for survey & surveillance. 'Punjab Breast Cancer AI- Digital Project' is one the best examples of AI for Healthcare. The Department of Governance Reforms & Public Grievances has also established Center for Emerging Technologies."

Neelesh Kumar Soni, Head-SeMT, Chhattisgarh Infotech Promotion Society, Government of Chhattisgarh

"In Chhattisgarh, we are going to launch Integrated Proactive e-Governance (IPEG) Project soon. It is a World Bank assisted project focusing on Paperless, Presence less, Cashless, Consent based, Proactive program to counter the challenges of availing services/benefits by government to citizens. The IPEG solution involves 6 different types of technology components such as Toolkit, Platform Services, Data Sources, User Access, Internal Systems, Hosting Infrastructure."



Sandeep A. Malvi, Addl. Commissioner, Thane Municipal Corporation & CEO, Thane Smart City

"Thane is focusing on building tomorrow's city through smart, resilient, and sustainable ways. Be it Thane's electric buses for sustainable transportation, or integrated flood sensors and air pollution sensors for resilience or 'Thane Nirbhaya' project using AI for women safety, we are leveraging technology to make city futuristic."

Ujjawal Porwal, Joint Collector & Chief Operating Officer (COO), Raipur Smart City Ltd., Raipur, Chhattisgarh

"Raipur Smart City is based on 4 'C' Framework- Clean, Credible, Connected & Cohesive. Sustainability is at the core of our development. Pond & lake rejuvenation, building STPs are part of that vision. With Integrated Command Control Centre (ICCC), we are also focusing on sustainable technology-based transport system."



Valedictory Session:



Closing Remarks: **K L Meena, Project Director, Madhya Pradesh State Electronics Development Corporation (MPSeDC)**

"We thank all the participants of this event. MPSeDC will go through various presentations made in this event and will brainstorm on the best practices of digital transformation being done in other states or by industry to implement some of them in MP to improve citizen centric services in the state."

Guest of Honour Address: **Shaitan Singh Pal, Chairman & Director, Madhya Pradesh State Electronics Development Corporation (MPSeDC)**

"Our government is fully committed to the cause of transforming citizen's lives by leveraging Information Technology. Under the guidance of Hon'ble Chief Minister and IT Minister of the state, we are opening new avenues of governance transformation with programs like Mukhya Mantri Ladli Bahena Yojana, Mukhya Mantri Seekho Kamai Yojana."



Glimpses

