RPA at the Forefront:
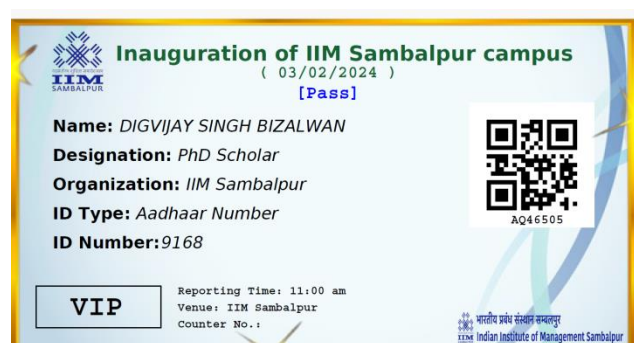## Streamlining Prime Minister's Visit with Cutting-Edge Automation

On 3rd February 2024, Hon'ble Prime Minister, inaugurating the IIM, Sambalpur Campus, dedicated to the nation and laid the foundation stone for projects worth more than Rs.68,000 crore in Sambalpur, Odisha aimed at boosting the energy sector involving natural gas, coal and power generation apart from important projects of road, railway and higher education sector.

Upon the request from the Director of IIM, Sambalpur, NIC Odisha ingeniously developed a mechanism for the registration of delegates, ensuring a smooth approval process by the competent authority, and the generation of QR-coded Invitation Cards tailored to different categories, alongside meticulously assigned entry counters for each delegate based on a queue management algorithm. This was accomplished overnight, showcasing the agility and efficiency of software bots, particularly the deployment of TagUI, a popular Robotic Process Automation (RPA) tool.

These bots rapidly automated segregation of around 3000 delegates into various categories, the balanced assignment of counters as per a queue management strategy, the creation of QR-coded invitation e-passes, and the subsequent distribution of emails to the concerned delegates.

Inauguration of IIM Sambalpur campus
(03/02/2024)
[Pass]

Name: DIGVIJAY SINGH BIZALWAN
Designation: PhD Scholar
Organization: IIM Sambalpur
ID Type: Aadhaar Number
ID Number: 9168

AQ46505

VIP

Reporting Time: 11:00 am
Venue: IIM Sambalpur
Counter No.:

Indian Institute of Management Sambalpur

Complementing this, another team at NIC developed a Progressive Web App (PWA) that was offline-friendly, specifically designed to scan the QR codes on the Visitor e-Passes and verify them. This app was particularly tailored to operate efficiently in areas of high network congestion, a common scenario given the massive gatherings at such high-profile events.

The function was graced by Hon'ble Governor of Odisha Shri Raghubar Das, Hon'ble Chief Minister of Odisha Shri Naveen Patnaik, Hon'ble Union Minister of Railways, Communications, Electronics and Information Technology Shri Ashwini Vaishnaw, Hon'ble Union Minister of Education, Skill Development and Entrepreneurship Shri Dharmendra Pradhan and Hon'ble Union Minister of State for Tribal Affairs and Jal Shakti Shri Bishweswar Tudu.

Videoconferencing division of NIC provided round the clock support for testing the links at two outdoor locations at IIM Sambalpur and Sonepur Railway Station and virtual flagging off Puri – Sambalpur - Puri weekly express train. NIC, Hqrs provided webcasting service for the event.

Shri R P Dash, Sr. Director (IT) & DIO along with his team provided technical support round the clock for setting up PMO camp office at both the places.