



**IRCON INTERNATIONAL LIMITED**

(A Government of India Undertaking)

# LEVERAGING TECHNOLOGY AT IRCON



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पारदर्शिता, जवाबदेही एवं नई तकनीक के साथ प्रगति की ओर

# IRCON INTERNATIONAL LIMITED

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सत्यमेव जयते

## केन्द्रीय सतर्कता आयोग CENTRAL VIGILANCE COMMISSION



सतर्कता भवन, जी.पी.ओ. कॉम्प्लेक्स,  
ब्लॉक-ए, आई.एन.ए., नई दिल्ली-110023  
Satarkta Bhawan, G.P.O. Complex,  
Block A, INA, New Delhi-110023

सं./No.....019/VGL/029.....

दिनांक / Dated...08.10.2020.....

### MESSAGE

#### Vigilance Awareness Week (27<sup>th</sup> October to 2<sup>nd</sup> November 2020)

The Commission observes the Vigilance Awareness Week to emphasize the importance of integrity in public life. We are fully committed to implement the policy of "Zero Tolerance against Corruption".

"सतर्क भारत, समृद्ध भारत - Satark Bharat, Samridhh Bharat (Vigilant India, Prosperous India)" has been chosen as the theme this year. Development and progress of the nation takes place when individuals and organisations are vigilant in safeguarding integrity as a core value.

The Commission believes that citizens and organisations must look inwards at a time when the world is facing an unprecedented crisis. All organisations may focus on improvement of internal processes and activities during this year. Systemic improvements may be carried out to improve the delivery of public services in all organisations. Training and capacity building of staff is an important component supporting this objective. We have been encouraging organisations to implement these initiatives.

The Commission appeals to all citizens to actively work towards promotion of integrity in all aspects of life for the progress of the country.

(Sharad Kumar)  
Vigilance Commissioner

(Suresh N. Patel)  
Vigilance Commissioner

(Sanjay Kothari)  
Central Vigilance Commissioner

# IRCON INTERNATIONAL LIMITED



CHIEF VIGILANCE OFFICER, IRCON

## MESSAGE

### **Vigilance Awareness Week ( 27th October to 2nd November 2020)**

**IRCON** is a leading construction company having National and International presence. It is known for its excellent work culture and high professional ethics.

There has been a constant endeavour to enhance transparency and probity to promote excellence and integrity in the organization.

Like every year, this year, “**Vigilance Awareness Week**” is being observed with the theme (“सतर्क भारत, समृद्ध भारत – **Satark Bharat, Samriddh Bharat (Vigilant India, Prosperous India)**”).

On this occasion, we at **IRCON** should focus on improving internal processes and pledge to work with total honesty and integrity to fight corruption and combat future challenges to help the company in achieving new heights of success.

**(Mamta Sanjeev Dubey)**  
**Chief Vigilance Officer**



# TECHNOLOGY AT WORK

## IT INITIATIVES

- E-OFFICE (EFILE) SOLUTION
- BILL WATCH SYSTEM.
- DIGITIZATION OF VISITORS PASS.
- VIRTUAL MEETINGS.
- EMPLOYEE SELF SERVICE
- AI BASED FACIAL RECOGNITION FOR CONTACTLESS ATTENDANCE
- FULLY AUTOMATED, END-TO-END ELECTRONIC TOLLING SOLUTION

## BILL WATCH SYSTEM

IRCON, as a responsible Corporate Body, has been making efforts to ensure that payment of dues/bills to the vendors is expedited. A real-time Bill Watch System is implemented for identification of Bills of vendors, tracking payment status, which is helpful for payment of Bills within the stipulated time.

**Invoice Details**

1. "Save / Submit" करने से पूर्व सुनिश्चित करें आपका "Employee Code" तथा विभाग का नाम सही दिखाई दे रहा है।
2. एक बार में केवल एक बिल "-Invoice" का खरोटा भरें।
3. बिल "-Invoice" संख्या भरते वकत ध्यान रखें कि आप ' and अथवा ' अथवा @ जैसे special characters का प्रयोग नहीं कर रहे हैं।
4. बिल कि तिथि व बिल प्राप्ति की तिथि भरने के स्थान पर दिए गए कलेंडर से "select" करें।

**Payment Details**

Unique Doc ID	Invoice No.	Invoice Date	Vendor Code	Update Status
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## A STEP TOWARDS PAPERLESS OFFICE

IRCON envisions a paperless office, with increased transparency, efficiency and accountability.

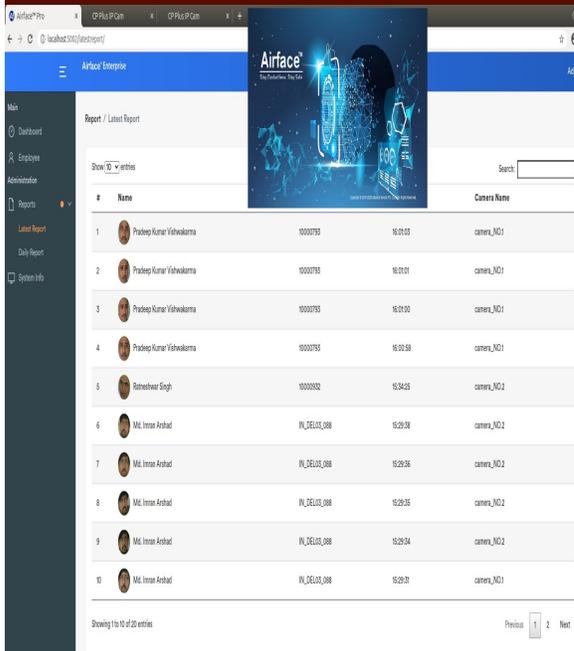
eOffice (eFile) Solution has been implemented across the Organization w.e.f. 03.01.2020. It is a workflow based system that includes more efficient electronic movement of files in addition to feature of manual handling of files. This system involves various stages of working in a file, including the diarisation of inward receipts, creation of files, movement of receipts and files and finally, the archival of records. With this system, the movement of receipts and files has becomes seamless and there is more transparency in the system since each and every action taken on a file is recorded electronically. This simplifies decision making, with required information available at one place.

## VISITOR MANAGEMENT SYSTEM

Iron is using electronic Visitor Register Facility that has replaced the manual process of filling up of visitor register. Printed passes are used instead of manual pass, which can be easily carried by the visitor. The solution is used to keep track of the people visiting IRCON Corporate Office. This ensures that the premises is safe from unwanted and fraudulent people.

PASS No.: VI1712190005		VISITOR		CARD NO.# 67-3	
	NAME OF VISITOR	DHEERAJ			
	ORGANIZATION	GEO DATA			
	CONTACT NO	9818302202			
	OFFICIAL TO MEET	RAM KUMAR GOYAL			
	DEPARTMENT	CORP-Accounts			
	ISSUE DATE & TIME	Dec. 17, 2019	10:52		
	ID PROOF	Voter ID Card			
	CO-VISITOR	NIL			
	PURPOSE	Official	VEHICLE: NIL		
	VALIDITY	From :17/12/2019 Upto 17/12/2019			
Visitor's Signature		Employee's Signature		Security Officer	

Dear visitor, you are required to follow the security instructions as applicable. The management does not hold any responsibility for any accidents, loss or damage to the visitor or his person for any reason whatsoever while inside the works.



#	Name	ID	Time	Camera Name
1	Pradeep Kumar Vihavakarna	10000793	16:01:03	camera_NC1
2	Pradeep Kumar Vihavakarna	10000793	16:01:01	camera_NC1
3	Pradeep Kumar Vihavakarna	10000793	16:01:00	camera_NC1
4	Pradeep Kumar Vihavakarna	10000793	16:00:59	camera_NC1
5	Rameshwar Singh	10000092	15:54:25	camera_NC2
6	Md. Imran-Anshad	IV_02EL03_088	15:29:38	camera_NC2
7	Md. Imran-Anshad	IV_02EL03_088	15:29:36	camera_NC2
8	Md. Imran-Anshad	IV_02EL03_088	15:29:35	camera_NC2
9	Md. Imran-Anshad	IV_02EL03_088	15:29:34	camera_NC2
10	Md. Imran-Anshad	IV_02EL03_088	15:29:31	camera_NC1

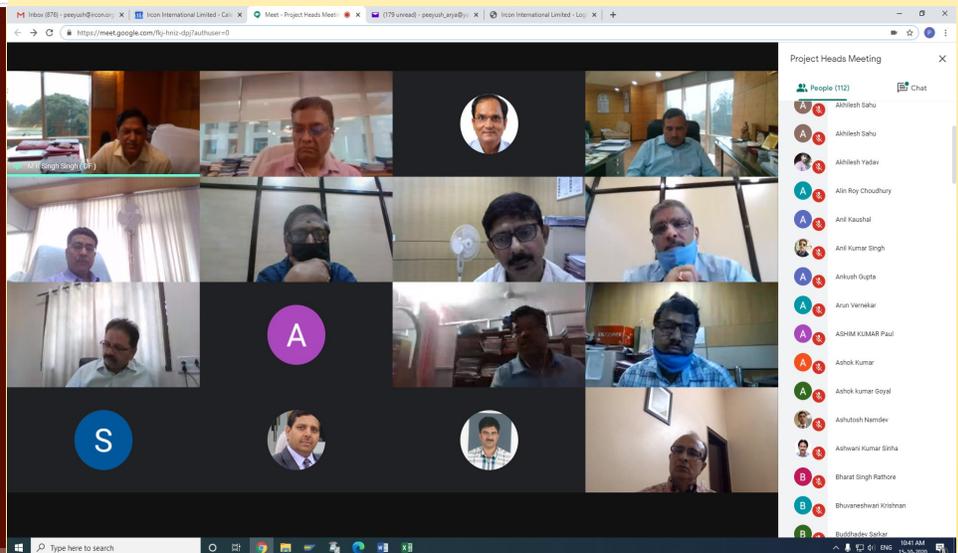
## CONTACTLESS ATTENDANCE SYSTEM

IRCON has started contactless attendance system (as a proof of Concept) in which the face of the employee is scanned to mark their attendance. By using such a contactless face recognition system, the admins can conduct facial scans and monitor the in and out time of employees and visitors.

This AI face recognition system automatically updates check-in and check-out time of the employees on the basis of their facial image. This information can be accessed by the admins through the dashboard. With this contactless attendance system working on AI face recognition, employers can monitor the productivity of their employees based on the number of hours spent in the office.

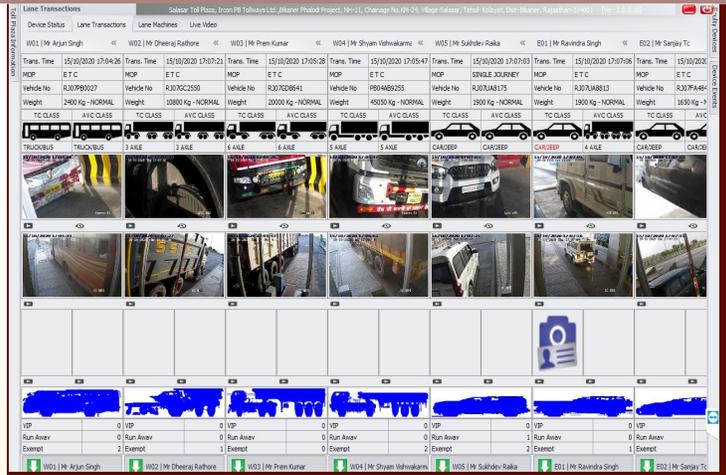
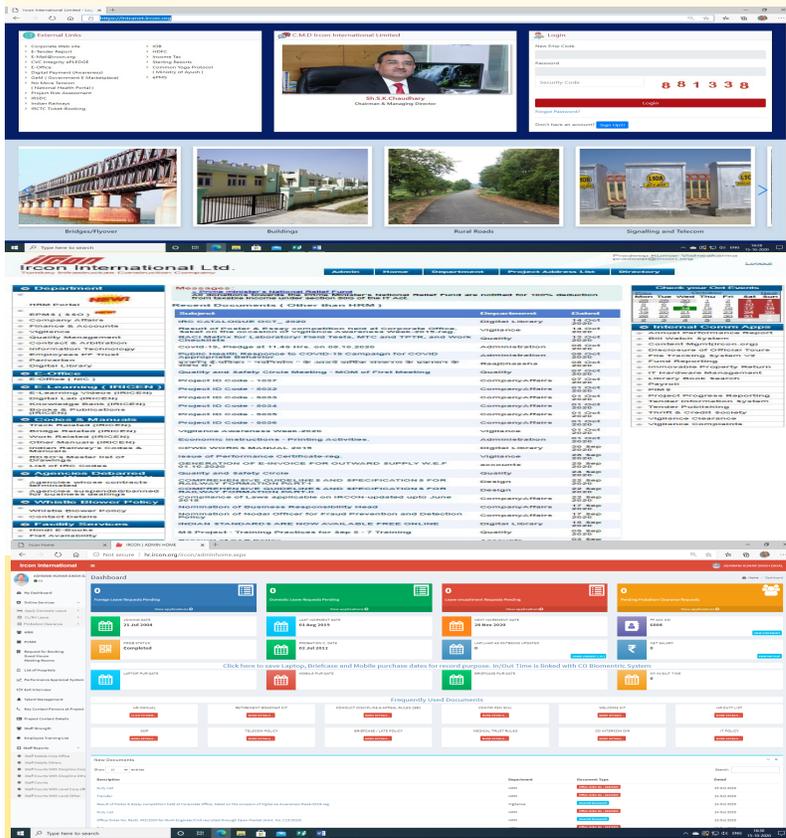
## VIRTUAL MEETINGS

Iron is using Google Meet as a virtual meeting Platform. Virtual meetings are now integrated into organization workflows and now have a permanent place among employee productivity tools. Through screen sharing, multimedia sharing, and recording of conference content, virtual meetings participant are delivering unprecedented levels of insight.



## EMPLOYEE SELF SERVICE WEB SOLUTION

Employee self-service web solution, a solution for more employee empowerment, is used by all employees of Ircon for access to office orders, circulars, payrolls, online leave application, vigilance complaints, vigilance clearance, performance appraisals, and benefits information. Employees can access the web solutions from anywhere and at any time.



## FULLY AUTOMATED, END-TO-END ELECTRONIC TOLLING SOLUTION

Electronic Tolling Solution is implemented at Toll Plazas to provide a fully automated, end-to-end transportation solution that significantly improves revenue collection and efficiency. It manages the electronic charging of tolls based on tags (electronic tolls), ranging from the free passage of vehicles through the infrastructure to the management of customer accounts (post-payment, pre-payment, fleets and infrequent users) as well as the management of possible violator.

Leveraging Technology