

# CREATIVE ROBOTICS PVT LTD

**Plot No.-A1/160 & 171, Swadeshi Compound,  
Sector-17 Industrial Area, Kavi Nagar,  
Ghaziabad - 201002, UP.**

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**An ISO9001:2015 & ISO14001:2015 Certified Company.  
Mfr./Experts Of LT Panels, APFC Panels, Harmonics Filter Panels,  
VFD Panels, PLC /DCS System, SCADA Systems & Instrumentations etc.**



Channel Partner of

**Honeywell**

## **ABOUT US**

**Creative Robotics was incorporated in Year 2007**, is an ISO 9001:2015 & ISO14001 certified **E & I Company (Electrical, Automation & Instrumentations)** based in Ghaziabad, UP. Creative Robotics is managed by Graduate Engineer having Industrial Automation Experience of more than 25 Years.

We are well known for our competence and skills for all Electrical, Control & Instrumentations & Industrial Automation Products like PLC, DCS, CNC, Robots, Motion Controllers, Servo Drives & Servo Motors, Steppers, VFD, SCADA, Telemetry SCADA, Remote Monitoring Products, Retrofitting, Controls & Instrumentations, Turnkey Projects, **Power Plant Projects, Water Projects (Sewage Treatment Plant/Water Treatment Plant/Water Distribution)**, Green field Project Management, Relocation of highly Automated Plant/Process equipments.

We provide complete solution from **Conceptualization to Commissioning** which includes Conceptualization, Sales, Detail Engineering, Design, System Integration, Installation, and Testing & Commissioning to various Industries for their Shop Floor to Enterprise Level.

## **ABOUT US**

**We are Authorized System Integrator of Honeywell & Various OEMs for Project to Project basis.**

We have executed various Projects including LT Panels, APFC, VFD Panels, Harmonic Filters, PLC/DCS/SCADA System, C & I designing, Installation & Commissioning in various locations across the Globe.

## **What We Supply**

- 1. Complete PLC/DCS System for Green & Brown Field Projects/R & M Projects**
- 2. Turnkey Projects for Electrical as MCC, PCC, Controls & Instrumentations**
- 3. SCADA System**
4. PLC /DCS/CNC / VFD & other Control Panels (Our Workshop is approved by reputed Indian PSU)
5. PLCs (Micro to Redundant) & DCS/DDCMIS
6. Field Instrumentations
7. Special Purpose Machines
8. Robots
9. Motion Controllers
10. Andon Systems
11. Remote Monitoring Systems/Products

## What We Do (Services)

1. Complete Engineering/Documentations for Projects of Electrical & Control System.
2. Design, Manufacturing, Supply, Installation, Testing , Commissioning of Complete Electrical Panels, PLC/DCS Systems including SCADA, Controls & Instrumentation.
3. Design, Manufacturing, Supply, Installation & Commissioning of SPMs, Jigs & Fixtures & Robotics Applications for Pick & Place, Palletizing, Welding etc.
4. Engineering/Documentations for Projects of Electrical/Control System.
5. PLC/DCS Programming
6. SCADA/HMI Programming
7. Robots & Motion Controllers Programming.
8. Selection of Field Instrumentations
9. Reconditioning & Retrofitting of Machines with Relay, PLC, CNC, Drives.
10. R & M of Control Systems.

## CRPL DETAILS

Year of Startup	: 2007
Factory Area	: 6200 Sqft
About Factory	: Located in Industrial Area, Kavi Nagar, Ghaziabad, Self Owned Factory.
Type of establishment	: Pvt. Ltd Co.
GST Registration	: Available
Import Export Code	: Available
PF Registration	: Available
ESI Registration	: Available
SSI Registration	: Available
<b>Electrical License</b>	<b>: Available – “A Class Contractor)</b>
UP Jal Nigam Registration	: “A Class for PLC/SCADA/Automation”
BHEL Registration	: “PLC/SCADA/Automation”
NTPC Registration	: “PLC/SCADA/Automation”

# Some Recent Projects Executed by CRPL



## **NTPC Ltd, Unchahar R & M Project**

Designed, Manufactured, Supplied & Commissioned - MCC Panel for CHP in NTPC Ltd, Unchahar in Year 2015.



## Thru EPC for India GCI, Chennai Project

Designed, Manufactured, Supplied & Commissioned - LT Panels for Brown Field Project in Year 2018.



## Thru EPC for ETP of HSIDC

Designed, Manufactured, Supplied & Commissioned - LT Panels, APFC & PLC Panels for ETP of HSIDC in Year 2018.



## Thru EPC for UGR & BPS, DJB

Designed, Manufactured, Supplied & Commissioned - LT Panels, VFD Panels, APFC & PLC Panels for DJB in Year 2020. Project Amount -132 Lacs.





Various Projects Executed with NTPC Limited.

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## **NTPC PROJECTS AWARDED TO CRPL**

<b>S.N.</b>	<b>PACKAGE</b>	<b>NTPC SITE</b>	<b>STATUS</b>
<b>1</b>	R & M Package of PLC & SCADA System along with Field Instrumentation for AHP System	NTPC, Rihand Nagar	Completed in 2015
<b>2</b>	R & M Package of PLC & SCADA System for Stacker Relclaimer	NTPC, Rihand Nagar	Completed in 2015
<b>3</b>	R & M Package of PLC & SCADA System for Stacker Relclaimer	NTPC, Shakti Nagar	Completed in 2016
<b>4</b>	R & M Package of PLC & SCADA System for Stacker Relclaimer & Wagon Tipplers from	NTPC, Unchahar	Completed in 2016
<b>5</b>	CNC Retrofitting of Universal Grinding Machine	NTPC, Rihand Nagar	Completed in 2012

Several more...Brief of above Projects follows.....

# 1. CNC RETROFITTING OF UNIVERSAL GRINDER BUC-63B FOR NTPC-RIHAND NAGAR.

PO No – 4000079495-058-1005 Dated 31.12.2011

PO Amount – Rs 43 Lacs

Project Completion date- 31.12.2012

Actual Completion date- 10.08.2012

**Project Brief** – TOS Make Universal Grinding Machine – 5 Meter Bed was approx. 40 Years Old Machine, Machine was retrofitted with Fanuc Oi-TD CNC System, Hydraulic Cylinder replaced by Ball Screw and Servo Motor.

**Grinding accuracy delivered – 2 Microns**

## 2. R & M of Ash Slurry Pump House Control System with PLC for Stage-I (2x500MW) FOR NTPC-RIHAND NAGAR.

PO No – 5500014417-056-1005 Dated 23.10.2013

PO Amount – Rs 72 Lacs

Project Completion date- 10.11.2015

Actual Completion date- 06.08.2015

**Project Brief** – Complete ADPH System was based on Relay logic, same was converted in Honeywell Make Redundant PLC along with 05 Nos SCADA System and Pressure & Vacuum Transmitters.

Project was executed on turnkey basis.



## Other Projects of NTPC

- Design, Manufacturing, Supply, Installation, Commissioning & Testing of PLC for **Stacker Reclaimer-1** against PO No- 5500013426-047-1005 dated 03.06.2013 of Amount – **Rs 21.98 Lacs for NTPC Limited – Rihand Nagar.**

- R & M of Control System of CHP Stage-I **Stacker Reclaimer & Wagon Tipler** against PO No- 5500015035-047-1006 dated 03.04.2014 of Amount – **Rs 41 Lacs for NTPC Limited – Unchahar.**

-Design, Manufacturing, Supply, Erection, Commissioning of PLC System & associated job for **Stacker Reclaimer-3** against PO No- 5500015627-047-1004 dated 15.03.2014 of Amount – **Rs 23.20 Lacs for NTPC Limited – Shakti Nagar.**

## NTPC Projects executed thru Various EPC Companies – ENGINEERING/APPROVALS FROM NTPC NOIDA

S.N.	PROJECT	NTPC SITE	EPC	STATUS
1	PLC & SCADA System for Fire Detection & Protection System	NTPC, Lara	Indure	Completed in 2018
2	PLC & SCADA System for Fire Detection & Protection System	NTPC, Muzaffarpur / Kanti Bijlee	Thermosystem	Commissioned
3	PLC & SCADA System for Fire Detection & Protection System	NTPC, Gadarwara	Lloyd Insulations	Completed in 2018
4	PLC & SCADA System for Fire Detection & Protection System	NTPC, Nabi Nagar	Lloyd Insulations	Commissioned
5	PLC System for Fire Detection & Protection System	NTPC, Simhadri	Thermosystem	Commissioned

Continued.....

## Power Projects Executed thru Various EPC Companies

S.N.	PROJECT	End Customer	EPC	STATUS
1	PLC & SCADA System for AHP System	NLC Ltd	Macawber Beekay/ESSAR	Commissioned
2	PLC & SCADA System for AHP System	APGENCO	Macawber Beekay	Commissioned
3	PLC & SCADA System for AHP System	Nagai Thermal	Macawber Beekay	Commissioned
4	PLC & SCADA System for CHP System	Nagai Thermal	Macawber Beekay	Commissioned
5	PLC & SCADA System for Condensate Polishing Unit	Wanakbori TPS, Gujarat Electricity Corporation	Driplex Water/BHEL	Commissioned
6	PLC & SCADA System for Interlock & Protection System in Unit-IV, PTPS	UPRVUNL, PTPS	Directly Awarded to us	Completed in 2015.
7	PLC & SCADA System for Interlock & Protection System in Unit-III, PTPS	UPRVUNL, PTPS		After FAT, System dispatched to Site

# Water Projects - Executed

S.N.	PROJECT	End Customer	EPC	STATUS
1	PLC & SCADA System for 3 MLD <b>Sewage Treatment Plant</b>	Uttrakhand Peyjal Nigam	Thru EPC	Completed in 2010.
2	PLC & SCADA System for 27 MLD <b>Sewage Treatment Plant</b>	Chhatisgarh PHED	Thru EPC	Completed in 2012.
3	PLC & SCADA System for <b>Tubewell Automation</b>	MES, Bareilly	Direct	Completed in 2011.
4	PLC & SCADA System for <b>Tubewell Automation</b>	Nagar Nigam, Muradabad	Direct	Completed in 2013.
5	PLC & SCADA System for <b>Tubewell Automation</b>	UP Jal Nigam, Lucknow	Direct	Completed in 2021.
6	Electrical – LT Panel, APFC, VFD panels, PLC & SCADA System for <b>Booster Pumping Station</b>	Delhi Jal Board, Sonia Vihar	Thru EPC	Completed in 2021.
7	PLC & SCADA System for <b>Tubewell Automation</b>	U.P. Jal Nigam, Lucknow	Direct	Completed in 2021.

## **PROJECTS IN PROCESS MANUFACTURING WITH EPCs**

With a Japanese EPC based in New Delhi, We have executed following projects with them.

<b>S.N.</b>	<b>End Customer</b>	<b>Project Execution Year</b>	<b>Project Amount (INR)</b>
1	Toyo Ink India Pvt Ltd, Greater Noida	2007	29 Lacs
2	Mytex Polymer, Neemrana	2009	54 Lacs
3	Yokohama India, Bahadurgarh	2013	45 Lacs
4	Unicharma India, Chitoor, AP,	2014	25 Lacs
5	Unicharma India, Chitoor, AP,	2014	15 Lacs
6	Toyo Ink India Pvt Ltd, Greater Noida	2011	50 Lacs
7	Toyo Ink India Pvt Ltd, Greater Noida	2014	163 Lacs

## **AUTOMATION PROJECTS IN MANUFACTURING PLANTS**

- Robotic Application for Neelmetal, Gurgaon for Press Loading/Unloading Application.
- Robotic Application for CD Loading/Unloading for Moser Baer, Greater Noide.
- Special Purpose Machine for Gear Assembly to Hero Motor, Ghaziabad.
- Special Purpose Machine to BWI Automotive, Dharu Hera.
- SCADA Implementation to Minda Plant Machineries.
- CNC Retrofitting of Turn Mill Centre in Bharat Dynamics Ltd, Bhanur.
- CNC Retrofitting of VTL in CHW Forge Ghaziabad.
- PLC Retrofitting Various Types of Machines.
- Control System Retrofitting of Various Types of Machines.

## **AUTOMATION PROJECTS IN MANUFACTURING PLANTS**

- Retrofitting of several CNC Machines.
- Tubewell Automation using PLC, GPRS Modem & SCADA
- SCADA System for various Industries.
- Control System including PLC, HMI, Servo Package for SPMs with Machine Manufacturing Companies.

## **INTERNATIONAL PROJECTS**

- Installation, Commissioning & Testing of Highly Automated PDP / LCD Manufacturing Line in Anagni, Italy in 2006.
- Dismantling & Technology Transfer of Highly Automated PDP / LCD Manufacturing Line from Taiwan to Anagni, Italy in 2006.
- Dismantling & Technology Transfer of Highly Automated LCD R & D Line from Japan to India in 2010.



## **INDUSTRY SERVED**

- **POWER**
- **WATER**
- **INK PROCESS**
- **TEXTILE**
- **AUTOMOTIVE**
- **GLASS**
- **CRT/LCD/CD/SOLAR MANUFACTURING**
- **CONSUMER ELECTRONIC INDUSTRY**
- **MACHINE TOOLS**
- **FOOD & BEVERAGES**
- **CABLE/CONDUCTOR MANUFACTURING**
- **RUBBER/PLASTIC INDUSTRY**
- **ELECTRICAL & ELECTRONIC INDUSTRIES**

For Any Industrial Problem, please  
contact us. We assure you for Best  
Solution.

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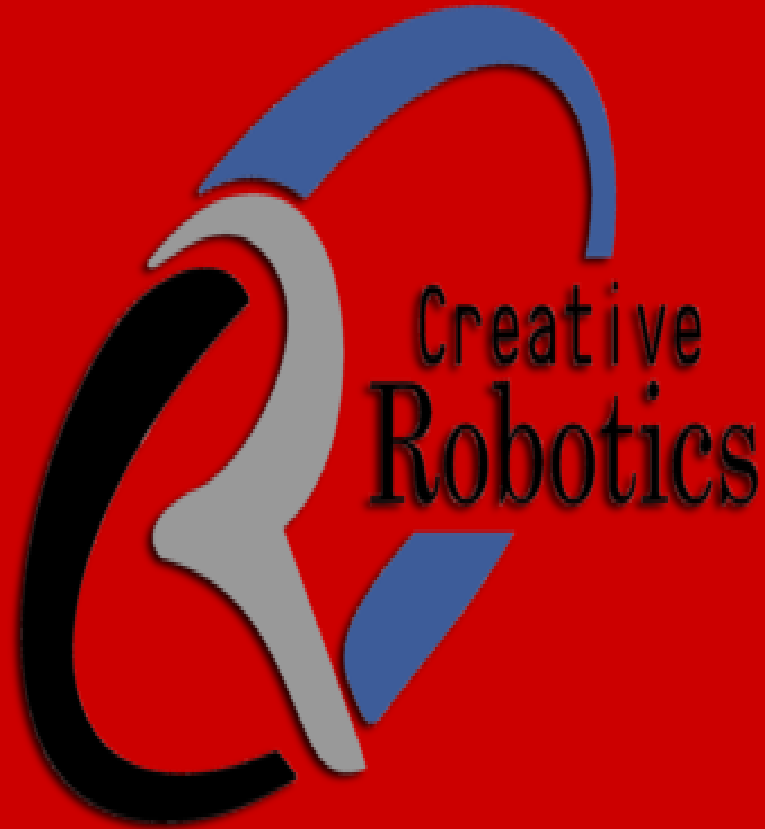


*Thank You*



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# TESTIMONIALS

(Will be provided on Request)