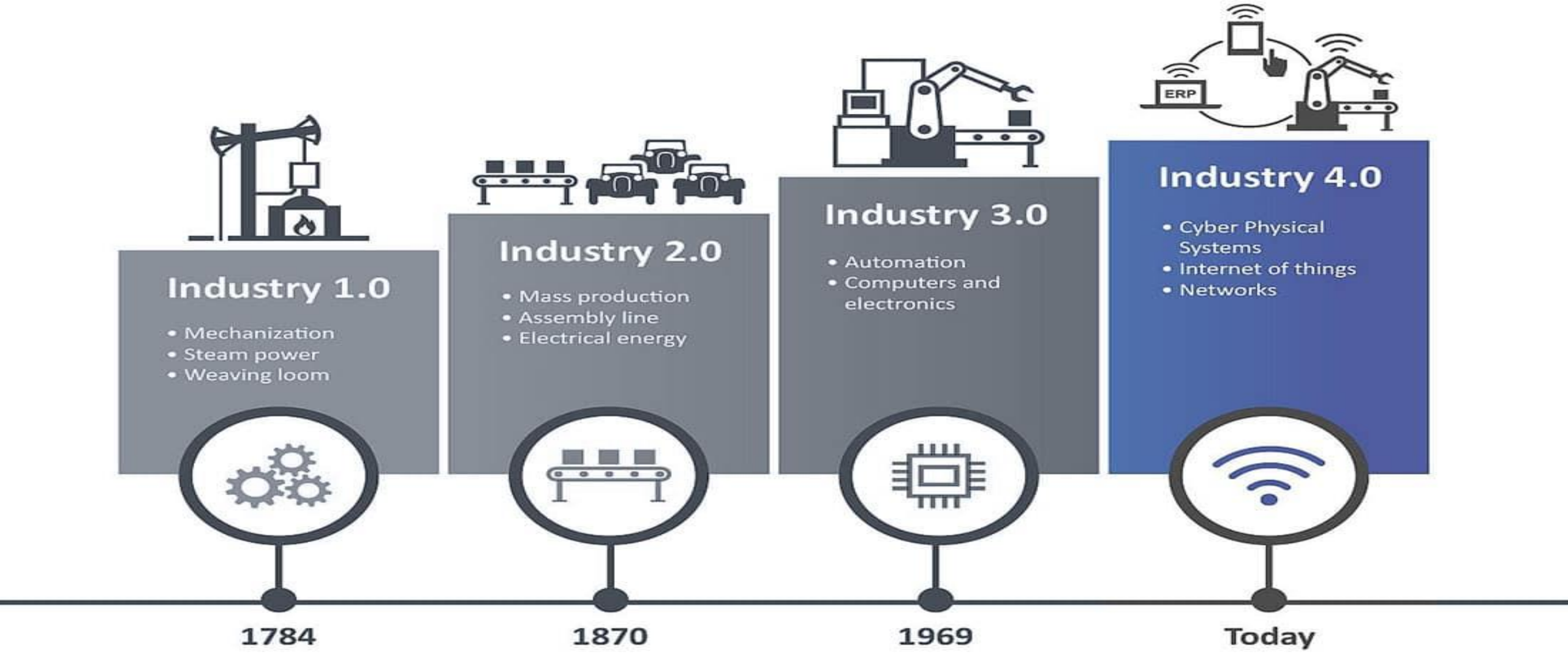
HI-MAK™
Pvt. Ltd.

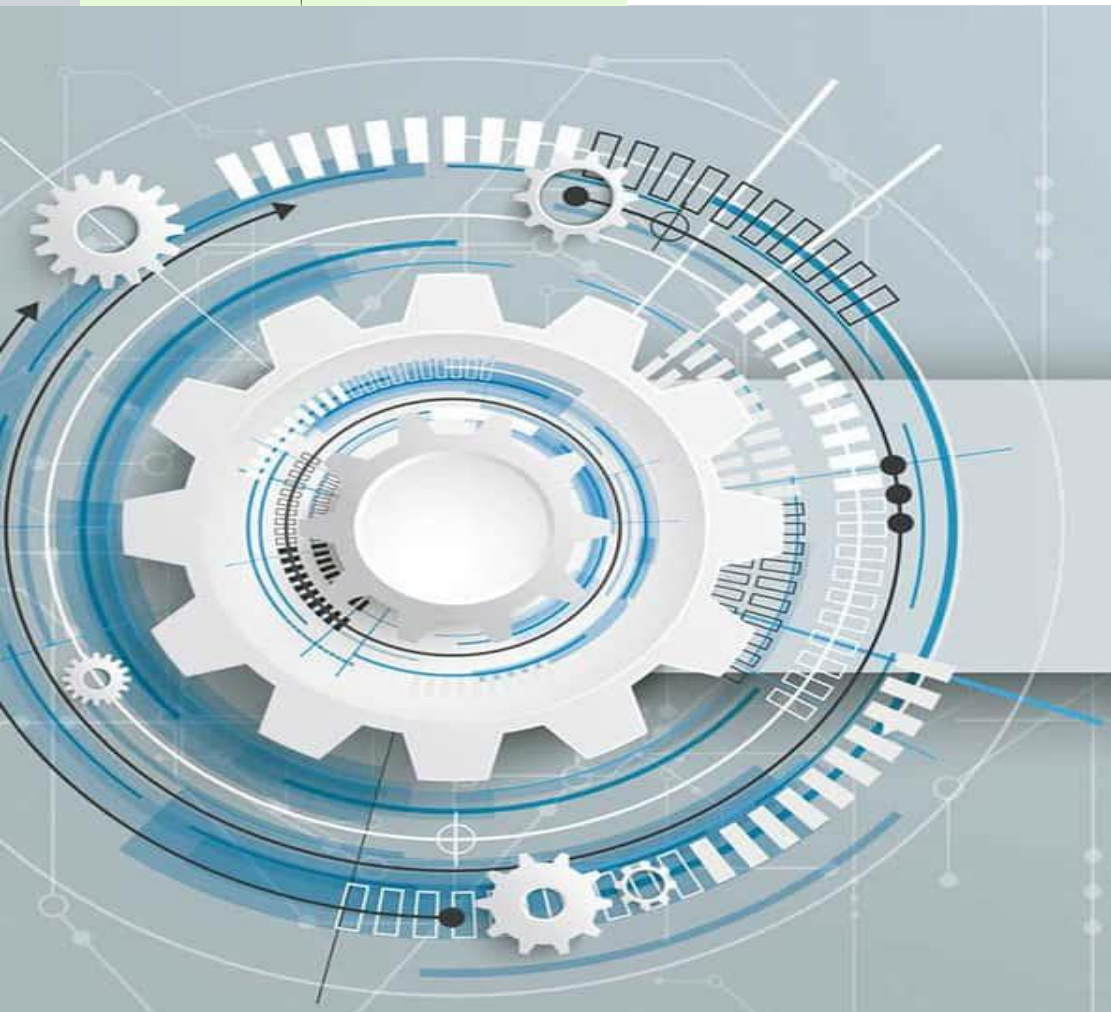
Challenges & Opportunities for MSMEs – Industry 4.0

What is Industry 4.0

History of Industry Revolution



Industry 4.0 for MSME



Industry 4.0

IIOT DEMO AND FEATURE

MSME for INDUSTRY – 40 % stack

CHALLENGES

- ✓ Inadequate access to technology
- ✓ Technical and business skills
- ✓ Markets and finance

Challenges for MSME

✓ Inadequate access to technology

- Real time monitoring system
- Energy Management
- MIS/ERP System
- Decision making tools

Challenges for MSME

- ✓ Technical and business skills

  - Communication Tools
  - Organization
  - Leadership
  - Time Management
  - Use of Technology

Challenges for MSME

- ✓ Markets and finance

  - Labor cost of skilled workforce
  - Access To Credit and Risk Management
  - Decrement in Profitability
  - Digital India as increase competitiveness

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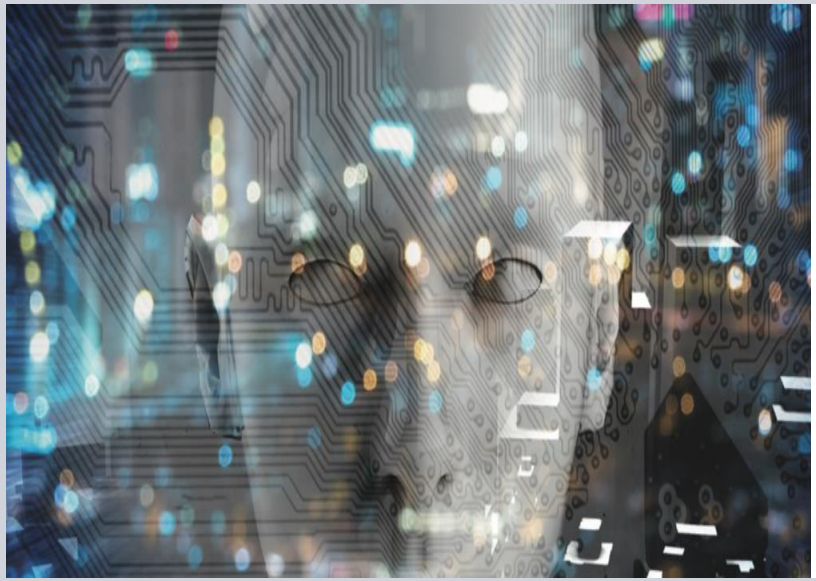
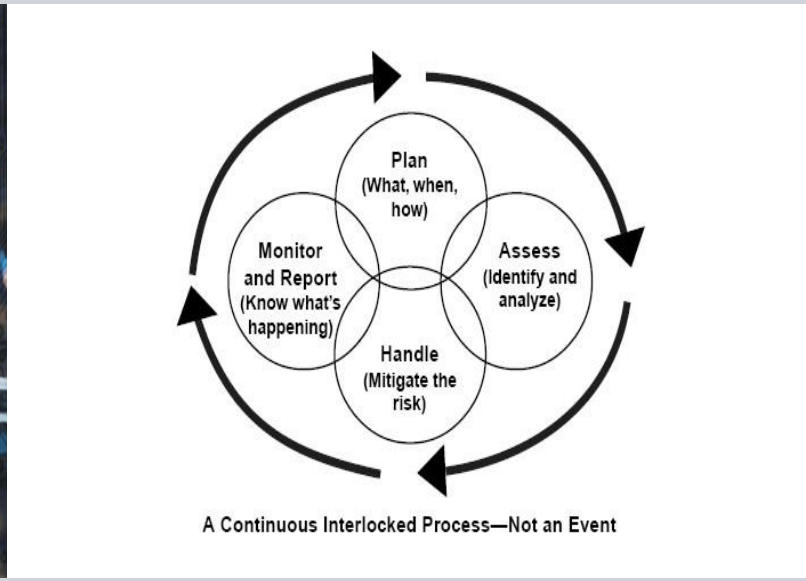
Opportunities for MSME

- ✓ New Technology for Mitigation measure for associated Risk
- ✓ Network of Industry, University, Government for Industry-led research.
- ✓ Training to adopt technology in challenging environment
- ✓ Entrepreneurship development in the form of policy interventions

Opportunities for MSME

✓ New Technology for Mitigation measure for associated Risk





- Artificial Intelligence
- Process and Operation Risk
- Cyber Security

Opportunities for MSME

✓ Network of Industry, University, Government for Industry-led research.

- University for Industry
- Digital Platform for MSME exporters
- CII Initiatives

Opportunities for MSME

- ✓ Training to adopt technology in challenging environment

- Automation Technology

- IOT Hardware and Software Training

- Modern Learner

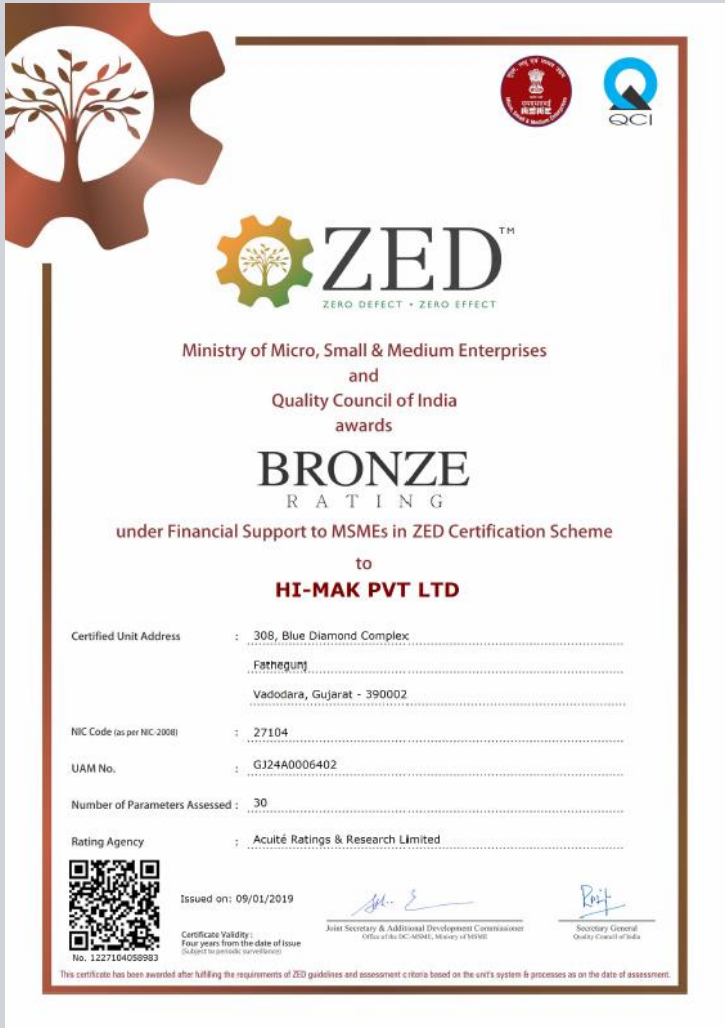
Opportunities for MSME

- ✓ Entrepreneurship development in the form of policy interventions.

Benefits for ZED Rated MSMEs

- 0.5% Interest Rate concession on Loans
- 50% concession in Processing Fee
- Rs. 25 Lakh for adopting technology
- Rs. 25 Lakh for setting up of new ETP
- Rs. 10 Lakh for domestic patent and Rs. 20 Lakh for international patent registration
- Rs. 5 Lakh for purchase of Testing equipment
- Rs. 10 Lakh for ZED certification and handholding
- Extra 80%, 60% and 50% subsidy on Cost of ZED certification in addition to the subsidy provided by the Government of India

These are specific incentives by Government of India, State Governments, Banks, etc. To know more click on “Benefits to MSMEs”



ZED™
ZERO DEFECT • ZERO EFFECT

Ministry of Micro, Small & Medium Enterprises
and
Quality Council of India
awards

BRONZE
RATING

under Financial Support to MSMEs in ZED Certification Scheme
to

HI-MAK PVT LTD

Certified Unit Address : 308, Blue Diamond Complex
Fatheguni
Vadodara, Gujarat - 390002

NIC Code (as per NIC-2008) : 27104

UAM No. : GJ24A0006402

Number of Parameters Assessed : 30

Rating Agency : Acuité Ratings & Research Limited

Issued on: 09/01/2019

Certificate Validity: Four years from the date of issue

Joint Secretary & Additional Development Commissioner

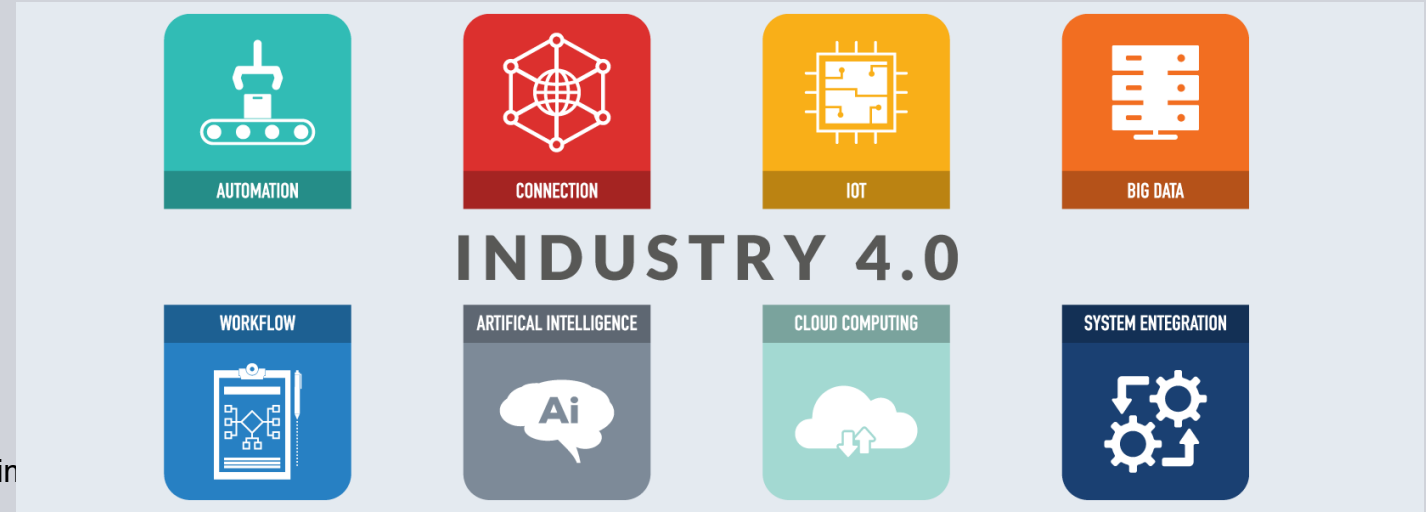
Secretary General

No. 12271040589B3

This certificate has been awarded after fulfilling the requirements of ZED guidelines and assessment criteria based on the unit's system & processes as on the date of assessment.

Action Plan for MSME

- ✓ Be Ready for new Technology and close existing gaps
- ✓ Real time Data monitoring system – Product, Energy
- ✓ SOP based system – ISO Guidelines and New methodology
- ✓ International standard adaptation for Digital Business Modelling
- ✓ Awareness of Government Schemes
- ✓ Networking for industrial practices and ideas for new customer access
- ✓ Trained Team – Ask talent from University
- ✓ Faster time to Market



Hi-Mak Pvt. Ltd.
201-209, Blue Diamond Complex,
Fatehgunj Cross Road,
Vadodara , Pin: 390 002
State: Gujarat , India.
Phone : +91-265-2795413 / 2795348
mail: info@himak.in/ sales@himak.in
Visit us : www.Himak.in