



**Arrelic**  
Your Reliability Partner.



# **TRANSFORMING MANUFACTURING**

*Industry 4.0 and Connected Factory Solutions*

[arrelic.com](http://arrelic.com)

[info@arrelic.com](mailto:info@arrelic.com)

1800 890 6250 / 1800 889 6350

## Our Services



Asset Performance  
Management



IIoT Products and AI/ML  
Platform



Reliability Engineering



Industry 4.0 Digital  
Transformation



Predictive Maintenance



Remote Monitoring For  
Industrial Assets

## ABOUT US

We help manufacturing companies reduce their operation and maintenance costs through technological innovation in asset performance management, reliability engineering, predictive maintenance, Industry 4.0, AI & ML and skill development.

## OUR VALUE TO CLIENTS



*Reduction in Maintenance  
Cost*



*Improve in Productivity &  
Availability*



*Reduction in Machine  
Breakdown*



*Reduction in Human  
Inference*



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A  
Reliable  
Plant  
is a  
Safe  
&  
Cost-Effective  
Plant.





# ABOUT ARRELIC

## Arrellic : Your Reliability Partner.

In the current scenario, all manufacturing organizations need to contend with unprecedented levels of competition to gain or keep market share. Reducing Assets downtime, improving productivity and reliability in the plants are the biggest challenges in this era.

Today, being a 'good' organization is not enough. To become a 'great' organization, you need to change the way you deliver value through your business operations.

Arrellic is a predictive analytics start-up firm; having an extensive expertise in reliability engineering, predictive maintenance, asset management, industries best practices and benchmarking domain.

We will help manufacturing industries to improve overall plant productivity, reliability and minimize total production cost by eliminating machine downtime through a unique approach based on **Results Oriented Plant Reliability Enhancement (ROPRE)** philosophy.

We ensure that business across all industries will achieve a higher competitive advantage, add value opportunities to transform their business, build more capable organizations to sustain and outperform their results.



### Expertise in Predictive Analytics

Predictive analytics is the idea of forecasting failures in machines or manufacturing processes.

We have developed **ARLYTIC** (Asset Reliability Analytics) and **APRANA** (Asset Predictive Analytics) with leveraging analytics capabilities along with reliability consulting experience and deep expertise in predictive maintenance tools such as vibration analysis, IR-Thermography, Ultrasonic, Motor current Signature analysis, NDT techniques.

### Expertise in Reliability Field

Through our expertise in reliability engineering, we assist various manufacturing industries in designing and implementing customized and robust approach to support your proactive maintenance strategy, RAM studies, design for reliability, root cause analysis (RCA), defect identification and elimination, systems optimization and reliability improvement and optimal life cycle cost.

We have combined both technology and processes i.e., advance engineering methods and studies, predictive maintenance and condition monitoring technology to maximize the productivity and reliability.

# ARRELIC OFFERINGS



## PREDICTIVE ANALYTICS

Predictive analytics is the idea of forecasting failures in machines or manufacturing processes.



## PREDICTIVE MAINTENANCE

Predictive maintenance helps to eliminate catastrophic equipment failures, extends the operational life of machine components and reduces the costs of parts and labour.



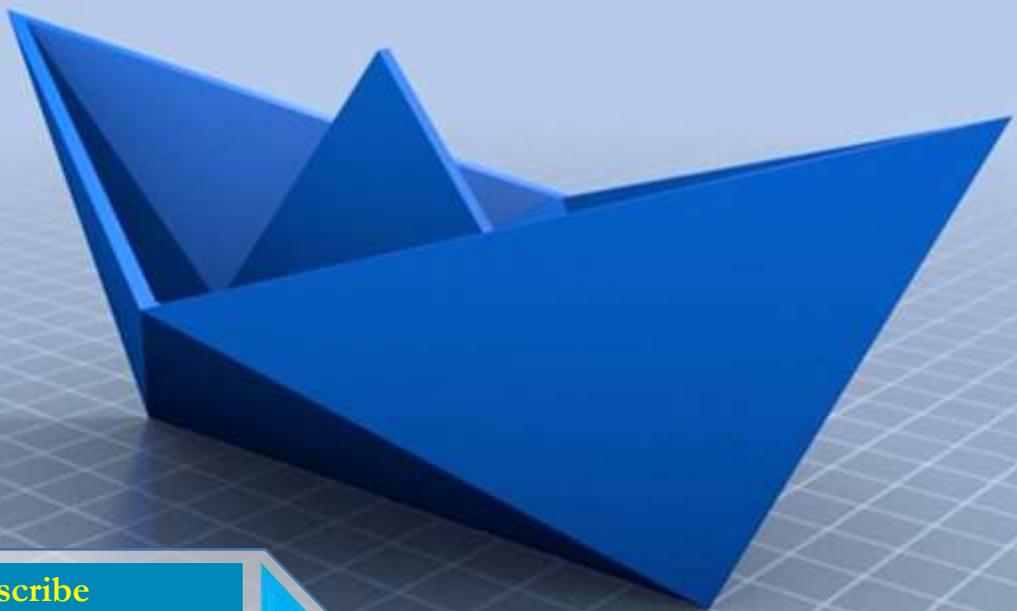
## CONSULTING SERVICES

**Arrelic** offers a range of consulting services that can be tailored to meet your organization's needs and help you achieve optimal asset performance.



## TRAINING & DEVELOPMENT

Our goal is to equip industry professionals with the skills and knowledge necessary to achieve sustainable reliability improvement.



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ReliabilityQ Magazine

[www.ReliabilityQ.com](http://www.ReliabilityQ.com)

# PREDICTIVE ANALYTICS

## ASSET PREDICTIVE ANALYTICS (APRANA)



Call us for  
a free demo

## Avoid Machines downtime by predicting failures

### Key Benefits

- Reduce machines downtime
- Optimize maintenance cycles
- Improve root-cause analysis
- Enhance data visibility
- Reduced total cost of ownership
- Improvement on overall safety and compliance

### Industry Expertise

- Airlines
- Chemical
- Cement
- Fertilizer
- Metals & Mining
- Oil & Gas
- Pharmaceuticals
- Metal & Mining

## ASSET RELIABILITY ANALYTICS (ARLYTIC)

ARLYTIC is a collection of on-line tools for performing calculations and analyses commonly used in system reliability analysis. The tools include a variety of easy-to-use calculators such as redundancy calculators, Weibull analysis, reliability growth testing planning and tracking, spare parts requirements, component life-time purchase analysis, environmental impact on system MTBF, field MTBF calculations, confidence intervals, and common probability distributions.



# TRANSFORMING MANUFACTURING WITH ARLYTIC





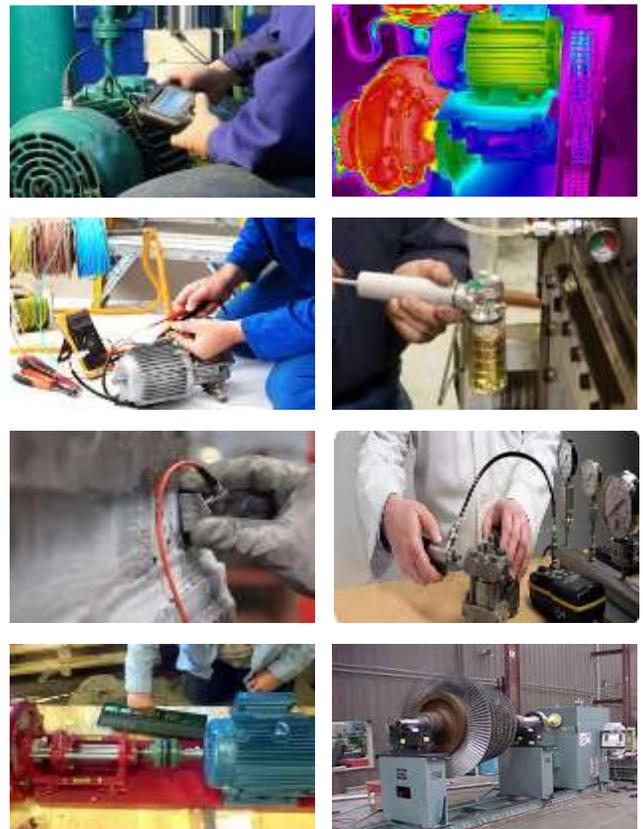
# PREDICTIVE MAINTENANCE

Arrelic specialize in a wide range of Predictive Maintenance services such as Vibration Analysis, IR Thermography, Wear Debris Analysis, Motor Current Analysis. Our diverse experience backgrounds in Condition Monitoring & Predictive Maintenance along with Reliability Consulting will help your organization to reduce the plant maintenance costs, operation support costs and downtime process costs at the same time it will drastically reduce the Machine Downtime.

We offer PdM/CM services under the supervision of highly qualified experienced and Level -2 Certified professionals along with more advance instruments so that we can deliver best in class quality standards norms with cost effective price to ensure both quality and customers' satisfaction.

## Predictive Maintenance Services

- ✓ Vibration Analysis
- ✓ In-situ Dynamic Balancing
- ✓ Laser Alignment
- ✓ Infrared Thermography
- ✓ Motor Current Signature Analysis
- ✓ Oil Analysis
- ✓ NDT Conventional
- ✓ NDT Advance
- ✓ Asset Integrity and Inspection
- ✓ Equipment Calibration
- ✓ Seismic Monitoring





# CONSULTING SERVICES

Arrelic offers a range of consulting services that can be tailored to meet your organization's needs and help you achieve optimal asset performance.

Our Consulting Services broadly classified as 5 segments such as reliability engineering, asset management, best practice, benchmarking and plant audits and assessment.



## Reliability Engineering



## Asset Management



## Best Practice



## Benchmarking



## Plant Audits and Assessment

[Read our latest blogs](#)

[www.arrelicblogs.com](http://www.arrelicblogs.com)





## TRAINING & DEVELOPMENT

Training are critical pieces of a site reliability training program. For professionals dealing with millions of dollars in equipment and the responsibility of keeping that equipment running effectively and efficiently, training is necessary to enhance their competency and eliminate equipment downtime. The most effective plant managers know that the return of investment for training programs is well worth the time and money spent, because training results in product quality, cost, and profitability remaining at optimum levels for the organization.

Our training covers a variety of reliability engineering, asset management and operational excellence disciplines. Our goal is to equip industry professionals with the skills and knowledge necessary to achieve sustainable reliability improvement. Our instructors have extensive field experience across many industries. Their knowledge and training expertise adds incredible value.



### TRAINING COURSES



### PUBLIC TRAINING



### ONSITE TRAINING



### CERTIFICATIONS



# Why Industry need to **focus on** Asset Performance Management ?

*An effective Asset Performance  
Management System can improve  
**EBITDA** as much as **15-25%***

*Learn more:*  
[arrellic.com/consulting-services/asset-management/apm](http://arrellic.com/consulting-services/asset-management/apm)

# INDUSTRY EXPERTISE



**Airlines**



**Automobiles**



**Cement**



**Chemicals**



**Defence**



**FMCG**



**Facility Management**



**Fertilizer**



**Glass Manufacturing**



**Metals**



**Mining**



**Oil & Gas**



**Power**



**Pulp & Paper**



**Pharmaceuticals**



**Textiles**



Improve  
Performance  
and  
reduce cost  
simultaneously  
using our  
new  
Reliability  
Centered  
Maintenance(RCM)  
Approach.

*Learn more:*

*[arrellic.com/consulting-services/reliability-engineering/rcm](http://arrellic.com/consulting-services/reliability-engineering/rcm)*



# CREATING A **WORLD-CLASS TEAM**

## **A BELIEVE IN OUR PEOPLE**

**Arrelic** relies on the expertise of its people to provide solutions and services that deliver value to customers involved in consulting, predictive maintenance, Training & Development, reliability software solution and predictive Analytics.

Recognizing that people are our most valuable asset, we're continuously investing in our people, ensuring that our organizational needs match their individual skills, capabilities and expectations.

In doing so, we're constantly developing and enhancing a team capable of working in close proximity to customers worldwide, meeting and often exceeding their needs.

We view the quality of our human resource management as fundamental to the success of our business.



### **GRADUATE PROGRAM**

To attract high potential graduates and develop them for future managerial and high technical responsibilities in Asset Management and Reliability Engineering.



### **EXPERIENCED PROFESSIONALS**

To transfer the technical know-how, enhance expertise and to develop consulting and know how skills of our employees.



### **ASSESSMENT & ENRICH PROGRAM**

To assess our employees on Leadership & Achievements using a global approach and enrich them periodically.



## LIFE AT ARRELIC

As an experienced professional you'll find life here challenging and rewarding, but most of all, inspiring. You know that when you choose to join us, you are choosing an organization committed to helping you achieve your unique potential and making a difference. We're proud to have a culture that brings out the best in individuals, encourages them to pursue excellence to support and encourage excellence in others.



**Flexibility at work**



**Discover your potential**



**A great place to work**



**Travel around the World**

**APPLY NOW**



**EXPERIENCED  
PROFESSIONALS**



**GRADUATE  
PROGRAM**

If you think  
you would fit in well with  
our culture and drive to succeed,  
then send your CV at  
**[careers@arrellic.com](mailto:careers@arrellic.com)**



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ARRELIC, ARLYTIC, ReliabilityQ, PdMAAS, PRRA, Digital 5S, IPPMS - Integrated Plant Predictive Maintenance Services, PMDE - Plant Maintenance & Diagnostic Engineer, Arrelic Professional Development Institute, MPSI - Maintenance Planning & Scheduling Improvement, EWM - Efficient Workplace Management, PGDARM - Post Graduate Diploma in Asset Reliability Management, PGDDAM - Post Graduate Diploma in Digital Asset Management, CEGMR - Certified Engineering Graduates in Maintenance & Reliability, CRCME - Certified Reliability Centered Maintenance Engineer, CRCMP - Certified Reliability Centered Maintenance Practitioner, RMEP - Reliability & Maintenance Excellence Professional are the trademarks of Arrelic .