

Announcement preface from Editor's Calligraphy Pen

EIS Strategy for Implementation of Contemporary technological thought omni present in a present State-of-Affairs

Every year, there are some technologies that are getting tons of murmur in tech industry. In past years, cloud computing, big data or Hadoop etc have gained lot of popularity. At present, blockchain unquestionably fits in this portrayal.

Enterprise information system (EIS) tier, in J2EE architecture, provides an enterprise's critical business information infrastructure. This system includes enterprise resource planning systems, relational databases and transaction processing systems.

Blockchain is an ingenious invention, which is a brainchild of a person or group of people known by the pseudonym, Satoshi Nakamoto. Many people are unaware and are raising question about what exactly is a blockchain. Blockchain technology created the backbone of a new type of internet by allowing digital information to be distributed. It was originally devised for the digital currency, Bitcoin. The use of blockchain technology can be viewed by rapid increase in publications, conferences and articles in journals. The tech community has now found many other potential uses of the technology like Blockchain, Artificial intelligence, Internet of Thing (IoT), Machine Learning etc.

EIS is a key constituent of road and rail network which maps all data and processes to distribute business solutions (Duan, Faker, Fesak and Stuart, 2013) whereas , blockchain maps all sort of data and uses smart contracts to enforce business logic and business processes.

The list of contemporary technologies used in enterprise in present state-of-affairs. Some Omni present thoughts are also presented in facts and figure form below:

1. Internet of Things (IoT)

In 2018, 21% of the companies have reported cyber-attacks and data breach due to unsecured IoT devices, hence, IoT has now entered in the corporate world and most of the government organizations to secure their confidential data.

2. Artificial Intelligence

It enables machines and computer systems to do what we assume only entities having human-like intelligence could do. This technology can improve world for the better, but, its implementation involves lot of challenges like machine accountability, security displacement of human workers etc.

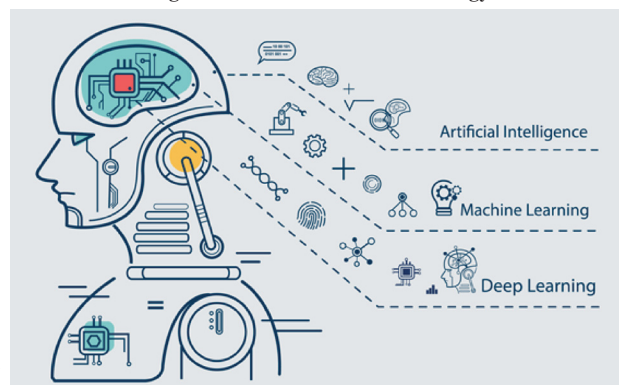
3. Machine Learning

It is one of the branches of artificial intelligence which enables computers to perform functions. It enables in processing of large data by developing algorithms. It is also used for developing automated machines by execution of algorithms and set of rules.

4. Deep Learning




It is a machine learning technique which uses a neural network algorithm that makes mata data as an input and processes data through layers of nonlinear transformation of input data to compute output.

Figure 1: Potential uses of technology



Source: <https://www.thetambellinigroup.com>

Table 1: Difference between AI, Machine Learning and Deep Learning

 Artificial Intelligence	 Machine Learning	 Deep Learning
Artificial intelligence originated around 1950s.	Machine learning originated around 1960s.	Deep learning originated around 1970s.
AI represents simulated intelligence in machines.	Machine Learning is the practice of getting machines to make decisions without being programmed.	Deep Learning is the process of using Artificial Neural Networks to solve complex problems.
AI is a subset of Data Science.	Machine learning is a subset of AI & Data Science	Deep learning is a subset of Machine learning, AI & Data Science.
Aim is to build machines which are capable of thinking like humans.	Aim is to make machines learn through data so that they can solve problems.	Aim is to build neural networks that automatically discover patterns for feature detection.

Source: <https://www.edureka.co/blog/interview-questions/artificial-intelligence-interview-questions/>

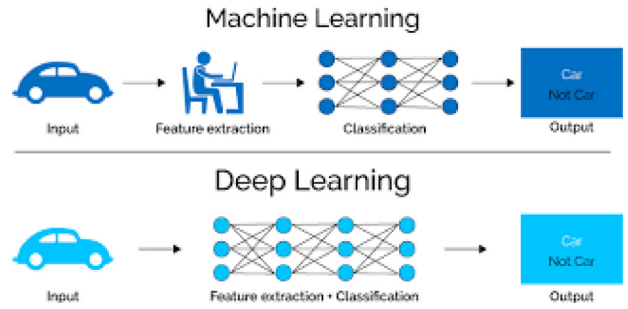
Artificial Intelligence (AI) is simulation of human intelligence processes by computer systems and machines. Such processes include learning, reasoning and self-correction. AI has received a lot of focus in recent times and there has been a boom in the innovations based on artificial intelligence. The Internet has played a vital role in the enabled services of artificial intelligence.

Machine learning is one of the techniques of artificial intelligence which has stirred new developments. It has created new algorithm which supports human behavior and decision making abilities like Apple's Siri, email servers etc. This latest invention is also used in E-commerce websites which personalize the search of web experience of their customers.

Blockchain enables an evolving set of parties to maintain a tamper-proof ledger of transactions without central authority and opens multifarious opportunities to redesign B2B collaborations in various fields like healthcare, logistics, supplychain, logistics and industry 4.0.

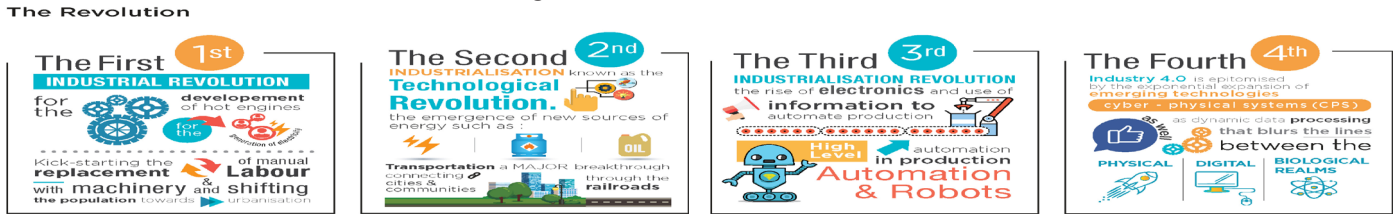
Industry 4.0 is a subset of fourth industrial revolution which encompasses areas which are not normally classified as industries like smart cities.

Figure 2: Machine learning and deep learning



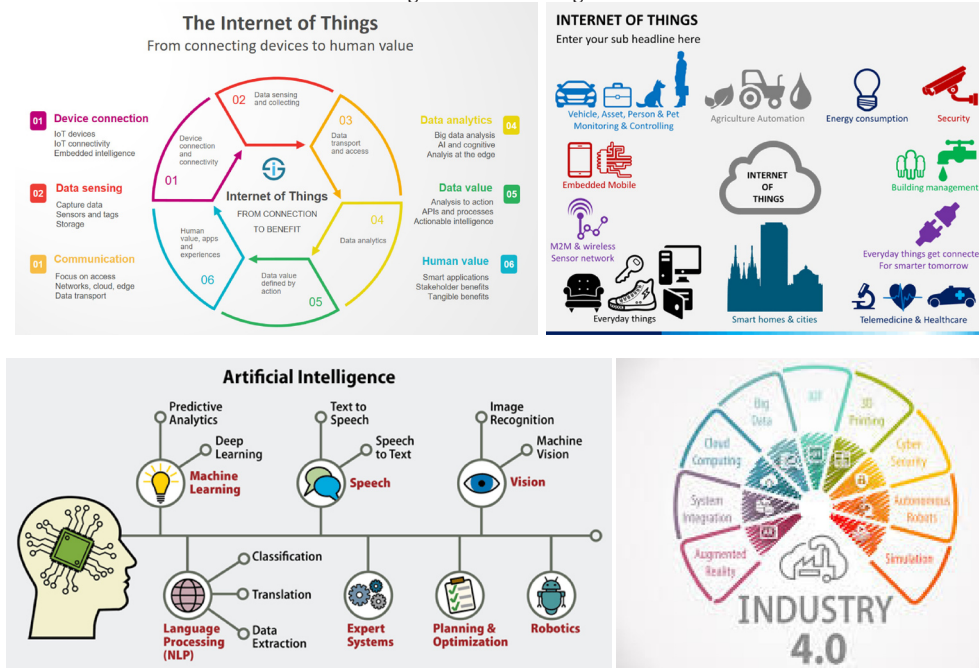
Source: <https://www.xenonstack.com/blog/log-analytics-deep-machine-learning>

Figure 3: Phases of industrial revolution



Source: <http://www.mpc.gov.my/industry4wrld/>

Figure 4: EIS Strategies



Source: <https://boothwelsh.co.uk/defining-pillars-industry-4-0>

For instance, while buying railway tickets, we use an app or use web. During transaction, the credit card company processes the entire transaction and with the help of blockchain, processes the entire ticketing process and railway operator saves the credit card processing fees. During the transaction between the railway company and the passenger, ticket is a block which is added to a ticket blockchain. In recent times, Uber and AirBnB are susceptible by blockchain technology as one need to encode the transactional information for a car ride, this cut out the fees processing middle man. One more example, we can see from Sony, which has created a robotic dog called Aibo, which is one of its first toys that can be bought and played with; it also, expresses emotions and recognizes its owner. By 2020, with the help of machine learning, 85% of telephonic customer's service jobs will be performed by computers by eliminating the human interaction. It will also be possible that all customer digital assistant to recognize people by face and voice. It has been predicted that, the way artificial intelligence is being adopted in various areas and fields of work; it will replace 16% of jobs over the next decade. It is also being predicted that in next few years, 3 millions of workers will be reporting to and will be supervised by 'Robot-bosses' all over the world.



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10 Year Plus Journey about GJEIS: From 2009-2018

GJEIS which was formulated in the year 2009 is one of the peer review referred journal which had been impertunate from this storm. We want to assign an extraordinarily out of the ordinary festivity: the first 10 years of GJEiS with your support we had accredited from you and from many other colleagues from all over the area of expertise, this sparkle would not have draw closer elite of the contributors support and backing. This volume is signboard in plentiful ways. First, it scripts the establishment of our 10th year of publication, in which we have foretaste how GJEiS had full-fledged from underside to apex. Second, we are about to go on board into our first new decade, under the banner of our new publisher, Scholastic Seed Inc. (www.scholasticseed.in). Scholastic Seed Inc. originated as a think-tank and an Out-of-Box service contributor of periodicals online platform apparatus and had urbanized digital state-of-art periodicals software exclusively for the magazines, scholarly journals, newspapers, annual reports and newsletters. In the present state of affairs these publications are available at usual intervals and required lots of digitization and contemporary thought to burgeon online..

I would like in person thank KARAM Society for having the vision to back our young periodical and see it through to teenage years. I've been fortunate to plug away with some splendid population, who helped an inexperienced editor, as we urbanized a bulletin with a very divergent gaze and undergo to most others in the geography. As we go into the next segment of our escalation, I'm looking forward to working with Scholastic Seed Inc. originated a E-publishing Aggregator & Periodical Mentor www.gjeis.com, a pioneer in library management and innovative corporation, which is rapidly expanding in the area of periodical. The vertebral column of any journal is its editorial board as which not only sanction the journal but reinforce in making more strapping editorial boards in many ways. Perhaps the most extensive gathering of the board is to bequeath with high-quality reviews for articles where you may be besieged to find tangential reviewers. Board members can also carry out as a third, or trusted "tie-breaker" reviewer on articles where you have received split opinions from the other referees. We had fashioned a new pedagogy from 2019 to reinforce and bring lucidity. The below box mentioned give the apparent understanding of a review process the journal follow across all the article published in particular issue volume after volume, the extract of the reviewer's and editorial comment is enclosed jus for the knowledge to the reader how we exactly go through and tackle article. From forthcoming issue we had make our mind to add a blind reviewers comment at the end of an article without disclosing the identity, so that more curious debate in academia would reach to unreached which by and large facilitates a grass root researcher about the reviewer process.

ARTICLE HISTORY

Paper Nomenclature:
Empirical Research Paper (ERP)
Paper Code: NA
Originality Test Ratio: 19%
Submission Online: 6-March-2019
Manuscript Acknowledged: 10-March-2019
Originality Check: 14-March-2019
Peer Reviewers Comment: 4-April-2019
Blind Reviewers Remarks: 20-April-2019
Author Revert: 21-April-2019
Camera-Ready-Copy: 20-June-2019
Editorial Board Citation: 25-June-2019
Published Online First: 5-July-2019

Sample Editorial Comment Column: This particular column can furnish an elaborative view on the paper the day it had been submitted and DOI generated at that juncture to give full transparency. If the paper published in due course the same DOI converted into a 5 digit code and mentioned at the right side of cover page and in a Paper code head too, otherwise will scrap the code in order to avoid misconduct. The purpose behind to give a full clearness to the authors. For more detail about the DOI one can visit <https://www.doi.org>. Editorial board are in suitable passageway answerable for the supremacy of the critique and cautious for recognize noteworthy 'worth mentioning topics', sourcing high quality manuscripts, handling schedule paperwork, and organizing the flow of manuscripts (*i.e. from author to referees and back in a camera ready shape*).

The editorial board (sometimes known as an advisory board) typically consists of a group of prominent people in the journal's field. Having an editorial board is very significant: they act as ambassadors for journals. To some extent the quality of a journal is judged by the members and scholastic credentials of its editorial board. Aside from providing prestige, the role of the editorial board is to advise and support the editor. Functions may include:

- *Identifying new topics for commissions, special editions and advising on direction for the journal—giving feedback on past issues and making suggestions for both subject matter and potential authors*
- *Provide content by writing occasional editorials and other short articles*
- *Approaching potential contributors*
- *Peer review; also help to identify peer reviewers and provide second opinions on papers (i.e. where there is a conflict between reviewers)*
- *Identify appropriate conferences for editors to attend*
- *Endorse the journal to authors, readers and subscribers and encourage colleagues to submit their best work.*

In inspection of the precision that it has started its publication has contemplate on issues concerning science, management, engineering and technology in various leading circumference areas of research, development and its connotation. Since GJEIS which addressed as an academic journals are not sustain economically by institution but supported by KARAM Society a Research and Academic Management conglomerate and professional organizations, who in the backdrop plot a route. GJEIS with an academic permission are twisted by commercial publishers who do not make a profit by charging subscriptions to individuals and libraries and tender free articles from their portal www.gjeis.com

The GJEIS as a scholastic journal facilitates debonair with its research initiatives and meticulous blind and peer review process the journal is currently at present listed in almost fifty directories in the globe, equipped with Digital Object Identifier (DOI) from Cross-ref USA <http://www.crossref.org>. It also had an average impact factor of 2.31 from the various impact factors rating agencies. Recently as per the Google scholar it h-index is 94 and i-10 index is 921 from 2009-2018. From 2019 onwards as per the instruction given by the international listing agencies which provide ratings to the journal, we had stated putting a similarity index at the end of an article to give more transparency and creditability

Hope that this kind of initiatives can definitely give journal an edge and create a niche. The journal with its Present Volume-11 Issue-I Jan-March 2019 had a mandate of a Journal is to popularize the thought of Enterprise, Information and System in business and remote business. It is designed to make graspable to community that harmonization of three words is not just a economic idea, but is more omnipresent, that is why we have to get transversely what the academics and the peers are doing and saying about scientific showground in creating a recess. We have fabricated an across-the-board cluster to make GJEIS genuineness.

We had moreover at the present made the Open access Journal so that large number of people get accessed and enjoy reading content. On the other hand the dedicated page in Face book created in order to fiddle with the GJEIS alliance <https://www.facebook.com/GJEiS>. The GJEIS website has been moving to a new contemporary Google-hosted JavaScript service which label the length of population curate online directory, helps in indexing and smooth the development of in providing access to peer-reviewed articles. It is also equipped with search engine optimization and web analytics for statistical analysis and citation. GJEIS is also been placed at UGC Approved List of Journals at S. No. 27981 <https://www.ugc.ac.in/journallist> and also get a space in a care list designed for journals

To commemorate this anniversary we want to publish a Special Issue that collects your impressions in the form of review, original article, letter to the editor, opinion or perspective article, etc., which include a paragraph with congratulation to *GJEiS's* 11th Anniversary or a personal reflection on *what has GJEiS influenced in my work as a researcher? Why do I like to publish in GJEiS? Or what do I think GJEiS has contributed to the field?* I on behalf of GJEiS grab this opening to eloquent indulgence to the complete personnel of KARAM Society and community from Scholastic Seed Inc. for their enthusiasm and relish in bringing out this fast-moving volume/issue. To make journal a benchmark from 2019 we are creating a new team with more contemporary thought and strengthening the peer review process. I would in tot up be affectionate of to authenticate confirmatory feedback to our society staff at the periodical office, for their well judged and meticulous effort.



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Three Year Notified Tenure 2018-2020
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