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AAZADI KA AMRIT MAHOTSAV

ITanium

DEPARTMENT OF INFORMATION TECHNOLOGY
NBA ACCREDITED

Special Edition: Emotional AI



IMS ENGINEERING COLLEGE, GHAZIABAD

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VISION & MISSION

IMS ENGINEERING COLLEGE

VISION

Our vision is to impart vibrant, innovative and global education and to make IMS the world leader in terms of excellence of education, research and to serve the nation in the 21st century.

MISSION

To develop IMSEC as a centre of Excellence in Technical and Management education.

To inculcate in its students the qualities of Leadership, Professionalism, Executive competence and corporate understanding.

To imbibe and enhance Human Values, Ethics and Morals in our students.

To transform students into Globally Competitive professionals.



Department Of Information Technology

VISION

To impart futuristic technical educational and establish a department of excellence by preparing students to apply their knowledge and varied skills as a competent technocrat to contribute towards solving complex societal problems and thus building a peaceful and prosperous nation.

MISSION

M1: To impart quality engineering education so that they become perfect IT professionals by getting high quality of technical education, research, training, professionalism with strong ethical values.

M2: To educate students in such a way that they shape up their minds to ensure their productive career in industry and academia.

M3: To help students to excel in research and innovation that discovers new knowledge which enables new technologies and systems.

M4: To prepare students to become an industry ready IT professional by inculcating creativity, team spirit, leadership and ethical competence through industry-academia collaboration, continuous curricular, co curricular and extra curricular activities



Department Of Information Technology Program Outcomes (POs)

- 1. Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- 2. Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- 3. Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
- 4. Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- 5. Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
- 6. The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- 7. Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
- 8. Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- 9. Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- 10. Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- 11. Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- 12. Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.



PROGRAM EDUCATIONAL OBJECTIVES (PEO)

PEO1: Graduates of the program will be able to apply fundamental principles of engineering in problem solving and understand the role of computing in multiple disciplines.

PEO2: Graduates will learn to apply the various computational techniques & tools for developing solutions & projects in real world.

PEO3: Graduate will be employed as Information Technology (IT) professionals beyond entry-level positions or be making satisfactory progress in graduate programs.

PEO4: Graduate will be able to demonstrate that they can function, communicate, collaborate and continue to learn effectively, and ethically as a socially responsible information technology professional. They will contribute to the society by their professional capabilities through lifelong learning.

PROGRAM SPECIFIC OUTCOME (PSO)

By the completion of program the students will have following program specific outcomes

PSO1: Foundation of computer system: Ability to understand the principles and working of computer systems & information technology.

PSO2: Foundations of software development: Possess professional skills and knowledge of software design process. Familiarity and practical competence with a broad range of programming language and open source platforms.

PSO3: Foundation of mathematical concepts: Ability to apply mathematical methodologies to solve computation task, model real world problem, using appropriate data structure and suitable algorithm.

PSO4: Applications of computing and research ability: Ability to use knowledge in various domains to identify research gaps and hence to provide solution to new ideas and innovations.

Director's Message



Dr. Prabal K. Chakravorty
Director

कुछ किए बिना ही जय - जयकार नहीं होती,
कोशिश करने वालों की कभी हार नहीं होती ।

~Dr. Prabal K. Chakravorty

HOD'S Message



Dr. S N Rajan
HOD IT

The Department of Information Technology, now NEA accredited, is working hard to accommodate the ever varying aspirations of the younger generation because of increasingly changing demand and development in industries. We are putting our efforts to accommodate these aspirations by fine tuning the teaching learning process and with many other developmental activities.

Our goal is to maintain excellence in education and to get global recognition. It may sound idealistic, but this is precisely our long term goal. It is what motivates the work of everyone in the department. It inspires our teaching and research. It is this goal which fuels the faculty members to excel.

Our University results and placement speaks about our excellence with many of our students bringing laurel to the college by getting highest ranking in university exams and huge number of students are placed in national & multinational companies, moreover our students' creativity and determination is evident by this continuous success in various fields.



DEPARTMENT OF INFORMATION
TECHNOLOGY

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26 TH OF JANUARY
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Editor's Desk



Shilpa Singhal
(Editor, ITanium Magazine)
Assistant Professor, IT
Department, IMS Engineering
College, Ghaziabad

Dear Readers,

As the Editor, I am glad beyond words to present this edition of ITanium, the Bi-monthly magazine of the IT Department, to you all. The Theme of this edition is “Emotional Artificial Intelligence”.

I must thank the Editorial Team members behind ITanium, whose hard work and perseverance in bringing out ITanium is directly reflected in the quality of the content that ITanium delivers. They are in true sense the backbone of magazine. At the same time, Faculty, Alumni and Students who submit their Articles and valuable suggestions/messages for publication also deserve a huge round of applause. They must take the largest share in the success of the magazine.

Last but not the least; I am highly indebted to the readers of ITanium including the faculty, students and alumni of IMS Engineering College, Ghaziabad, who spend their precious time in going through every edition of the magazine and sharing their views & appreciations with us. I am heartily thankful to them for their wishes and support.

With this, I finally present this edition of **ITanium** to our readers. I hope they will enjoy it and share their thoughts on this edition with us. Let me end in the words of John Locke– **“Reading furnishes the mind only with materials of knowledge; it is thinking that makes what we read ours.”**

Thank You!!

"QUOTABLE QUOTES"

"IT is far better to be alone, than to be in bad company".

-George Washington

"Many of the life's failures are people who did not realize how close they were to success when they gave up."

-Thomas A. Edison

"If you want to live happy life, tie it to a goal, not to people or things."

-Albert Einstein

"Your time is limited, so don't waste it living someone else's life. Don't be trapped by dogma- which is living with the results of others people's Thinking."

-Steve Jobs

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Articles

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Applications of Emotional AI

Over the past few years, emotion AI vendors have ventured into entirely new areas and industries, aiding organizations in developing an enhanced customer experience as well as in unlocking real cost savings. For instance, Emotional artificial intelligence or 'emotion AI' often conjures up visions of humanoid robots in customer service roles, like the lifelike 'receptionist' welcoming guests at a Tokyo hotel.

As per researchers from the Queen Mary University of London, adopting radio waves for measuring heart rate and breathing signals can prove to be effective in predicting the feelings of someone despite the dearth of other facial hints. Below are some of the areas where Emotional Artificial Intelligence is being applied. These include:



Shilpa Singhal
Assistant Professor
IT Department



1. Detecting mental stress -

Emotion AI can be employed to identify suicidal ideation and aid in alerting emergency responders to prevent suicides and save lives. For instance, Facebook is employing emotion AI for monitoring users' posts, looking for content that could strike a red flag and show signs of a user being suicidal, and alert local authorities.

2. Video gaming -

By employing computer vision, the game console/video game identifies emotions through the user's facial expressions during the game and acts according to it. An example of such a video game is Nevermind.

3. Education –

Learning software prototypes have been designed for gauging and adjusting to the emotions of kids. If the child displays frustration owing to a task being too complicated or too easy, the program accommodates the task accordingly, making it either less or more challenging. Another learning system aids autistic children in identifying other people's emotions.

For instance, new tools from companies such as Behavioural Signals can read emotions based on a child's voice and notify the teacher if the student is happy or exasperated and confused.

4.Chatbots -

Chatbots aim to direct customers to the appropriate service flow swiftly and more precisely taking into consideration their emotions. For instance, if the system identifies a user to be pissed, they are either directed to a different escalation flow, or to a human.

5.Car Safety -

Automotive vendors can employ computer vision technology for assessing the emotional state of the driver. If the driver is in an extremely emotional state or in a state of drowsiness, it could notify the driver. For instance, AutoEmotive, Affectiva's Automotive AI, and Ford have endeavored to prepare the emotional car software market for identifying human emotions such as frustration, anger, or drowsiness, and then take charge to stop the vehicle for preventing any accidents or any road rage acts.

6.Security Sector -

The security sector is also employing Emotion AI for detecting stressed or angry people. For example, the British government is monitoring the sentiments of its citizens through social media on some particular topics.

7. Marketing -

Emotional AI is also being employed in marketing, for instance, Entropik Tech, is a Bengaluru-based emotion-recognition, AI startup, which aids marketers in coming up with effective emotion-based takeaways for making their routing ad campaigns popular with their target audience to make them high ROI churners. In August 2019, the tech startup released an AI-driven platform that adopts deep learning, powered with AI algorithms for predicting the emotion metrics of consumers.

8. Human Resources –

Emotion AI plays a role in allowing HRs of businesses to keep track of how stressed the candidates are and how they interact amidst the interview for making improved recruitment decisions and for performing HR Analytics. For instance, Unilever is one of the firms which is presently adopting emotion AI for its job interviews. The stress and anxiety levels of the employees can also be tracked through Emotion AI for ensuring that they remain satisfied with their present workload and duties.

Potential Impact of Emotional AI on the Future of Work

- Emotion AI has been described by some as the future of artificial intelligence. Also known as affective computing or artificial emotional intelligence, the field uses AI to study the non-verbal cues of humans, like body language, facial expressions, gestures and tone of voice to detect their emotional state.
- The somewhat controversial field has experienced an explosion of development over the past year. According to some players in the space, it has the potential to impact the future of work and influence a number of industries as development continues during the next few years.
- Geared toward the financial and payments industries, Behavioural Signals uses voice intelligence analytics to measure and quantify human emotions and behaviours and provide businesses with actionable information. Analysing voice and audio emotion is one of the three key categories of emotion AI, useful for call centre and other customer service environments.



Suveg Modgil
Associate Professor
IT Department

- Text emotion AI is another category, and uses natural language processing (NLP) and "sentiment analysis" to detect and measure human emotions. Sentiment analysis applies NLP to text to gauge whether sentiments are positive or negative and how much so. One of its main applications is to analyse company reviews of products and services.
- "A company might have a solution for the hotel industry that contains a certain set of taxonomies," said Seth Grimes, a NLP consultant who is the founder of Alta Plana, which specializes in business intelligence and analytics, text analytics and sentiment analysis. "It understands that a hotel has rooms, service, a restaurant — it understands the structure of the thing being analysed. But it doesn't necessarily understand that, say, Hilton Hotels has certain branding, like the reward system is Hilton Honors, and so on. That kind of last-mile training used to be via customizing taxonomies and role sets. Nowadays, it's transfer learning."
- The third category of emotion AI is video and multimodal emotion AI. In this instance, video is analysed for facial movements, gait, physiological signals or a combination of some or all of those behaviours.

Five Reasons Artificial Intelligence Need Emotion

1. EMOTIONAL INTELLIGENCE IS A KEY COMPONENT OF ANY INTELLIGENCE – HUMAN OR ARTIFICIAL

- Emotional intelligence is a key component of human intelligence. To effectively reason, plan, and perform tasks (all things we think of as cognitive), human beings need to have emotional intelligence. Namely, they need to be able to read and interpret the emotions of others and respond appropriately.
- In fact, we know that people who have severe problems with EQ are often unable to make key decisions in their lives, keep jobs, or build relationships.
- We argue that the same is true for AI: a truly effective AI will need to have emotional intelligence. This is especially true for an AI system that will need to interact, communicate, and coexist with humans, which is increasingly true for AI systems.



Mr. Subham Vyas
Assistant Professor
IT Department

2. EMOTION-AWARE AI HAS PRACTICAL COMMERCIAL APPLICATIONS TODAY

- We are much more interested in a pragmatic view of AI—one that is applied is very practical and can benefit society and humanity now. Our point is that there are already very practical use cases of emotion-aware AI, and systems that interact with humans need some level of emotional intelligence. AI systems that are emotion-aware will have an immense competitive advantage over AI that has only cognitive or computational abilities, especially in real-world usage.

3. EMOTION AI IS CRITICAL TO EMPATHETIC AND ETHICAL AI SYSTEMS

- Trust and ethics are a huge consideration in AI – one that we take very seriously at Affectiva. This is especially true when we are talking about people's emotions – something very personal.
- If AI systems are expected to make decisions or act on your behalf, what are they allowed to do or not do? Share or not share? If your family robot detects that your teen is showing signs of depression, who should it disclose this to? Building AI systems that have empathy with clear ethical guidelines is critical to the decision-making logic of these AI systems. Emotional intelligence is a key part of that.

4. EMOTION AI SYSTEMS WILL AUGMENT HUMAN ABILITIES

- Emotion AI systems will augment human capabilities in a way that extends our capacities, making us more productive and efficient.
- Take healthcare for example, where there is a shortage of nurses, clinicians, and mental health workers. Virtual nurses and home-based robots that care for chronically ill patients won't replace the role of the nurse or doctor. Rather they will extend it, providing longitudinal and continuous data on the patient's physical health and emotional well-being.

5. AI SYSTEMS WITH EMOTION WILL CREATE NEW JOB OPPORTUNITIES

- Robots and other AI systems will take over some of our jobs, but they will undoubtedly create new jobs and opportunities that did not exist before. This has happened over and over in the history of industrialization and automation, and there is no reason to think it will be different in this wave of innovation.

EMOTIONAL AI

The ability to understand, use, and manage your own emotions in positive ways to relieve stress, communicate effectively, empathize with others, overcome challenges and defuse conflict is called Emotional Intelligence.

When computers can read emotions by analyzing data, including facial expressions, gestures, tone of voice, force of keystrokes, and more to determine a person's emotional state and then react to it, we call this artificial emotional intelligence.

This ability will allow humans and machines to interact in a much more natural way and very similar to how human-to-human interaction works.

It is important because It enables the business to recommend the right products and services to the right customers at the right time for better customer engagement.



Shrishti Tiwari
3rd Year
IT-2

The Risks of Bias in Emotional AI

AI is often also not sophisticated enough to understand cultural differences in expressing and reading emotions, making it harder to draw accurate conclusions in short, if left unaddressed, conscious or unconscious emotional bias can perpetuate stereotypes and assumptions at an unprecedented scale.

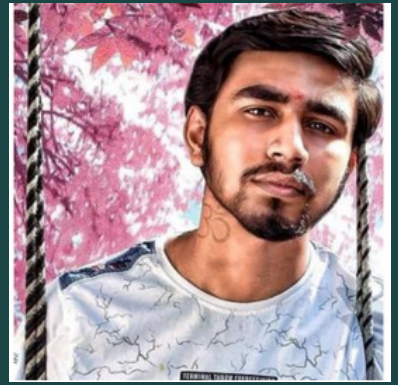
Emotional Artificial Intelligence

"The pace of progress in artificial intelligence (I'm not referring to narrow AI) is incredibly fast. Unless you have direct exposure to groups like Deep mind, you have no idea how fast—it is growing at a pace close to exponential. The risk of something seriously dangerous happening is in the five-year time frame. 10 years at most."—

Elon Musk

An essential characteristic of intelligent beings cherish humans is their ability to feel differing kinds of ideas, expressions, associated feelings. Feeling plays an integral side within the lives of biological creatures such as animals and humans. While not emotion, the state of our existence would maybe be in danger. Rather than living in an exceedingly world of happiness and love, we'd in all probability live below the threat of social stigma and insecurities. Considering concerning the worth of human emotions and intellect would be a waste of your time because, without it, we would be walking on a sphere stuffed with psychopaths and sociopaths. As our fantasy (sci-fi) movies like to portray computer science because the curse of human existence and one thing that may take over the complete world, it's intriguing and interesting to seem at this side of AI that's nevertheless to be uncovered.

The human brain could be a complicated structure, and it's evident that this stuff are replaceable. Whereas deep learning and artificial neural networks have evolved through the years, they're solely biologically galvanized by the human brain.



Utkarsh Sharma
3rd Year
IT-2

These scenarios lead to several intriguing questions that arise and dwell deep within our minds. Some seemingly familiar but nonetheless peculiar queries that we might want to be answered include questions like —

1. Can AI have emotions?
2. Is it possible to program such an AI technology?
3. Will this AI create a potential threat to human existence?

• **Analysis of Emotions in AI.**

While it is good for the human brain to detect feeling and emotions and to understand how other living beings can feel, it is a complex situation in the field of artificial intelligence, deep learning and AI.

Let us consider some examples where AI is used for computer visual aids such as facial recognition, image classification, and sensory detection or touch. These are common use situations where artificial intelligence cannot function properly. But, let's take a look at each of these tasks one by one and see what their current performance in the real world is like. Face recognition in deep learning has evolved continuously and has reached a new milestone. With modern advancements in technology, we can achieve accuracy close to 99.2% on the recognition of a single face with a single image.

• **The Danger of Bias in AI with Emotion.**

Due to the submissive nature of emotions, emotional AI tends to be biased. For example, once study found that emotional analysis technology gives negative emotions to people of a certain race more than others.

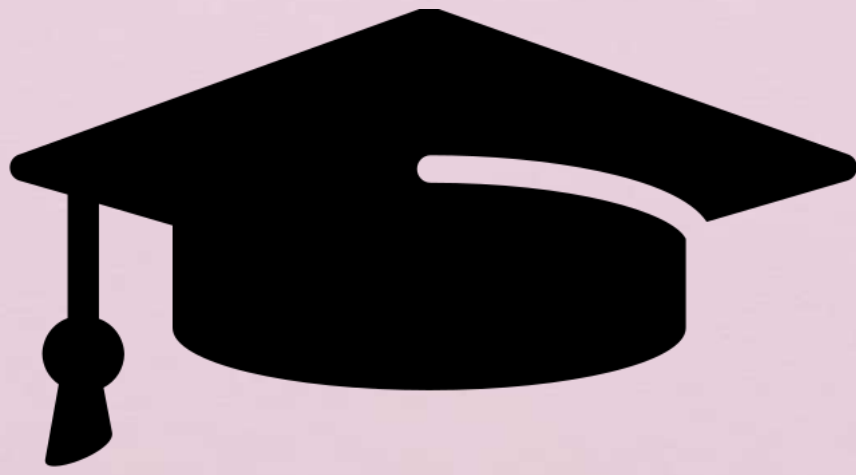
- **Is it possible for AI to have Emotions?**

While it may be a little disappointing that we have not yet reached the point where we can train our AI models to express emotions, it is noteworthy that the progress we have made so far is significant and significant. At present, it is not possible for Artificial Intelligence to duplicate human emotions.

However, research shows that it is possible for AI to mimic certain types of speech. The world is a tragedy to those who feel, but a comedy to those who think." -Horace Walpole

- **Conclusion.**

AI with emotions is a brilliant topic for speculation and anticipation for the things to occur in the future. There is so much scope in this subject, and I am truly excited to see what the future awaits.



ALUMINI SPEAKS





Vedansh Sharma
IT (2013-17) Batch,
Senior Software
Engineer,
Bold Technologies,
Noida

It is well said that you value things when you don't have them this is very much true in my case as well. When we were in college we always use to think that why there is so much of discipline but once I enter corporate I realized that it was for our benefits only. And one thing more I would like to thanks my IT Department faculty members of IMSEC who helped us in every way to make our basics very clear which gave me edge over other graduates. At the end of day it all depends on how well you perform in your organization and how keen you are in learning new things that too with right attitude. All the Best !!



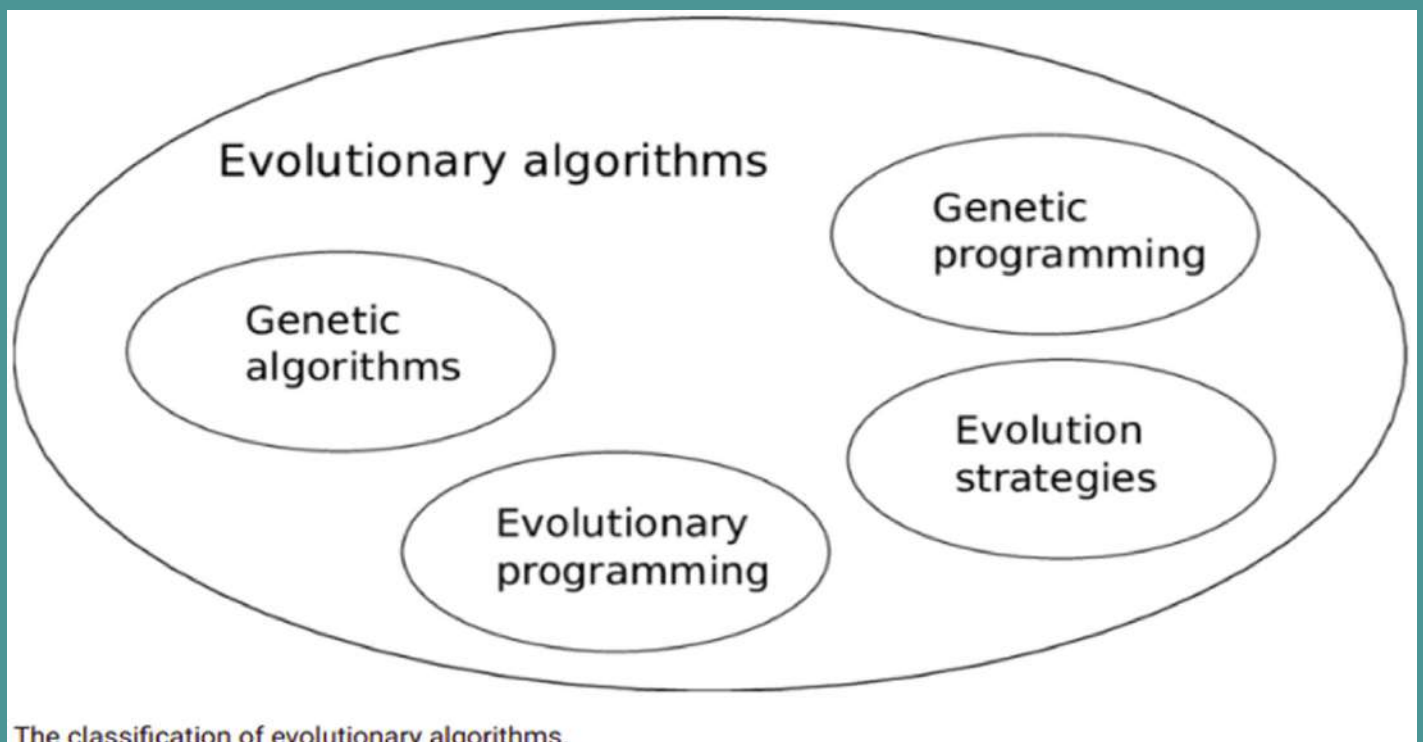
**Lalit Verma
IT (2015-19) Batch,
Cloud Engineer,
Umbrella InfoCare
Private Limited,
Noida**

“The Genesis of Evolutionary Strategies in AI”

In computer science, evolutionary computation is a family of algorithms for global optimization inspired by biological evolution, and the subfield of artificial intelligence and soft-computing studying these algorithms. In technical terms, they are a family of population-based trial and error problem solvers with a metaheuristic or stochastic optimization character.

In evolutionary computation, an initial set of candidate solutions is generated and iteratively updated. Each new generation is produced by stochastically removing less desired solutions, and introducing small random changes. In biological terminology, a population of solutions is subjected to natural selection (or artificial selection) and mutation. As a result, the population will gradually evolve to increase in fitness, in this case the chosen fitness function of the algorithm.

Evolutionary computation techniques can produce highly optimized solutions in a wide range of problem settings, making them popular in computer science. Many variants and extensions exist, suited to more specific families of problems and data structures. Evolutionary computation is also sometimes used in evolutionary biology as an *in silico* experimental procedure to study common aspects of general evolutionary processes.



EVOLUTIONARY ALGORITHMS

Evolutionary algorithms form a subset of evolutionary computation in that they generally only involve techniques implementing mechanisms inspired by biological evolution such as reproduction, mutation, recombination, natural selection and survival of the fittest. Candidate solutions to the optimization problem play the role of individuals in a population, and the cost function determines the environment within which the solutions "live" (see also fitness function). Evolution of the population then takes place after the repeated application of the above operators.

In this process, there are two main forces that form the basis of evolutionary systems: Recombination mutation and crossover create the necessary diversity and thereby facilitate novelty, while selection acts as a force increasing quality.

Many aspects of such an evolutionary process are stochastic. Changed pieces of information due to recombination and mutation are randomly chosen. On the other hand, selection operator can be either deterministic, or stochastic. In the latter case, individuals with a higher fitness have a higher chance to be selected than individuals with a lower fitness, but typically even the weak individuals have a chance to become parent or to survive.

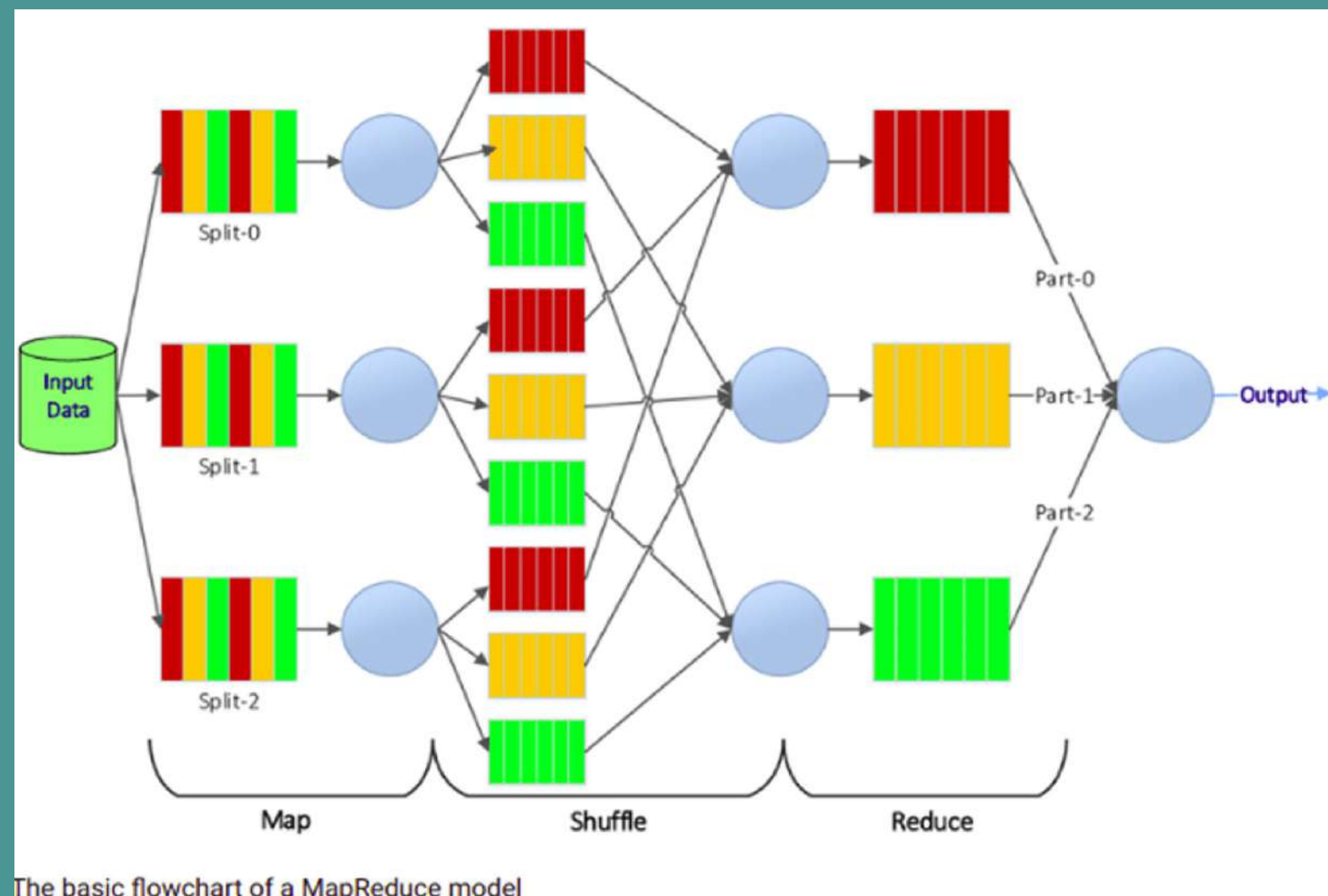
TECHNIQUES OF EVOLUTIONARY COMPUTATION

Evolutionary computing techniques mostly involve metaheuristic optimization algorithms. Broadly speaking, the field includes:

- Ant colony optimization
- Artificial immune systems
- Artificial life
- Cultural algorithms
- Differential evolution
- Dual-phase evolution
- Estimation of distribution algorithms
- Evolutionary algorithms
- Evolutionary programming

CONCEPT OF EVOLUTIONARY COMPUTATION

In computer science, evolutionary computation is a family of algorithms for global optimization inspired by biological evolution, and the subfield of artificial intelligence and soft computing studying these algorithms.



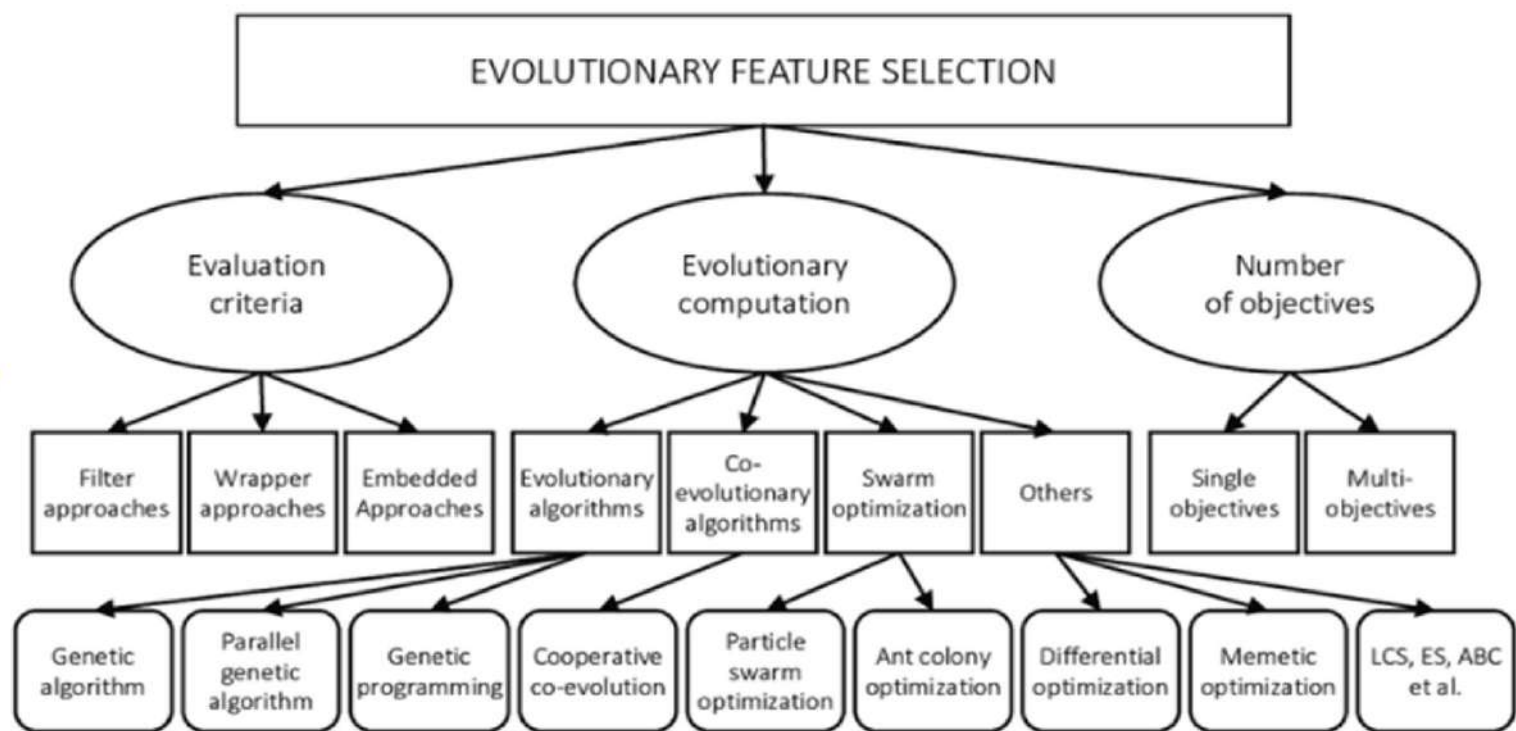
Evolutionary Algorithms: The Next Big Thing in creative AI and Machine Learning?

Evolutionary computation is experiencing a fast-growing popularity in the AI community. Just as deep learning has become so widely used among researchers at universities and companies worldwide, evolutionary algorithms have become a compelling next step towards a new, creative form of AI that can make autonomous decisions, adapt to a changing world, find non-obvious solutions to complex problems, and even assist in the creation of more advanced deep neural networks. With this in mind - could Evolution be the new Deep Learning?

Sentient interviewed a select group of notable experts in the field of AI to get their thoughts.

"AI has been very successful in the last few years at applying this supervised learning paradigm. A compelling next step is machine creativity, where we have machines discovering things we don't already know. Evolution is specifically designed to do just that," said Risto Miikkulainen, Chief Technology Officer at Sentient and Professor of Computer Science, University of Texas at Austin.

Evolutionary computation is also used in feature selection as shown in figure given below:



Overall categories of evolutionary computation for feature selection



Akshay Srivastava
IT (2017-2021) Batch,
Senior Software
Engineer,
Algoworks, Noida

I always wanted to be a successful person. But the road to success is a rocky one. You need solid guidance and support to reach there. IMSEC has been super supportive and incredibly instrumental in shaping my career. The time I spent in IMSEC has really taught me a lot for my successful life. I got chance to improve my skills which was very important part of my career. If you have dreams and are willing to trust your professors to help you achieve them, IMSEC is the place for you. I always feel very happy when it comes to talking about IMSEC. I love the curriculum, world-class infrastructure, environment, and other facilities that make you ready for the professional world. IMSEC has a beautiful campus and is an excellent place. I believe the facilities here are definitely amazing. There are nice arrangements for accommodation at the hostel with lots of food choices. The campus is ragging-free. I enjoy the rigorous lectures provided by our IT Department faculty members who are highly respectful figures. It is best in academics, extra-curricular activities, faculty members who keep motivating us in every manner for making us successful in life. Here's a small advice to my juniors who are currently in the path of this 4 years graduation program, Do your best. These years are the most precious years of your life, learn a lot, grow your skills and explore as you have best faculties to help you to get the gem out of you. All the best for your future endeavours !!



LIT DROPS



मैं फिर भी तुमको चाहूंगा



Vansh Tyagi
3rd Year IT-2

दिसंबर की सर्द शाम हो , बंद कमरे में यादों का साथ हो , रेडियो को प्यार की बात हो । भला ये समां किसे रास नहीं आएगा । मगर अमन के साथ कुछ और ही हो रहा था ; सब कुछ बिल्कुल ठीक चल रहा था मगर जैसे ही रेडियो पर "प्यार" शब्द का ज़िक्र हुआ अमन ने झटक कर रेडियो तोड़ दिया । इसका सीधा कारण यह था कि अब "प्यार" नाम से अमन का विश्वास उठ चुका था वह अमन जो प्यार को जीता था , अपनी अंतरात्मा को उसके अंतिम बिंदु तक महसूस करता था वह मन जिसने प्यार की इतनी परिभाषा गढ़ी थी वही हमें नाज प्यार सबसे नफरत करने लगा था । किसी ने बहुत सही कहा है कि "इतनी अक्ल तो बादाम खाने से भी नहीं आती जितनी की धोखा खाने से आती है" और अगर वह धोखा आपको प्यार में मिल जाए तो ज़हर भी आपको मीठा लगने लगेगा । हर प्यार की शुरुआत दोस्ती से होती है और एक ऐसी दोस्ती अमन और श्रेया की बीच भी कॉलेज के शुरुआती दौर में हो चुकी थी । फोन पर घंटों बातें करना , चैटिंग करना , कॉलेज में फुर्सत के हसीन पल गुजारना शायद इतना काफी है एक दोस्ती को गहरी दोस्ती में बदल देने के लिए । ठीक इसी तरह किसी फिल्म की तरह अमन और श्रेया की दोस्ती की नौका भावनाओं के समंदर की सैर कर रही थी । अब इसे दोस्ती कहें या फिर प्यार की पहली शुरुआत इस बात से अमन और श्रेया दोनों ही अपरिचित थे । शायद कहीं ना कहीं अमन , श्रेया के साथ अपनी आगे की ज़िंदगी के सुनहरे सपने बुन चुका था , तो वहीं दूसरी ओर श्रेया शायद अमन को सिर्फ एक अच्छे दोस्त की नज़र से ; नहीं शायद सिर्फ एक दोस्त की नज़र से देख रही थी या फिर वो भी नहीं !

क्योंकि दोस्ती का रंग अब कहीं गहरा हो रहा था तो वह था श्रेया और रोहन के बीच और इस बात की अमन को कोई भनक तक भी नहीं थी । संगमरमर कि सफेदी ओढ़े प्रेम का प्रतीक "ताजमहल" भला किसे पसंद नहीं होगा और प्यार का इज़हार करने के लिए शायद ही इससे नायाब तोहफा कोई और हो ! अमन फ़ैसला कर चुका था कि वो आज श्रेया से अपना दिल - ऐ - हाल बयां कर देगा । आम तौर पर कॉलेज में सिर्फ़ कैटीन ही एक ऐसी जगह होती है जहां सारी दुनिया भुला कर आप अपने साथी के साथ प्रेम का अनुभव कर सकते हों । मगर कैटीन में प्रवेश करते ही अमन के हाथ से कांच से सजा वो प्रेम का प्रतीक ज़मीन पर गिरकर चूरा हो गया । रोहन , श्रेया की जुल्फों के साथ खेलता हुआ उसकी आंखों के समंदर में गोते लगा रहा था । यह दृश्य देख अमन की आंखों से आहिस्ता आहिस्ता आंसू बहने लगे और वह स्तब्ध सा खड़ा रह गया । ज़मीन पर बिखरे उन कांच के टुकड़ों को तो गिनना आसान था , मगर जो टुकड़े अमन के दिल के होकर कहीं गिर गए थे उन्हें गिनना लगभग मुश्किल था । बड़े बुजुर्ग अक्सर एक बात कहा करते हैं कि "गलतफहमी को आपस में बैठकर सुलझा लेना ही जीवन को दोबारा सही पटरी पर लाने में मददगार होता है ।" यही तरीका अमन ने अपनाना उचित समझा और यकीनन सब कुछ पहले की ही तरह सामान्य होता चला गया । मगर ऐसा सिर्फ़ अमन को ही लग रहा था वास्तव में श्रेया की तरफ से उसे सिवा धोखे के और कुछ नहीं मिल रहा था । सब कुछ बिल्कुल ठीक हो चला है इसका विश्वास अमन को तब हुआ जब श्रेया दोबारा से अमन के साथ वक्त बिताने लगी मगर शायद यह तूफान आने से पहले का सन्नाटा था और यह सन्नाटा और यह साथ आगे कितना चलने वाला था इसका उत्तर सिर्फ़ श्रेया के पास था । समय के साथ अमन और श्रेया में दोबारा दूरियां बढ़ती चली गई और इस बार अगर नजदीकियां हुई तो वो थी विराज के साथ । अमन के लिए यह कोई नई बात नहीं थी । अमन अकसर खुद से एक सवाल किया करता था कि "आखिर ना जाने कौन गलत था ; मैं , वो या फिर वो वक्त जब हम मिले थे "और कुछ देर बाद उसका जवाब भी वह खुद ही ढूंढ लेता था "वक्त" । उसने कभी किसी चीज के लिए श्रेया को दोषी ठहराया ही नहीं आखिर वह उस से सच्चा प्यार जो करता था । इतना सब कुछ हो जाने के बाद भी श्रेया के प्रति उसका प्यार , उसका स्नेह और उसका लगाव जरा भी कम नहीं हुआ था बल्कि सहानुभूति भरा प्रेम कहीं अधिक ऊंचाइयों तक चढ़ चुका था । बस फर्क इतना हुआ था कि अब अमन प्यार की सभी पर पुरानी परिभाषाएं भूल चुका था और सिर्फ़ श्रेया के साथ बिताए कुछ हसीन पलों को और उसकी कुछ पुरानी यादों को जी कर उस प्रेम का एहसास कर लिया करता था ।



हर अंत नई शुरुआत है

हर अंत नई शुरुआत है

हर आरंभ का अंत सुनिश्चित, हर अंत नई शुरुआत है,
रात ढले तो आए सवेरा, साँझ ढले तो रात है।

ईश्वर ने जो चक्र बनाया, मानव उसको समझ न पाया,
क्यों पतझड़ के बाद बसंत, क्यों जेठ गए बरसात है?

हम सब करती, औ प्यादे, जिस घर चाहे खुदा चला दे, अगली चाल का
पता नहीं, कब शह मिले कब मात है?

सुख सहर्ष अपनाते हैं जब, क्यों देख दुख घबराते हैं तब?

सिक्के के दो पहलू अलग हो सकें, नामुमकिन ये बात है।

ठहर सका क्या कभी ये जीवन, पल पल हो रहा परिवर्तन, कल जिस
गली से उठी थी अर्थी, उसी से गुजरी आज बारात है।

DEEKSHA SRIVASTAVA
IT-1 (3rd year)



बचपन -ए-सफर

इस बेफिजूल जमाने से अब नाता नहीं,
घर से निकलता हूं लेकिन अब कुछ कमाता नहीं,
मंजिल की राह में अक्सर भटक जाता हूं,
लेकिन मैं मंजिल को कभी पाता नहीं।

खुद की गलतियों को खुद छुपा कर अक्सर बेईमान हो जाता हूं,
दूसरों का सम्मान करते करते खुद का सम्मान खो जाता हूं,
और कल सत्कार किया था किसी मेहमान का घर में,
अब अपने ही घर में खुद मेहमान हो जाता हूं।

बचपन में जवान होने की बात करता हूं,
जवान होकर बचपन को याद करता हूं,
रब के सामने बैठे कल लौटा दे मेरा,
ना जाने क्यों बेवकूफो वाली फरियाद करता हूं।

अब सुबह कोई जल्दी जगाने वाला नहीं,
रूठू भी तो क्या रूठू अब कोई मनाने वाला नहीं,
कितना कमाता हूं पूछते हैं सब,
मगर कैसा हूं ,किस हाल में हूं यह जानने वाला नहीं।

तो बस इतना कहना चाहूंगा,

इस जमाने को छोड़कर खुद के लिए जीना है,
कल की सुबह ना हो इस कदर मुझे सोना है,
और मौत तो बहाना है ,जीने के लिए यारों,
अब मौत को भी मुझे सीने से लगाना है।



आर्यन सिंह (IT,2nd year)

उम्मीद

जो बिछड़े है अपने कभी तो मिलेंगे,
सूनी पड़ी है ये डगर जिंदगी की
बहारो के गुलशन कभी तो खिलेंगे,
उम्मीद बस यही है कि
उदासी भरे दिन कभी तो ढलेंगे ।

ये पतझड़ का मौसम कभी तो थमेगा
जो बिछड़े है अपने कभी तो मिलेंगे,
मिलना बिछड़ना तो दस्तूर है साहब,
बेरंग सी जिंदगी मे फिर से जिंदगी भरेंगे ।

बढ़ाते चलो तुम कदम जिंदगी मे
राहो को मंजिल कभी तो मिलेंगी,
ईन पैरों के छाले कभी तो मिटेंगे,
ईन आँखों को रौशनी कभी तो मिलेंगे ।

दर्द के बादल कभी तो छाटेगे,
जो बिछड़े है अपने कभी तो मिलेंगे,
उदासी भरे दिन कभी तो ढलेंगे,
उदासी भरे दिन कभी तो ढलेंगे...

- जाह्नवी तिवारी
(2nd year)



खुदगर्ज



Shreya
Shukla
(2 year)

लफ़्ज़ात आज कल जज़्बातों को मेरे अब साथ नहीं रखते,
वो जिम्मेदारी तो बहुत रख देते हैं कंधों पे मगर हाथ नहीं रखते... !

ये कैसी पहेलीयां हर बार की बिना कहे जान ले,
वो दिल में बैचैनीया रख लेते हैं.. होठों पे बात नहीं रखते...!!

हाथों की तासीर ना जाने क्यूँ अब खफा सी है,
लिखते हैं मंज़िल बस इन थर्राते हाथों से अब सफर में कायनात नहीं लिखते.. !

और सिलसिले रु-ब-रु होने के बखूबी हैं वो कहते है, आँखें बंद करके जो दिखाई दे तारीखों
की उनसे मुलाकात नहीं रखते...!!

बड़ा तड़प कर बुल चिल्लाया था दया की खातिर,
अफ़सोस रोटी कमाते वक़्त ये दरिया दिल सैयाद नहीं रखते...!!

ये खौफ़ खुदा का नहीं मसला खुदगर्ज़ी का है,
निभाने वालो से मंज़ूर मौत भी... छोड़ जाने वालो की मगर खैरात नहीं रखते..!





तनुश्री महाल
(2 year)

हम हमेशा दोस्त रहेंगे

हर खुशी तकलीफ , साथ साथ जिया करते थे ,
हार हो या जीत एक दूसरे का साथ दिया करते थे ,
कभी तुम हमसे कभी हम तुमसे रूठ जाया करते थे ,
फिर हम तुम्हे और कभी तुम हमें माना लिया करते थे ,
एक दूसरे की हम खुद से ज्यादा परवाह किया करते थे ,
बस कल ही की बात लगती है।

हम तुम अपनी दोस्ती पर कितना इतराया करते थे ,

यकीन नहीं होता वक्त साथ हालात इतने बदल जायेंगे,
हम अपनी अपनी दुनिया में इस कदर खो जायेंगे,
एक दूसरे की जिंदगी में बस याद बनकर रह जायेंगे,
खैर हम ना तुमसे , ना जिंदगी से कोई शिकायत करेंगे
बस इस यकीन को हमेशा दिल में कायम रखेंगे
जब भी दिल से पुकारेंगे, तुम्हे अपने पास पाएंगे ।।।



-ऋषभ गोयल-
(2nd year)

क्यों नहीं माँ सारी दुनिया तेरी तरह!

अपनी आँखें बंद कर के देख,
लगेगा माँ ने तुझे आँचल में छुपाया है।
तू अपने आँसू पोंछ लेता है अब,
तेरे सर पे, माँ का जो साया है।
कहीं भी हो, कभी दूर होती है क्या?
तुझे सुलाने से पहले कभी सोती है
क्या?

क्या पता वो तेरे सपनों में आ जाए
माँ कहीं भी हो, अपने बच्चे से अलग
होती है क्या?



CURRENT AFFAIRS



The asteroid 1994 PC1 is to pass by earth on January 18, 2022. It was pass by at a distance of 1.2 million miles. This is five times the distance between moon and the earth. Therefore, the asteroid was not cause any harm to the earth. It is also known by the name "7482".

Azadi Ke Amrit Mahotsav means Festival of Independence. Swarnim Bharat ke Ore means towards Golden India. The programme is "Azadi ke Amrit to Golden India". The programme began on January 20, 2022. It was started by PM Modi. About the programme It marks the yearlong celebrations of azadi ke amrit dedicated by the Brahma kumaris.



The Border Security Force, BSF launches Operation Sard Hawa. Under the operation, the BSF increases the surveillance in the Pakistan border. It is usually launched in the Rajasthan border, especially in the Jaisalmer region. It is a regular annual exercise. It is launched in the month of January. About the operation The Operation Sard Hawa .

Reserve Bank of India (RBI) conducted a variable rate repo operation on January 20, 2022 for infusing liquidity, instead of using variable rate reverse repo operations (VRRR) to suck out cash. Highlights This measure was taken because larger goods and services tax (GST) collection tightened liquidity recently. RBI has proposed to lend the banking system ..



A group of scientists recently discovered a new planet. The planet is of the size of Jupiter. The new planet is 379 light years away from the earth. It is 105 times denser than the earth. The planet is named TOI-2180 b. About the planet It takes 261 days for the planet to orbit its .



The Government of India recently proposed to change the rules of appointing IAS officers. What are the changes? How are the officers appointed currently? Why were the rules changed? Why were the changes proposed? The changes were proposed by the Ministry of Personnel and Training on behalf of the Government of India. The ministry has ..





DEPARTMENT NEWS




Departmental News

1. Special talk on “Digital Transformation”

A Special Talk was organized by Information technology Department in Collaboration with MBA Department on “Digital Transformation” on 20-11-2021. The talk was delivered by Mr. Dipankar Sen Sharma.

SPECIAL TALK ON
DIGITAL
TRANSFORMATION

Jointly Being Organised by
Department of Information Technology
&
MBA
IMS Engineering College, Ghaziabad




SPEAKER
Mr Deepankar Sen Sharma
Vice President (Products),
IndusInd Bank

20
November 2021

Google Meet
10:00 AM onwards

Participants will get
Participation Certificate!!



IMS Engineering College, Ghaziabad
NAAC Accredited with 'A' Grade
Approved by AICTE, New Delhi & Affiliated to Dr. A.P.J. Abdul Kalam
Technical University, Lucknow UP

2. Special Talk on “Innovation & Advancements in Network Security”

A Special Talk was organized by Information technology Department on “Innovation & Advancements in Network Security” in Collaboration with Department of Computer Science and Department of Computer Science and Engineering on 15-12-2021 for 2nd year Engineering students. The talk was delivered by Dr. Ravinder Talwar, Scientist-F, NIC Delhi.



The poster is for a Special Talk on "Innovation & Advancements in Network Security" held at IMS Engineering College, Ghaziabad. It features the college's logo on the top left and the Institution's Innovation Council logo on the top right. The text is centered and includes the speaker's name, Dr. Yoginder Talwar, and the organizers: Department of Computer Science, Department of Computer Science & Engineering, and Department of Information Technology. The date, timing, and venue are listed at the bottom, along with the participants: 2nd Year Engineering Students.

IMS ENGINEERING COLLEGE

**Special Talk
on
INNOVATION & ADVANCEMENTS IN NETWORK SECURITY**

By
Dr. Yoginder Talwar, Scientist-F, NIC, Delhi

Organizers:
Department of Computer Science
Department of Computer Science & Engineering
Department of Information Technology


Date : 15 December 2021
Timing : 11AM
Venue : Academic Block C, Auditorium

Participants: 2nd Year Engineering Students



3. Webinar on “Innovation in Banking Strategy by Digital Transformation”

A Webinar on “Innovation in Banking Strategy by Digital Transformation” was organized by Department of Information Technology in collaboration with CSE,CS,EC and Institution Innovation Council on 8 January 2022. The talk was delivered by Mr. Dipankar Sen Sharma.




IMS Engineering College, Ghaziabad
NAAC Accredited with 'A' Grade
Approved by AICTE, New Delhi & Affiliated to Dr. A.P.J. Abdul Kalam
Technical University, Lucknow UP

**A
Webinar
On**

“Innovation in Banking Strategy by Digital Transformation”

Jointly Being Organized by
Department of CSE,CS,IT,EC
&
Institution Innovation Council

Registration Link -
<https://qrگو.page.link/id8x7>




Mr. Dipankar Sen Sharma
Vice President (Products), IndusInd Bank

Date : 08 January 2022
11.00AM Onwards


IMS Engineering College
NH-24, Adhyatmik Nagar, Ghaziabad-201015
Toll Free: 18001028393, Landline: +91-1204940000, Web: www.imsec.ac.in

4. Special Talk on “Outcome Based Education System & Attainment Computation Process”.

A Special Talk was organized by Information technology Department on “Outcome Based Education System & Attainment Computation Process” by Dr HS Guruprasad on 22-01-2022.



**IMS ENGINEERING COLLEGE
GHAZIABAD**



Special Talk on
**Outcome Based Education System &
Attainment Computation Process**
By Dr H S Guruprasad
Professor & Dean, BMS College
of Engineering, Bangalore.

Date: 22-01-2022
Time: 3PM

www.imsec.ac.in

Participation of IT-Faculty in FDP/STC/Conference:

1) Ms. Shilpa Singhal : Participated in ISEA-II sponsored One-Week Short Term Course (16 December to 20 December 2021) on "Cyber Forensic and Information Security", organised by Dr B R Ambedkar National Institute of Technology Jalandhar.

2) Ms. Shilpa Singhal : Participated in five days FDP (3 January to 7 January 2022) on "Computer System Design" organised by IIT Tirupati.

3) Ms. Shilpa Singhal : Participated in five days FDP (10 January to 14 January 2022) on "Wireless Sensor Networks and IoT" organised by Delhi Technological University.

4) Dr. Suneet Shukla : Participated in five days FDP (17 January to 21 January 2022) on "ROLE OF SMART CITIES IN SOCIETY 5.0" organised by JSS Academy of Technical Education, Noida.

5) Mr. Pavan Sharma : Participated in five days FDP (17 January to 21 January 2022) on "ROLE OF SMART CITIES IN SOCIETY 5.0" organised by JSS Academy of Technical Education, Noida.

6) Mr. Updesh Kumar Jaiswal : Participated in an INTERNATIONAL CONFERENCE on "INFUSIVE COMPETITIVENESS IN INDIAN MSMES" (4 December to 5 December 2021) organised by Entrepreneurship Development Institute of India (EDII), Ahmedabad, and sponsored by the Ministry of Micro, Small and Medium Enterprises, Government of India.

7) Dr Upasana Pandey : Participated in five days FDP (13 December to 17 December 2021) on "Deep Learning" organised by Indian Institute of Information Technology, Vadodara.



Placement 2022

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B.Tech
(INFORMATION TECHNOLOGY)
Placement - 2022

FULL NAME	ENROLLMENT NO.	NAME OF EMPLOYER
Aakash Vishwakarma	1814313001	CEDCOSS, Pheuture Studio.
Aastha Garg	1814313002	Genpact
Ayushi	1814313003	TCS, WIPRO
Abhimanyu Yadav	1814313004	Genpact
Adarsh Shukla	1814313007	Valuecoders LLP
Akriti Singh	1814313009	WIPRO, Hitachi Vantara
Akshita Trivedi	1814313010	WIPRO, All e technoogies
Aman Garg	1814313011	Mobiloitte.
Aman Shandilya	1814313012	WIPRO, MothersonSumilInfotech& Designs Limited
Anant Gupta	1814313015	MothersonSumilInfotech& Designs Limited, HCL Technologies.
Anshita Goel	1814313023	NEC Corporation, QA Infotech, WIPRO
Anubhav Singh	1814313024	WIPRO

Arjun sahu	1814313025	Mobiloitte.
Ayush Gupta	1814313027	WIPRO
Ayush Agarwal	1814313028	Nucleus Software
Ayush Sharma	1814313029	WIPRO
Ayushi Srivastava	1814313031	WIPRO, Hexaware Technologies, Nagarro.
Chandan Kumar Singh	1814313032	WIPRO
Daksh Singhal	1814313033	Genpact
Devanshi Srivastava	1814313034	Nucleus Software, WIPRO
DivyanshuSaxena	1814313035	NEC Corporation
Abhishray Gangwar	1814313036	WIPRO, All e technoogies
Geetanjali Tripathi	1814313037	WIPRO, Hitachi Vantara.
Himanshu Chauhan	1814313041	TCS, MothersonSumilInfotech& Designs Limited

Ishika Mittal	1814313042	Colaborar Labs, WIPRO, Accolite Digital India Pvt. Ltd., Sopra Banking Software, Nagarro.
Ishita Roy Chaudhary	1814313043	Nucleus Software
Jitin Kumar	1814313044	Xceedance.
Khushi Srivastava	1814313048	Nucleus Software, WIPRO
KomalKumari	1814313049	WIPRO
Kunal	1814313050	WIPRO
LoveshRajpoot	1814313052	Genpact
Manas Agarwal	1814313054	WIPRO, Motherson SumilInfotech& Designs Limited
Mansi Chauhan	1814313055	TCS, WIPRO
Mukul Aggarwal	1814313060	TCS
Narendra Kumar	1814313062	Algoworks, Mobiloitte.
NayanDhawan	1814313063	QA Infotech, WIPRO
Niharika Gaur	1814313064	TCS

Nimeesha Rana	1814313065	WIPRO
Om Bhaisora	1814313068	NetProphetsCyberworks Private Limited
Pankaj Kaushik	1814313069	Mobiloitte.
Pragati Gupta	1814313072	Xceedance, Mobiloitte.
Pratham Pundir	1814313075	WIPRO, Motherson Sumi Infotech& Designs Limited
Priyanshi Saxena	1814313076	India Today Group.
Rahul Gandhi	1814313079	Nucleus Software, WIPRO
Rajat Kumar	1814313081	Nucleus Software
Rajdeep Srivastava	1814313082	NEC Corporation
Ram Narayan	1814313083	Nucleus Software, TCS, WIPRO
Rishu Yadav	1814313084	WIPRO, Nagarro.
Ritesh Garg	1814313085	QA Infotech, WIPRO

Saksham Maheshwari	1814313088	Genpact
Sakshi Singh	1814313089	Genpact
Samyank Jain	1814313090	Nucleus Software
Sanjay Bharti	1814313091	NetProphets Cyberworks Private Limited
Saral Vats	1814313093	Mobiloitte, Genpact
Saumya Agarwal	1814313095	NEC Corporation, WIPRO
Shaurya Mishra	1814313100	Xoriant Solutions Pvt Ltd.
Shivamkumar	1814313103	Mobiloitte.
Shivam Mishra	1814313104	TCS
Shrishti Tiwari	1814313107	Nucleus Software
Shubhangi Mishra	1814313109	Birlasoft
Siddharth Agarwal	1814313110	WIPRO, Nagarro, Motherson Sumi Infotech& Designs Limited
Simran Singh	1814313111	NEC Corporation, WIPRO

Sonali Srivastava	1814313112	Mobiloitte, Genpact
Srasti Sachan	1814313113	JK Tech.
Suraj Sharma	1814313114	WIPRO
Suyash Singhal	1814313115	WIPRO
Urmis	1814313117	NEC Corporation, WIPRO, Nagarro.
Vikash Kumar	1814313121	Algoworks
Vishwas Aggarwal	1814313123	WIPRO, Motherson Sumi Infotech& Designs Limited, Xoriant Solutions Pvt Ltd.
Yashi Thakur	1814313125	TCS

STUDENT'S OPINION





Ishika Mittal

4th Year IT-1

Placement season is round the corner and every 4th year individual is trying their best to get placed in top MNCs possible. And amidst this, our IT department along with the CDC is trying their best to place every final year student.

Moreover, I feel delighted to express my gratitude towards my department's effort as they have been with me through all the thick and thin and have guided me in this entire journey, starting right from helping me curate my resume to giving me opportunities for appearing in various placement drives.

Likewise, I had my mentors as well as friends who have guided me well and supported me this entire journey.

This entire 4th year journey uptill now has been a roller coaster ride for every student with various ups and downs. On this note i would like to wish everyone with luck and abundance for their future endeavours.



Vansh Tyagi

3rd Year IT-2

किसी सफर को तय करने का असली आनंद तब आता है जब उस सफर में आपको कोई ऐसा साथी मिल जाए जो आपके सफर को और भी हसीन बना दे और ये तभी मुमकिन हो पाता है जब आप दोनों ही एक दूसरे के लिए पूर्ण रूप से समर्पित हो। जिंदगी भी एक सफर ही है और कॉलेज उस सफर का एक ऐसा पड़ाव है जहां आपको बहुत कुछ सीखने को मिलता है। यदि कॉलेज प्रबंधन समिति, शिक्षक वर्ग आपको हर क्षेत्र में उन्नति की राह में चलने के लिए प्रेरित करें। ऐसा ही माहौल IMSEC ने मुझे गत 3 वर्षों में प्रदान किया। जैसा की आप सभी मेरी लेखन शैली से अवगत हैं, तो IMSEC ने मुझे मेरी इस शैली को और अधिक निखारने का सुअवसर प्रदान कराया। समय समय पर मेरे लेखों को अपनी पत्रिका में प्रकाशित कर मुझे प्रोत्साहित भी किया जिसका पूर्ण श्रेय कॉलेज प्रबंधन समिति को जाता है। ये मेरा सौभाग्य है कि IMSEC जैसे संस्थान में मुझे अपनी उच्च शिक्षा ग्रहण करने का अवसर प्राप्त हुआ। ये एक उदाहरण है ऐसी मानसिकता वाले लोगों के लिए जो सिर्फ किताबी या अभियांत्रिकी ज्ञान को ही सर्वोपरि मानते हैं। किताबी ज्ञान जितना महत्व रखता है उतना ही महत्व रखता है आपका कौशल विकास। कौशल विकास के साथ ही IMSEC में किताबी ज्ञान भी उच्च श्रेणी का प्रदान कराया जाता है उसी का उदाहरण है मेरा प्रथम वर्ष का परिणाम। अपनी स्कूली शिक्षा हिंदी माध्यम से होने पर भी मैंने प्रथम वर्ष में 8.2 SGPA अंक प्राप्त कर कॉलेज तथा अपने परिवार को गर्व की अनुभूति कराई और ये सब सफल हो पाया कॉलेज के शिक्षण वर्ग के कठिन परिश्रम से, यहां की उन्नत प्रयोगशाला से और सब से मुख्य यहां के पुस्तकालय की ज्ञान वर्धक किताबों से। जो सीधे - सीधे इस ओर इशारा करता है कि IMSEC एक विद्यार्थी का सर्वांगीण विकास करने में पूर्ण रूप से सक्षम है जिसका साक्षात् उदाहरण मैं स्वयं हूं जो शिक्षा क्षेत्र के साथ साथ अन्य क्षेत्रों में भी सफलता प्राप्त कर कॉलेज को तथा अपने परिवार को गर्व की अनुभूति कराता रहता हूं।



Milan Mohan Ekanna

2nd Year IT-2

"There is no elevator to success you have to take stairs"

College life is one of the most remarkable and lovable times of an individual's life. College is considered a bridge between our school days and career. It acts as a transition to prepare us to be more independent. As a sophomore in IMSEC I am grateful for the faculties who always encourages and guides us. A big lesson I've learned from my college is to concentrate on doing the right things instead of a bunch of things. IMSEC teaches us many things and builds our confidence to face challenges and struggles. Instead of just focusing on the study, IMSEC emphasizes the need for students to participate in other activities and socialize as much as possible in order to further their personal development. Chakravayuh, Techfest, Sangram are a few of the events in which students participate. Throughout this process, the most important thing is to be an inspiration rather than looking for one.

I look forward for the support and encouragement from my faculty members. I am grateful to be a part of IMSEC

Thank you.



Shreya Shukla

2nd Year IT-2

I was looking for a good private college with a good engineering program, good education standards, and good placement. I came to know about the IMSEC during my research. IMSEC is popular for its engineering program and good faculty ratio and standards. The college perfectly fits according to my preference and to be part of the college.

The college has excellent staff. They all are experienced and skilled in their fields. The faculty is very understanding, supportive, and cooperative. They have got wonderful teaching skills.

Books are provided by the college library. Classroom conditions are good and enough ventilated. Sports and extra-curricular activities are good and there is a separate society for sports in college. For every extra-curricular activity, there are different societies and clubs run by students.

The college environment is too good, a big campus with soothing air. The college is located in an area a little bit away from the chaos of the city in a good location with wonderful architecture. It has various activities room like a gym room with various games, and a music room with a variety of instruments and faculty to teach it.

There are so many events like DJ Night, VIBGYOR, Technovation Fresher's party etc. there are so many amenities some of them are art facility, and library, etc there are so sports which we play on sports club like table tennis, football and much more the groups, the clubs are viz, theatre, music, etc are run by students.



Raghav Singhal

2nd Year IT-2

We all know that college life is one of the best experience that a person can have in his/her life. It give us most memorable year of our life. Here we get a chance to explore ourself and IMS Engineering College provide us an environment to grow and experience those things which make us a better person at both level professional as well as personal level .

It is a well known fact that our college is one of the best colleges and have some of the remarkable achievement at state and national level. One of the best thing about our college that it provide us best teacher who are so supportive always encourage us to innovate new things and guide us for becoming a better version of ourself.

I am in 2nd year so it's just starting for me to exploring myself and I am sure that our college always provide me the path to becoming my new and better version.

Thank you...

UPCOMING EVENTS

Leadership vision for product Marketers: 3 Emerging Trends.

<https://www.gartner.com/en/webinars/4009725/gartner-2022-leadership-vision-for-product-marketers-3-emerging-trends>.

Date:- 7 February,2022 Time:- 7:30 a.m IST

Finance Technology Innovations for 2022.

<https://www.gartner.com/en/webinars/4009824/finance-technology-innovations-for-2022>

Date:- 14 February,2022 Time:-9:30 p.m IST

Top 2022 Data & Analytics Concerns for Global Enterprises

<https://www.gartner.com/en/webinars/4010603/ask-the-expert-top-2022-data-analytics-concerns-for-global-enterprises>

Date:- 25 February,2022 Time:- 8:30 p.m IST

Reignite Your Innovation Process to Turn Great Ideas Into Real Value

<https://www.gartner.com/en/webinars/4010826/reignite-your-innovation-process-to-turn-great-ideas-into-real-value>

Date:-3 March,2022 Time:- 8:30 p.m IST



GEMS OF IMSEC

**DEPARTMENT OF INFORMATION
TECHNOLOGY**



IMS ENGINEERING COLLEGE

DEPARTMENT OF INFORMATION TECHNOLOGY

UNIVERSITY RANK HOLDERS

SR NO	NAME	BATCH	UNIVERSITY RANK	PHOTO
1.	Aakash Bhutaani	2009	1 st (gold medal)	
2.	Sheena Hora	2014	4 th	
3.	Shivangi Goswami	2017	5 th	
4.	Shivam Shukla	2020	9 th	
5.	Kajal Khanna	2021	3 rd (bronze medal)	



IMS ENGINEERING COLLEGE
DEPARTMENT OF INFORMATION TECHNOLOGY
UNIVERSITY RANK HOLDERS

SR NO	NAME	BATCH	UNIVERSITY RANK	PHOTO
6.	Palak Kapoor	2021	8 th	
7.	Shraddha katiyar	2021	9 th	



Brainstormer

Trivia!

QUESTIONS

1. Who is known as the -Father of AI ?
2. If a robot is able to change its own trajectory as per the external conditions, then the robot is considered as the ?
3. A technique that was developed to determine whether a machine could or could not demonstrate the artificial intelligence known as the ?
4. Which algorithm is used in the Game tree to make decisions of Win/Lose?
5. Which rule is applied for the Simple reflex agent?
6. Which agent deals with the happy and unhappy state?
7. Which term describes the common-sense of the judgmental part of problem-solving?
8. Which AI technique enables the computers to understand the associations and relationships between objects and events?
9. Automatic Reasoning tool is used in ?
10. If according to the hypothesis, the result should be positive, but in fact it is negative, then it is known as ?

ANSWERS

1. John McCarthy
2. Intelligent
3. Turing Test
4. Min/Max algorithm
5. Condition-action rule
6. Utility-based agent
7. Heuristic
8. Pattern Matching
9. LISP Machines
10. False Positive Hypothesis

THANK YOU

Send Your Articles At
itanium@imsec.ac.in

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Lucknow**

