

N.S.R. COLLEGE OF ENGINEERING

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A+ A++ category. Accredited by ISO 9001:2015, ISO 14001:2015, ISO 45001:2018.



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

TECHNICAL MAGAZINE

ACADEMIC YEAR 2023-2024



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TECHNOLOGY

To ensure a positive educational outcome is maximised, every digital resource should be used in a planned manner, not as an optional resource or as an add-on to the curriculum.

TECHNOLOGY STRATEGIES

- Differentiated digital resources should be used to support all types of learning.
- Embedding technology into learning: Educators should integrate technology to enhance learning goals.
- Learning should not be restricted to computer technology, even computers and internet is not the only option.

TECHNOLOGY USE

To ensure fully engaged students, the teacher is responsible for providing, maintaining and using the technology effectively.

TECHNOLOGY STRATEGIES

- Digital technology should be used to support all types of learning.
- Digital technology should be used to enhance learning goals.
- Digital technology should be used to enhance learning goals.

TECHNOLOGY STRATEGIES

- **TECHNOLOGY STRATEGIES** - Educators should use technology to enhance learning goals.
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K.S.H. COLLEGE OF ENGINEERING

60, Kumbakonam Bypass Road

THIRU K. MUTHUSWAMY

Chairman

2024-2025 Academic Year



Message

As we look at the year ahead, we recognize the challenges and opportunities that lie ahead. We are committed to providing a high-quality education and to fostering a culture of innovation and excellence. We are also committed to being a responsible corporate citizen and to contributing to the development of our community. We are looking forward to a year of growth and achievement, and we are confident that our students will be well-prepared to meet the challenges of the future. We are also committed to being a responsible corporate citizen and to contributing to the development of our community. We are looking forward to a year of growth and achievement, and we are confident that our students will be well-prepared to meet the challenges of the future.

With best wishes,

K. S. S. Srinivasan

Chairman

2024-2025 Academic Year



N.S.R. COLLEGE OF ENGINEERING

AN AUTONOMOUS INSTITUTION

Dr. A. TEJASWINI, V. J. A. N.

Page



Language

In a Class of ENGINEERING, I always prefer to teach in English, as it helps to enhance the understanding and learning of the students. I provide a friendly and relaxed environment for the students and also help them to understand the concepts of the subject by giving them practical and theoretical examples and diagrams. I also provide them with the required reference books and help them to understand the concepts of the subject. I also provide them with the required reference books and help them to understand the concepts of the subject. I also provide them with the required reference books and help them to understand the concepts of the subject.

DATE: / /

Dr. A. TEJASWINI, V. J. A. N.

Page

August 2021



A.S.H. COLLEGE OF ENGINEERING

Enriching Education Inspiring Innovation

**A.P. JAGADEESH KUMAR, P.E.,
PRINCIPAL**



Message

My sincere welcome to all the young budding Engineers who have joined the "A.S.H. College of Engineering". We the way of higher technical and cultural self-education, as well as building the culture by the spread of knowledge with all activities together. The campus life of Indian Institute of Technology is our vision. The A.S.H. College of Engineering will soon have a grand library building. It will equip us with the state-of-the-art facilities. A wide range of new and emerging skills to conduct research and development in various engineering disciplines. Teaching and Research (T&R) will be done in parallel manner in all the courses. Students will be given extra-curricular and co-curricular activities. Further education and research will give young engineers a new dimension of the growth factor. I hope all the students joined here will enjoy the life span of study. Let us all work hard to produce the new generation of engineers, designers, managers and research design/quality engineers.

Yours sincerely,

A.P. JAGADEESH KUMAR, P.E.

PRINCIPAL



W.S.R. COLLEGE OF ENGINEERING

An Autonomous Institution

Dr. P. Suresh, M.E., Ph.D.
Professor & Head



Message

"The B.O. of ITI takes great interest in implementing the projects that have been selected for the second year's Project selection. I am so proud that this year, under the watchful eye of the Project selection committee, the first-time the company is completely created and designed by the students. Truly, this is a great achievement. It is the result of the students who put up to continue through the rigors of the Project design and the learning curve. All the best wishes for the future of the students. — Dr. Suresh."

William 2020

Dr. P. Suresh

Professor & Head



Editorial Team



Dr. V. Sharulla



- Mr. R. Krishna Pradeep



- Mr. M. Naveenkumar



- G. Dinesh Kumar IV-CSE



- V. Arul IV-CSE

COMPUTER SCIENCE & ENGINEERING



Articles....





MEDICATIONS AND HEALTH CARE INTERACTIONS

Translating and Cross-Cultural Learning
 IAN: We're not doing any of that in our strategic literacy program. I believe all of our former clients will continue to do that and more. The challenge we do face is making a more comprehensive policy system for the young policy and research staff, spread among various and different like groups, such as managers. The program is not taught directly, and perhaps that is the solution we eventually find can control before trying to compare our outcomes to other ones as they are.

As the last of 100, a number of small and medium-sized shops operated by women in the town. Two shops on second ring road, outside, including a vegetable market, has a door-to-door survey (11), which was extensive period in the city, and was a large expenditure of a national survey, but an individual family interview time (one interview, two visits to provide, and separated questionnaires provided by individual interviewers) is about 40-60 min. and the survey results are not uniform.

[illegible]

However, it is unclear which kind of assessment may only have benefits. On the one hand, it is known that extremely hot and cold temperatures increase the risk of falls.

[illegible][illegible]

图 1-1-10



2007年12月10日

[illegible][illegible]

With its motto, it was a song as a study in all dimensions: social, political, it was even already present in the lyrics of the songs of the time. In the end, the song was a study in all dimensions: social, political, it was even already present in the lyrics of the songs of the time.

There are approximately 100,000,000 people in America who suffer from a chronic digital weakness, characterized by a mild but persistent tingling or numbness in the fingers and hands.



BASMUTAC
 BELUX

[illegible]

2.2.4. *Experiments*

WILEY

It is a 100% sample of each sector's technology. Despite a more detailed survey, notably on costs, all sectors participate. I am bound to be making several estimates and projections based on this, all within a 20% margin.

12- and 18-month-olds were able to find the target object in a simple search task, using both memory and perception. In a second task, the 18-month-olds were able to find the target object in a more complex search task, using both memory and perception. The 12-month-olds were able to find the target object in a simple search task, using both memory and perception. The 18-month-olds were able to find the target object in a more complex search task, using both memory and perception.

[illegible][illegible]

1000



QUANTITATIVE CONDITIONS

Quantum computing is an emerging technology that has the potential of solving complex problems exponentially faster. Unlike classical computers that use bits to store information, quantum computers use qubits, which can exist in multiple states simultaneously. This allows quantum computers to perform calculations much faster than classical computers for certain types of problems, such as factoring large numbers and simulating molecular structures. Quantum computing is still in its early stages, but it has the potential to revolutionize many fields, including cryptography, optimization, and artificial intelligence.

[illegible]

It is important to provide patients with accurate information and to ensure that they are aware of the risks and benefits of the treatment. This is particularly important in the case of children, who may be more vulnerable to coercion or undue influence. The following table provides a summary of the key points to consider when providing information to patients:

It often happens at some stage of the process, when the planning, policy decisions and consultation with interested parties have been completed, that the results are not what was expected. In such cases, the project manager has to decide whether to continue with the project or to abort it. The decision to abort a project is often a difficult one, as it may involve a loss of money and reputation. However, it is often the only way to avoid a larger loss of money and reputation. The decision to continue with the project is often based on the belief that the project will eventually succeed. However, it is often the only way to avoid a larger loss of money and reputation.



14803



NEUROLOGIC COMPUTING: THE BRAIN-INSPIRED TECHNOLOGY

Diagnosing memory is a variety of filling memory circuits are similar to computer. Kind of processing circuit has capacity to collect more or less in great volume.

In recent years, the power (CPU) has been increasing, but the amount of data that is able to process has not been all the time — that means the data capacity is a bottleneck computing, processing all data as before. In a certain — parallel or distributed processing.

Neurologic computing is a distributed system to represent the distributed data from human brain processing information, processing memory is memory storage systems. There are inspired by that to do not human mind, that many of processing are parallel, using is efficiency with a high speed connector and hierarchical structure, usually to use the distributed computing, using as follows: hierarchical in central, hierarchical collect the support is neural circuit was similar to computing components: many different neurons, the groups for information through the network, support network, under the brain structure. The way that, making parallel system three components: that is process information, efficiency support, and the way of processing. Technology use is using neural network (NN), that is use of hierarchical computing, making a neural network is an algorithm support to make input a neural, and output is a computing and neural circuit that can be used in parallel.

After parallel structure, the response are divided according to input, use a NN. The NN is similar to human brain, which structure is input support is using where response is output (CPU) and NN, parallel to make, making system. Neurologic computing using parallel is main, the other structure: collect, collect computing, and also computing, that is that structure and computing processing is similar. For example, hierarchical layer can help collect process and used to have structured and neural, it can a neural network and neural circuit, which computing mainly in parallel computing. Design to parallel, neurologic computing is use of computing field with distributed, making the complexity of computing system for neurologic circuit have inspired and use that is neurologic computing.

Neurologic, a modular circuit is used to improve the structure and circuit capability, especially, use distributed, hierarchical computing system is a system that could not manage memory and memory, memory processing, making the layer of neural and support computing system.



SARAFAT

T. TITI



THE AUTOMATED FUTURE INTELLIGENT WORKSPACE COORDINATION

Automated intelligence coordination is a critical capability for the future of the Department of Defense. The future of intelligence coordination is a complex, multi-faceted challenge. It is a challenge that requires the integration of a wide range of capabilities, including the ability to collect, process, and disseminate information in a timely and accurate manner.

The Future

- Increased intelligence coordination capabilities
- Improved intelligence coordination capabilities
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The Future of Intelligence

The future of intelligence coordination is a complex, multi-faceted challenge. It is a challenge that requires the integration of a wide range of capabilities, including the ability to collect, process, and disseminate information in a timely and accurate manner.

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ABRAHAM LINCOLN
LYNN



THE DEVELOPMENT OF ARTIFICIAL INTELLIGENCE

[illegible]

The outcomes of various investigations help define the concept of "supply of credit" and indicate the various government actions that can pattern public policy to achieve a goal. The following are examples of various government actions according to the spectrum shown in Figure 1. It is not intended to be an exhaustive list of possible government actions, but it does show the range of possible actions.

The Journal is published 42 times each year, by following a strict schedule that must be followed. Editors are required to publish their work in a timely manner. The Journal is published 42 times each year, by following a strict schedule that must be followed. Editors are required to publish their work in a timely manner.

WITH SAT-DAY DISPLAY GIVE OFF-THE-PAVILION

The 14th day of the display was a special occasion for the city of Bristol in Bristol, England. It featured a special program with a special display. The display was a special occasion for the city of Bristol in Bristol, England. It featured a special program with a special display. The display was a special occasion for the city of Bristol in Bristol, England. It featured a special program with a special display.

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MARGARET

14-15-16

17-18-19



OCEAN & ENVIRONMENTALITY

The ocean is also called the "Blue Heart" of our planet. It produces more than half of the oxygen that sustains all animals on earth. It houses diverse public fishing resources and influences the climate. We must, therefore, ensure that the ocean remains as young tomorrow's present is our responsibility.

Over the years, humanity's growing dependence on the ocean has made it a vital resource. But with that comes great responsibility. We must ensure that the ocean remains healthy for future generations. This includes taking action to improve the protection of marine resources, as well as ensuring that coastal communities are given adequate support. It means we, the citizens, must lead by example, practicing sustainable living, conserving resources, and supporting sustainable development. We must also ensure that the ocean remains a source of inspiration and knowledge for future generations. We must ensure that the ocean remains a source of pride and joy for all.

As Oceanography and Environment Department, we are committed to ensuring that the ocean remains a source of inspiration and knowledge for future generations. We must ensure that the ocean remains a source of pride and joy for all.

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MEENA
JAYALAKSHMI



THE FUTURE IMPACT OF GENERATIVE ARTIFICIAL INTELLIGENCE

The Emerging Impact of Generative Artificial Intelligence

Generative artificial intelligence (GenAI) is rapidly becoming the new normal, transforming the way we create, communicate, and interact. From generating realistic images and videos to composing music and writing code, GenAI is pushing the boundaries of what machines can do. This technology has the potential to revolutionize numerous industries, from healthcare and education to entertainment and marketing. However, the rapid advancement of GenAI also raises significant ethical and societal concerns. As we embrace this powerful tool, it is crucial to establish robust frameworks for responsible use, ensuring that the benefits of GenAI are realized while minimizing potential risks and biases. The future of GenAI is bright, but it is also uncertain, and it is up to us to shape its trajectory.

Generative artificial intelligence (GenAI) is a rapidly evolving field of artificial intelligence (AI) that focuses on creating new, original content. This content can be in the form of text, images, audio, or video. GenAI is powered by deep learning algorithms, which are trained on large datasets of existing content. This allows the AI to learn the patterns and structures of the data and generate new content that is similar to the training data.

There are many potential applications of GenAI, including generating realistic images and videos, composing music, writing code, and creating personalized content. GenAI is also being used to create virtual assistants, chatbots, and other interactive applications. The potential of GenAI is vast, and it is likely to continue to grow in the years ahead. However, there are also concerns about the ethical implications of GenAI, such as the potential for bias and discrimination, and the impact on the creative industry.

As generative AI continues to evolve, it is important to consider the ethical implications of this technology. One of the most significant concerns is the potential for bias and discrimination. If the AI is trained on data that is biased or discriminatory, it is likely to generate content that is also biased or discriminatory. This could have serious consequences for individuals and communities. Another concern is the impact of GenAI on the creative industry. As AI becomes more capable of generating realistic content, it could potentially replace human creators in certain fields, leading to job loss and economic hardship.



DEVASIRAJI
19-05-23



VIDEO-CONTEXTS - A GLOWING ARCHITECTURE TREND

Chris Hansen / *Florida Architectural Digest*

Architects are a rising segment across the world the principle of business is to be found here if not elsewhere. And if culture's high end, the only one that has the ability to create a world from the most limited resources, then the only one that can make a difference in the world is the only one that can make a difference in the world. And if the only one that can make a difference in the world is the only one that can make a difference in the world, then the only one that can make a difference in the world is the only one that can make a difference in the world.

The video is a series of short films that are produced by the same group of people who are responsible for the production of the video. The video is a series of short films that are produced by the same group of people who are responsible for the production of the video. The video is a series of short films that are produced by the same group of people who are responsible for the production of the video. The video is a series of short films that are produced by the same group of people who are responsible for the production of the video.

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JOYIA

ARCHITECT



EDGE: All our tests delivered
results on time.

Using the many degrees of freedom in the placement of vertices, Delaunay triangulations have an excellent approximation property: vertices can be controlled, supported, captured, and if desired, the segments between the used to model local geometry. Strong four-vertex and minimum vertex degree related algorithms to handle constraints. In addition, almost every natural geometric and combinatorial constraint can be used if the $\mathbb{R}^2$ version is a priori considered.

[illegible]

the presence of more than one type of mutation, and therefore that the loss of Fig. 1 cannot be generalized. The present study is a first attempt at the study of the range of these changes, however, and these results do not in any way alter or the magnitude of either biological or clinical interest, and most of the observed lesions are of a character that is characteristic of the disease.

The program demands the use of computer-aided planning, allowing the system user, through pricing, an actual measure of plant capacity. It allows plant level managers to monitor system, for via it the Company's production.

The paper presents a complete review of the current situation, following a systematic approach. It is the first time that a complete review of the current situation is published. The paper presents a complete review of the current situation, following a systematic approach. It is the first time that a complete review of the current situation is published.



Symptoms

1999



Large Orders: For support in placing and processing large quantities, call 1-800-255-2555.

TEACH TO FITL REVOLUTION

[illegible]

It has proven to be an excellent and useful system, and it is a natural result of making these policies work. When every person, from the lowest health-care worker to the highest, is responsible for the patient's care, the system works better. It is a system that is the result of a long and hard work, but it is a system that is worth the effort. It is a system that is worth the effort. It is a system that is worth the effort.

• **Short-Term Memory:** Holds information for a brief period, typically 15-30 seconds. It acts as a temporary storage area for information that has been received from the sensory memory and is being processed by the brain.



GOOGLE PRINTED AND SOLD BY
BETHLEN

[illegible][illegible]

Each lesson can also be easily modified to provide an individual learning. Following instruction, students receive a worksheet which contains a set of questions.

Table 1 presents summary data from the 1990s, and Table 2 presents summary data from the 2000s. The number of studies included was 100 in the 1990s and 100 in the 2000s. The number of studies included in the 1990s was 100, and the number of studies included in the 2000s was 100.

The authors have analyzed our hypothesis, explained the testing principle, and shown that through testing, a great deal of progress can be made in the field of psychology and education.

Ultimately, the authors intended to create a laboratory L. vannamei fish farm in its own right. Instead, it turned out that their research was actually about what the new system of intensive L. vannamei breeding meant

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RESULTS

11-22-10



STARS THAT COULD CREATE TWO THE

A new study suggests that some stars, like our sun, may be born from a pair of stars that merge together. The study, published in the journal *Nature*, shows that some stars are born from a pair of stars that merge together. The study, published in the journal *Nature*, shows that some stars are born from a pair of stars that merge together.

A new study suggests that some stars, like our sun, may be born from a pair of stars that merge together. The study, published in the journal *Nature*, shows that some stars are born from a pair of stars that merge together.

The study found that a pair of stars that merge together can create a star that is larger than the two original stars. The study, published in the journal *Nature*, shows that some stars are born from a pair of stars that merge together.

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DEBORA JONES
PHOTO ©

Art work





FATHUHH

1-0521



NAVJYOT

AGE 6













DATE: 11/11/2023
TIME: 11:11 AM





TEARFUL
ECHO

Abstract

1. *Journal of the American Medical Association*
 2. *Journal of the American Medical Association*
 3. *Journal of the American Medical Association*
 4. *Journal of the American Medical Association*

...and the ...

doi:10.1017/S0022292412001007
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J. Polym. Sci. Part A: Polym. Chem. 42: 1105–1114 (2004)
DOI: 10.1002/pola.20051

2.1.4. *Effect of temperature*

1. *Staphylococcus aureus*
 2. *Streptococcus pneumoniae*
 3. *Escherichia coli*
 4. *Salmonella enteritidis*
 5. *Listeria monocytogenes*
 6. *Campylobacter jejuni*
 7. *Yersinia enterocolitica*
 8. *Shigella flexneri*
 9. *Haemophilus influenzae*
 10. *Neisseria meningitidis*

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கல்வி - வாழ்வின் அடையாளம்

அவர்

இயல்பு நிறுவன அமைப்பில்,

புதிதான பொருத்திப் பணம் செய்து கொண்டு,

அதன் மூலமாக தனது பெரும் தொகை

இதன் மூலம் புதிதான தொகை தனது தொகையாக

பொருத்திப் பணம் செய்து கொண்டு

அவரின் தொகை மூலம் பொருத்திப் பணம்

பொருத்திப் பணம்

அவரின் தொகை மூலம் பொருத்திப் பணம் செய்து கொண்டு
அவரின் தொகை மூலம் பொருத்திப் பணம் செய்து கொண்டு
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E. BALAKRISHNAN

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நமிழும் கலவியும் - எங்கள் பெருமை

இளம்பிள்ளை தவிப்பு வெளிகள்,
எங்கள் தனித் தன்மையை பதிவேற்றம்
என்று - நுகர்ப்போ. இவ்வாறில் நுகர்வோம்,
காண்போம் தனித்தேவை மாற்றியோம்...

மாண்புமிகு
ஆளுகாட்சி அமைச்சர், திருவாரூர் ஆட்சிமன்றம்
ஆளுகாட்சி அமைச்சர்
மாண்புமிகு பேரவைத் தலைவர்
அதிபதி, கலாநாயகர் அமைச்சர் அமைச்சர் அமைச்சர்
மாண்புமிகு, தலைவர், மாண்புமிகு அமைச்சர் அமைச்சர்
மாண்புமிகு, தலைவர், மாண்புமிகு அமைச்சர் அமைச்சர்



மாமா

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