B G I E T NEWSLETTER

DEPARTMENT OF CSE

VISION

To be a center of excellence in technical education, research and support services to produce comprehensively trained, innovative Computer Science Engineers of highest quality to contribute to the Nation's

MISSION

"Technology by itself doesn't make leaders. Technology only amplifies true leadership."

www.yourselfquotes.com

M1. Create an environment of skill learning through faculty training, online learning, sound academic practices and research endeavors

M3. To uplift innovative research in Computer Science and Engineering to serve the needs of industry, Government and society.

M2. Provide opportunities to promote organizational and leadership skills in students through various extra- curricular and co-curricular events

M4. Providing social awareness and responsibility in students to serve the Nation and to protect environment.

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NEWSLETTER

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FROM THE HOD'S DESK

Congratulations to the team for the upcoming edition of CSE Messenger! It is your hard work & dedication that this newsletter is holding the pride of the department & is raising the standards of excellence.

Dr. Arun Kumar Singh

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FROM THE EDITOR'S DESK

The content in this newsletter is in perfect blend of quality. It is an incredible platform for real technical, managerial & social insight. hence, in a perfect tune to convert a raw student into successful one.

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FROM THE STUDENT EDITOR'S

The content in this newsletter is in perfect blend of quality. It is an incredible platform for real technical, managerial & social insight. hence, in a perfect tune to convert a raw student into successful one.

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NEWSLETTER

Online Seminar on Android Application Development   (21/10/2021)

By: Mr. Manish (Developer, Cognixia Technologies)

In present years, innumerable flourishing of mobile users across the global. Mobile apps are bringing about revolutionary modifications in the tech world.

- Android is a popular computing platform based on the Linux OS.
- It can assist in the growth of business, android creates it easygoing business.
- The customers and also reach out to an outspread audience.

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Online WORKSHOP on "Content Management Systems"   (22/09/2021)

By: Mr. Anurag, CEO, Prathva Solutions

A content management system, often abbreviated as CMS, is software that helps users create, manage, and modify content on a website without the need for specialized technical knowledge.

In simpler language, a content management system is a tool that helps you build a website without needing to write all the code from scratch (or even know how to code at all).

On a more technical level, a content management system is made up of two core parts:

A content management application (CMA) – this is the part that allows you to actually add and manage content on your site.

A content delivery application (CDA) – this is the back-end, behind-the-scenes process that takes the content you input in the CMA, stores it properly, and makes it visible to your visitors.

Most content management systems are pretty flexible nowadays. While there are some that focus on a specific use – like Magento and eCommerce – most of the popular content management systems can be used to create essentially any type of website. For Example: Static websites, Blogs, Forums, Social Networks,Portfolios etc.

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Technical Talk on SAP hana cloud(Online)

A Seminar was conducted in which Er. Yadwinder Singh , Assistant Professor, BGIET(CSE) has poured details on Cloud Computing and SAP Cloud. All Students participated in the seminar asking queries and future scope of Cloud Computing.

Fundamental Outcome:

Cloud computing is a big shift from the traditional way businesses think about IT resources. Here are seven common reasons organizations are turning to cloud com-puting services.

Cost

Cloud computing eliminates the capital expense of buying hardware and software and setting up and running on-site data centers—the racks of servers, the round-the-clock electricity for power and cooling, the IT experts for managing the infrastructure. It adds up fast.

Speed

Most cloud computing services are provided self service and on demand, so even vast amounts of computing resources can be provisioned in minutes, typically with just a few mouse clicks, giving businesses a lot of flexibility and taking the pressure off capacity planning.

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Lab session on "Software Reuse"

One of the promises of object-orientation is reuse. Developing new software systems is expensive, and maintaining them is even more expensive. Reuse is therefore sensible in both business and technology perspectives.

First level of reuse:
Copy/paste
Duplicating code or functionality makes it easy to reuse it. It's a real time saver at first, but keeping all the duplicates up-to-date and maintaining them is horrifying task. Not to mention the problems when forgetting to update one or more duplicates.

Second level of reuse:
Class libraries
Reuse at class level or a set of classes in a software library is common and also fairly easy with object-oriented languages.

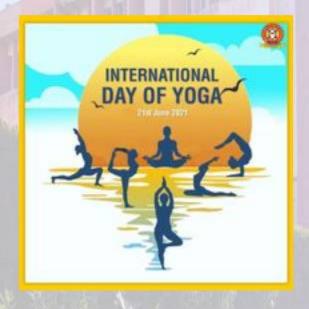**Third level of reuse:**
Design Patterns
Patterns allow you to reuse design ideas. concepts independent of concrete code.

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Yoga Day

The practice of yoga brings joy, health, peace from within and deepens a sense of connection between an Individual's inner consciousness and the external world.

By considering precisely the guidelines of Covid-19, CSE department of Bhai Gurdas Institute of Engineering and Technology has organized the yoga camp under the guidance of Campus Director Dr. Tanuja Srivastava for the better physical and mental well being of the students on 21st June 2021. It aims to raise awareness worldwide pros of yoga.

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Career Awareness Program

Friends Union for Energizing Lives (FUEL) India has conducted the Future Skills Training Program to help students who came from low income families and rural background to build a better career path and achieve a successful career in near future. Mr. Jagdeep Singh(Marketing head, FUEL) has delivered a speech to the students of CSE Department, BGIET Sangrur to enhance the values and capabilities of the student community at large and building confidence in them to develop a strong and growing career .

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