G20
भारत 2023 INDIA

GOVERNMENT ENGINEERING COLLEGE
GANDHINAGAR
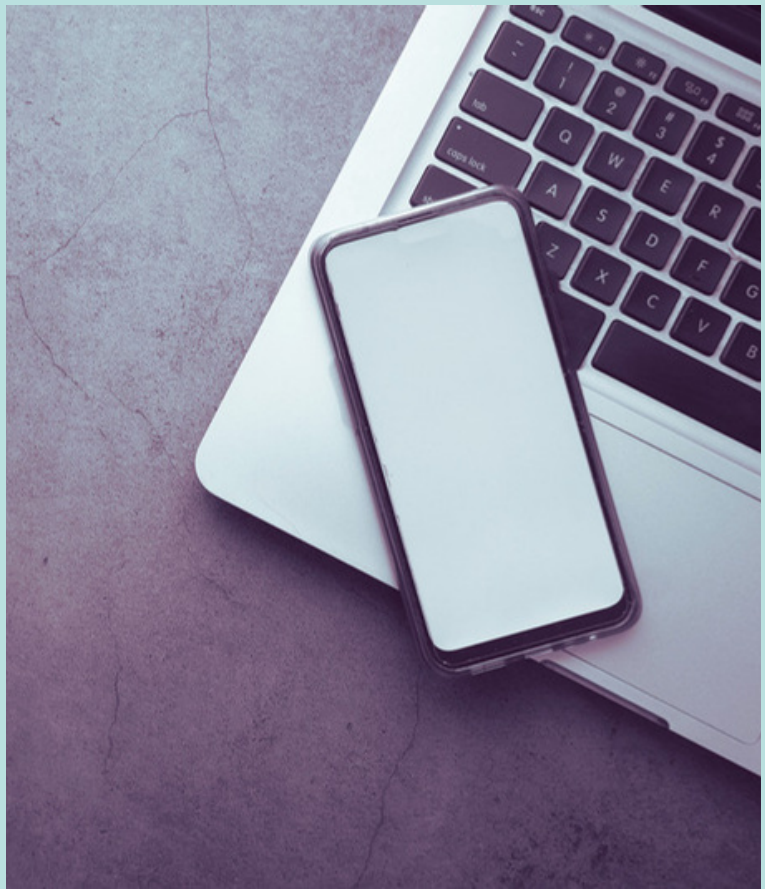|| कर्मजं ज्ञानं एवं ज्ञानजयं कर्म ||

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INSIDERS

INNOVATE | DEVELOP | ENGAGE

IDE

CLUB IDE

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A Community by the Students,
For the Students

An initative by,
Government Engineering College, Gandhinagar
CE/IT Department

Special Thanks

PRINCIPAL   **H.O.D. CE /IT DEPARTMENT**   **FACULTY ADVISOR**

DR. S.P. DAVE   **PROF. DR. D.A. PARIKH**   **PROF. J.S. DHOBI**   **PROF. A.R. PRAJAPATI**   **PROF. Y.P. TANK**

FLIPBOOK

G2 — 2023 INDIA

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Government Engineering College
Gandhinagar

▶ Hello Reader!!

▶ We are happy to share a new flip book version of our Newsletter.

▶ Click on the above book image to redirect our flip book version hope you enjoy this version.

▶ Scan QR code in case of link failure.

▶ Use laptop or PC for best experience.

▶ If using mobile, turn on the desktop view.

IDE

VISION

To help students become more competent in various fields of technology and help them get more exposure in the field of research and entrepreneurship.

MISSION

To enlighten the students with the latest trends and giving them in-depth analysis and pathways of upcoming technologies.

To establish an environment where students can explore, replenish their technical abilities, develop new skills, improve and learn unique concepts about various technologies through our club/ community.

To motivate students to participate in various conferences, workshops, seminars, and related technical activities.

To help/motivate students to come up with their own ideas and guide them to implement it.

Index

IN THIS MONTH
TECH UPDATES

- Apple Rapid Security Response Update Rolling Out for iOS, iPadOS, and macOS Devices.

- Meta Said to Be Targeting $7 Billion in Its Second Blue-Chip Bond Sale

- Jack Dorsey's Bluesky Emerges as Another Twitter-Like Service, Gaining Traction Among Power Users.

- Google Pixel 7a Unboxing Images Tip Arctic Blue, Carbon Black Colour Options.

- Nothing Phone 1 to Get Android 14 Beta 1 Early Access Soon.

- IIT-Mandi Startup Develops AI-Based Medical Imaging Solution to Detect Respiratory, Genetic Disorders.

IN THIS MONTH
TECH UPDATES

- EU Lawmakers Struggle to Finalise Law to Regulate ChatGPT and Generative AI.

- Twitter to Take 10 Percent Cut on Content Subscriptions After 12 Months.

- Google's Motion to Dismiss Advertising Antitrust Case Denied by US Judge.

- Windows 10 Feature Updates Discontinued by Microsoft Ahead of End of Support in 2025.

- Intel's Quarterly Revenue Records Historic Fall of 36 Percent as Semiconductor Sales Drop.

- Telegram Rolls Out New Update; Brings Shareable Chat Folders, Custom Wallpapers, and More.

ONE STEP AHEAD

MENTAL HEALTH IN THE DIGITAL AGE

"Exploring Mental Health in the Digital Age":

- **Introduction**: Discuss the impact of technology on mental health in the digital age.
- **Social Media**: Examine the negative effects of social media on mental health, such as social comparison, FOMO, and cyberbullying.
- **Digital Detox**: Highlight the importance of taking breaks from technology for mental well-being.
- **Mindful Technology Use**: Emphasize the benefits of practicing mindfulness and setting boundaries with technology.
- **Digital Tools**: Discuss the positive role of digital tools like meditation apps and online therapy platforms for mental health support.
- **Online Communities**: Explore the role of online communities in providing peer support and sharing experiences.

ONE STEP AHEAD

MENTAL HEALTH IN THE DIGITAL AGE

- **Balancing Screen Time:** Encourage finding a healthy balance between screen time and offline activities.
- **Digital Well-being Tools**: Highlight features like screen time tracking and notification management that promote healthy technology use.
- **Seeking Professional Help**: Emphasize the importance of reaching out to mental health professionals for support and provide information on accessible online mental health services.

By understanding the impact of technology on mental health and adopting strategies for healthy technology use, we can prioritize our mental well-being in the digital age.

AROUND THE WEB
3D PRINTING

3D printing, also known as additive manufacturing, is a process of creating three-dimensional objects from a digital file. The process works by depositing material layer by layer until the object is complete. 3D printing can be used to create a wide variety of objects, from simple prototypes to complex functional parts.

There are many different 3D printing technologies available,

1. **Fused deposition modeling (FDM):** FDM is a popular 3D printing technology that uses a heated nozzle to melt plastic filament. The molten plastic is then deposited layer by layer to create the object.

AROUND THE WEB
3D PRINTING

2. Stereolithography (SLA): SLA is a 3D printing technology that uses a laser to cure liquid resin. The laser selectively cures the resin, creating the object layer by layer.

3. Selective laser sintering (SLS): SLS is a 3D printing technology that uses a laser to sinter powdered material. The laser selectively sinters the powder, creating the object layer by layer.

AROUND THE WEB
3D PRINTING

3D printing is a rapidly growing technology with a wide range of applications. Some of the most common applications of 3D printing include:

1. Manufacturing: 3D printing is being used to create prototypes and functional parts for a variety of industries, including automotive, aerospace, and medical.

2. Healthcare: 3D printing is being used to create custom medical devices, such as prosthetics and implants
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3. Education: 3D printing is being used in education to teach students about design, engineering, and manufacturing.

4. Art and design: 3D printing is being used to create art objects, jewelry, and other decorative items.
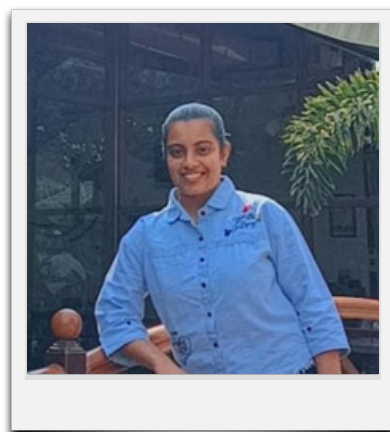
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THE CLUB IDE
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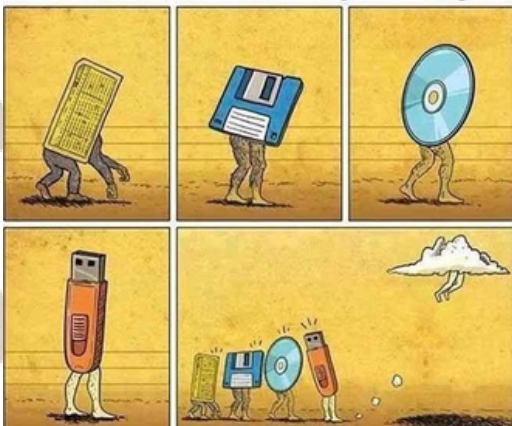
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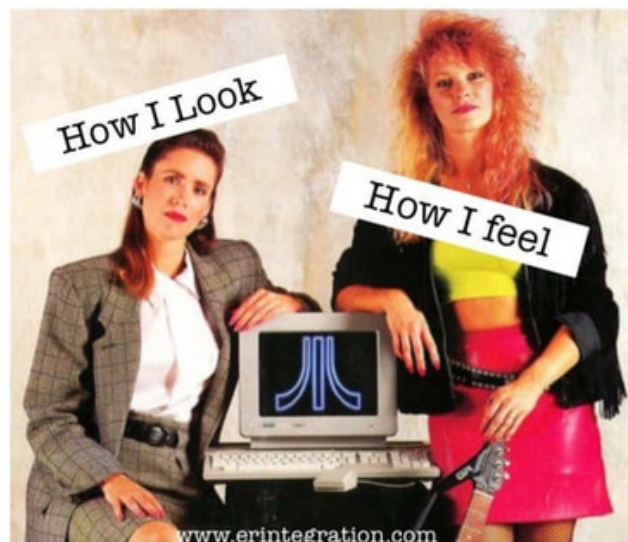
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Thank You

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COMMUNITY PARTNERS

Google Developer Student Clubs

Government Engineering College - Gandhinagar