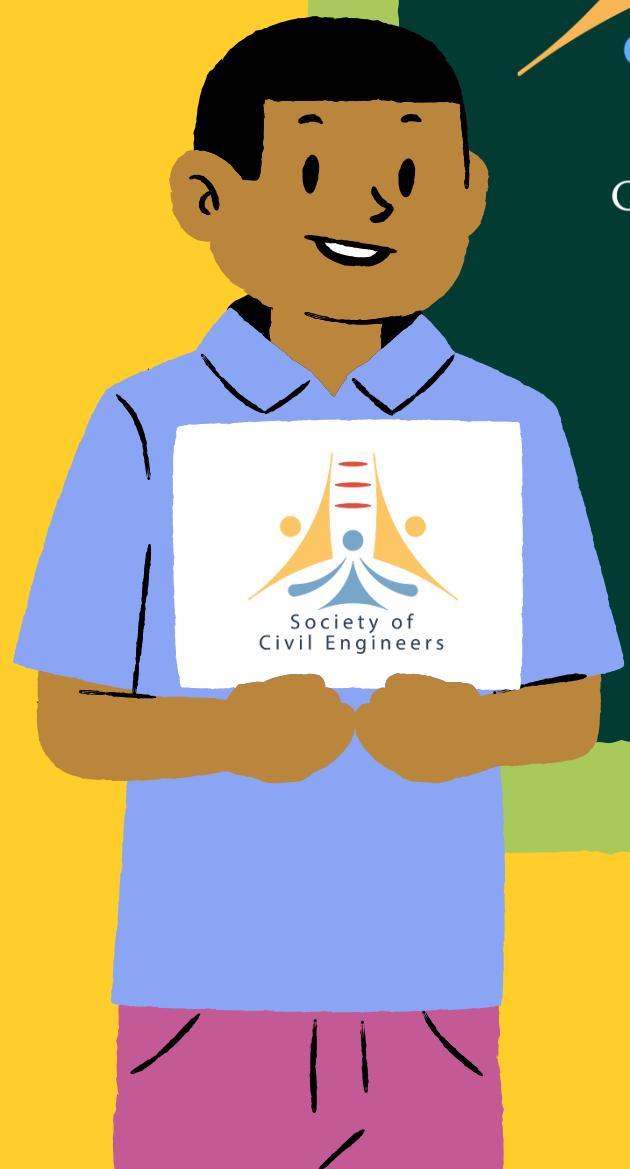


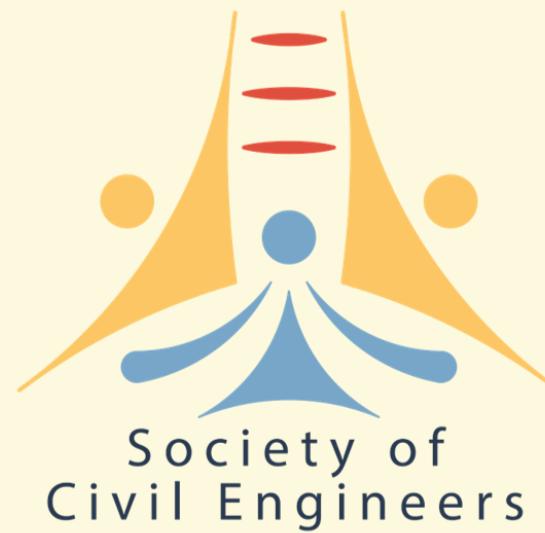
Introductory Session for Y21 CE Batch



SoCE IITK

Society of Civil Engineers, IIT Kanpur





Hello, Y21 Students!

We are Society of Civil Engineers at IITK!



Introduction

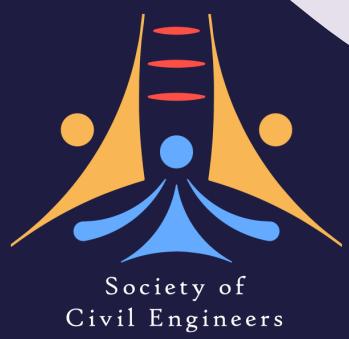


SOCE Stands for the Society of Civil Engineers, IIT Kanpur. It serves as a link between enrolled Civil Engineering Students, Alumni and Professors at IITK for better communication and transfer of ideas.

The society organizes numerous lecture series, seminars, and interactive sessions with professors in order to raise awareness of the department. As we all know, a tremendous amount of information is learned by experience in Civil Engineering; similarly, in SOCE, our experiences will guide you throughout your academic career.



Society of Civil Engineers, IIT Kanpur



Career Advices

- PROJECTS UNDER PGs
- INTERN CHATS
- PLACEMENT POSTULATES
- CAREER CHOICES FOR CIVIL ENGINEERS

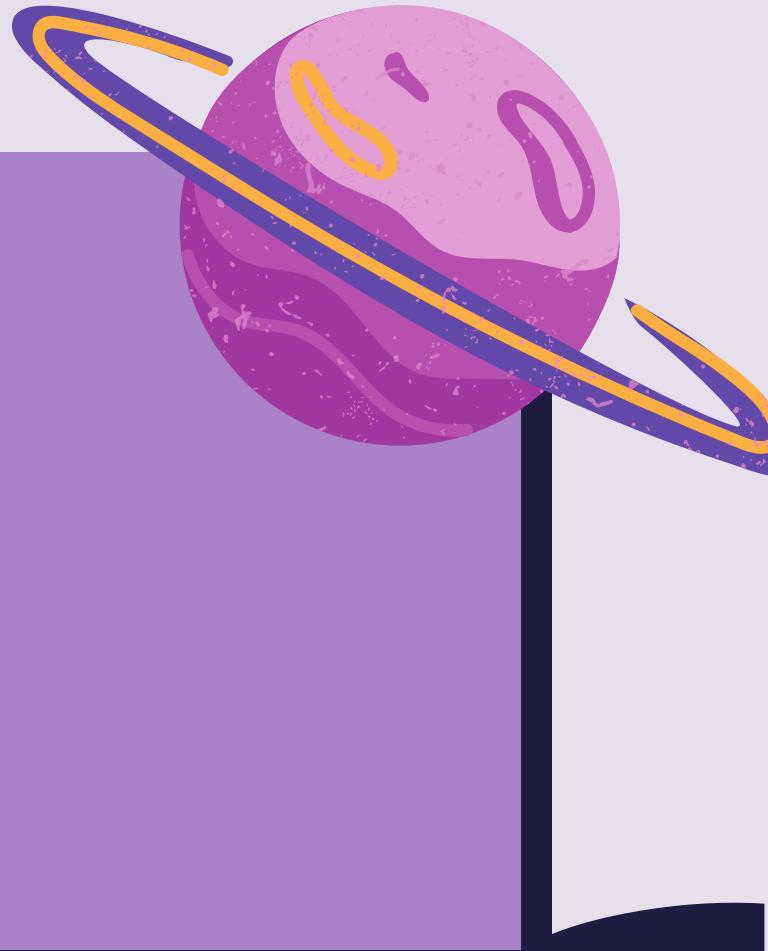


Fun Events

- SKRIBBL NIGHT
- DRAWING COMPETITION
- A LOT MORE

Get-togethers

- DEPARTMENTAL GET-TOGETHERS
- FAREWELL PARTIES



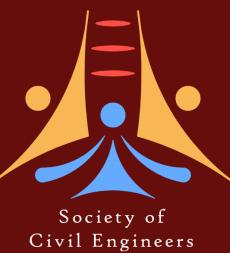
DEPARTMENTAL GET-TOGETHERS



- During a department get-together students, professors and staff members from across the Civil Engineering Department come together to welcome the new batch of students.
- This gives students a wonderful experience to interact with fellow seniors and faculty members.
- They spend night with many fun filled games and activities in which both faculty members and students participate and have a merry time. Students showcase their talents, and the night concludes with dinner followed by music and dance.

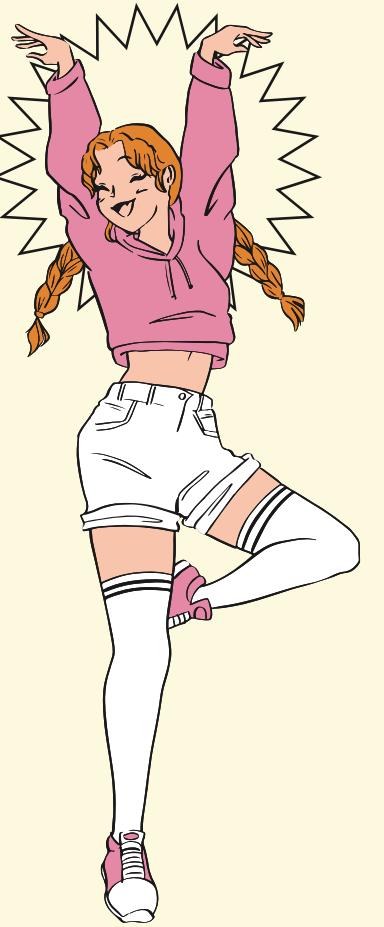


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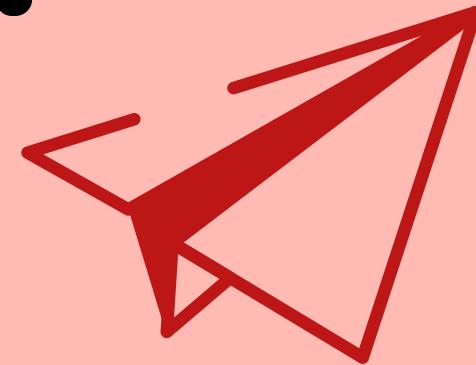


FAREWELL PARTY

- We organize a super fun farewell party for the graduating civil batch every year so that they get to cherish those beautiful memories they made in these four years and relive them all over again.
- We also get a batch photo clicked for them, and apart from this, they get to have a bit of leisure time with their peers and professors.



INTERN CHATS

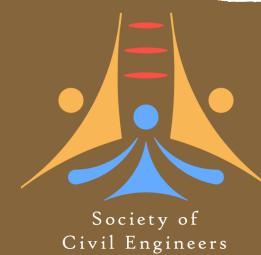


It compresses all the essentials into a small section, which helps in communicating the key points in a more efficient way.

Intern Chats serve as a powerful resource when it comes to gaining knowledge about various internships and gain exposure to what all opportunities are ahead of the students.



They're always insightful, thus, they are always fun to learn.



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PLACEMENT POSTULATES



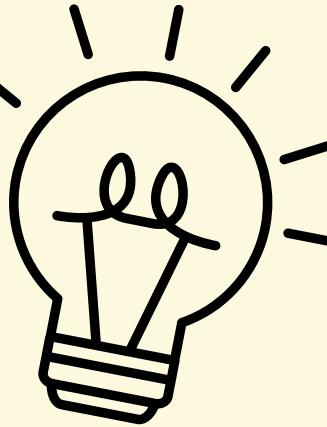
Placement Postulates provides you guidance and mentorship related to placements.

Seniors share their experience and most valuable tips that help during placement process.

Seniors also share some resources that helped them ace placements.



CAREER CHOICES FOR CIVIL ENGINEERS

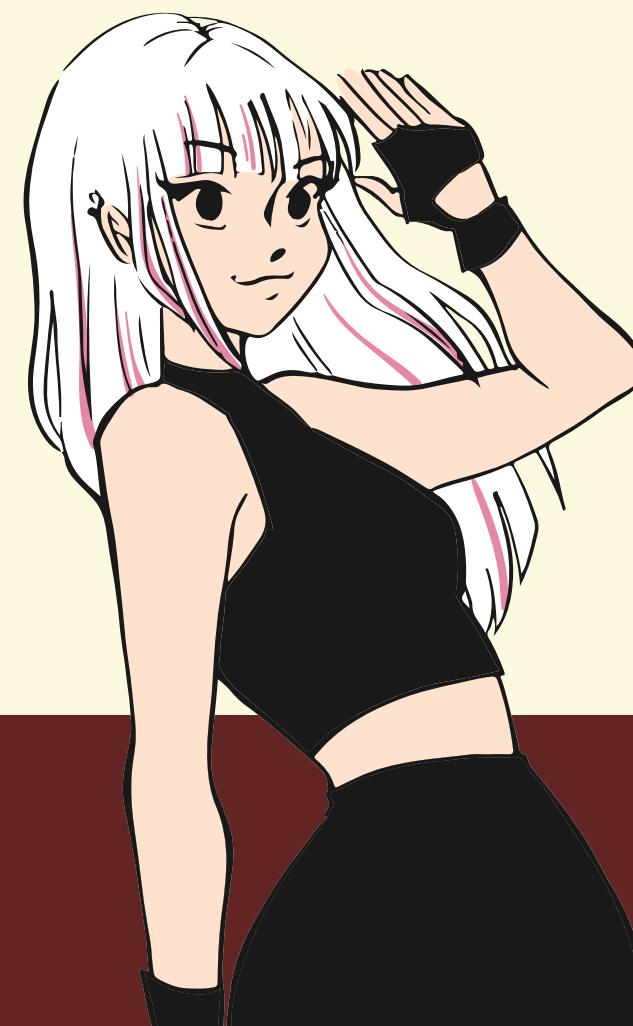


The “Interaction with alumni” is very versatile.

Alumni allow to find your best fit and guide you how to build upon the basics in your field of interest.

The interactions help in understanding what the crucial points are, during your 4-year undergraduate program.

Overall, they help you in bring out the best and help you grow.



ABOUT CIVIL ENGINEERING

The future starts with civil engineers!

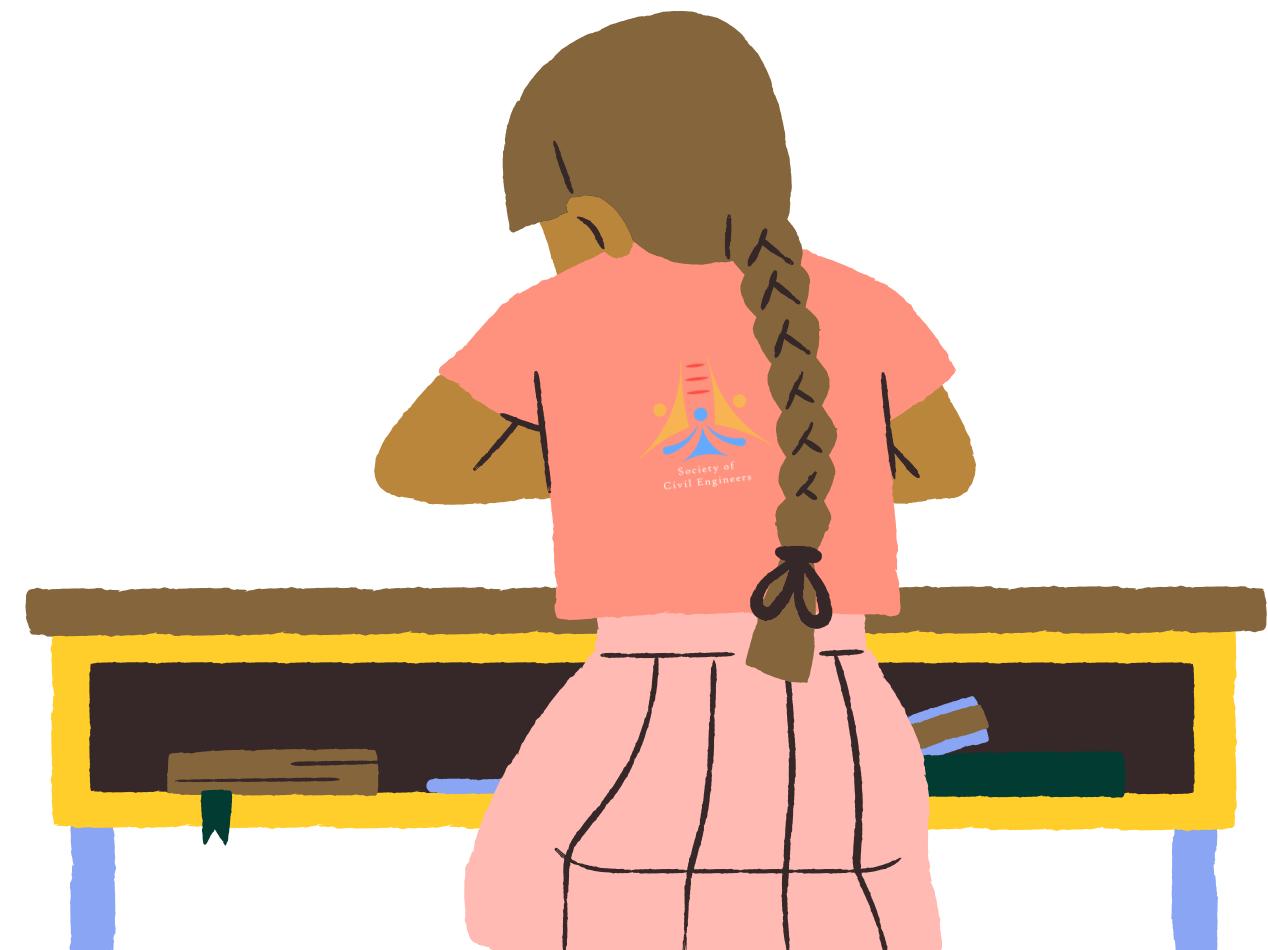


ABOUT CIVIL ENGINEERING

Civil Engineering is a broad branch of engineering. It is all about providing easy living and safe shelter to humans.

Its major work includes the planning, design, and construction of facilities that we require for everyday living, industry, and transport.

It provides a wide range of career opportunities with future challenges which includes development of airports, bridges, waste collection and treatment systems etc.



Why should we study Civil Engineering?

- Civil Engineers shape the world we live in. They design, build and maintain the infrastructure. Their expertise is essential for a sustainable future.
- Civil Engineering is tightly connected with the use of innovative technologies.
- You will develop many new skills.
- You will learn to apply Math and Physics in the real world.
- You will be able to bring your own ideas to life. As a civil engineer you will have many opportunities to apply your skills.
- You'll be exposed to many different perspectives for self-development and be able to develop your abilities to their potential.
- So, study hard and don't miss any lectures! You'll quickly gain all the necessary knowledge and skills to become an in demanded and well-paid Civil Engineer.



Sub-disciplines of Civil Engineering

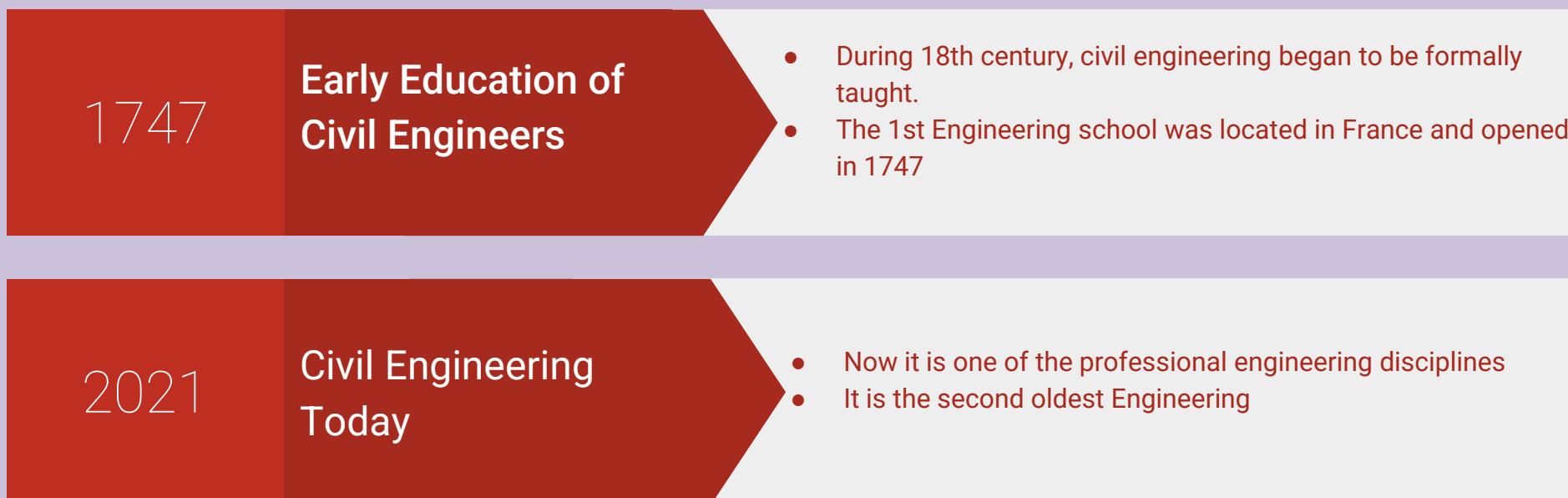
- Geotechnical Engineering
- Transportation Engineering
- Structural Engineering
- Hydraulics and Water Engineering
- Infrastructure Engineering
- Environmental Engineering
- Geoinformatics Engineering
- Resources Engineering
- Management Engineering



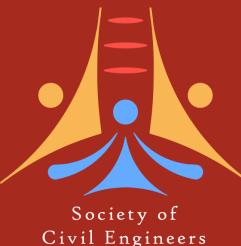
History of Civil Engineers

Civil Engineering has begun in 18th century France

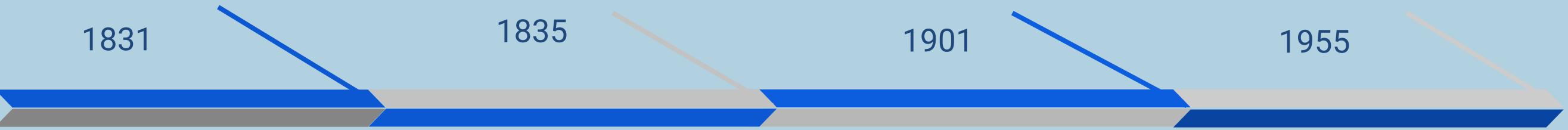
The “First Civil Engineer” was an Englishman, John Smeaton in 1761



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Timeline



Fall of 1886, "State College"(UK) established civil engineering degree.

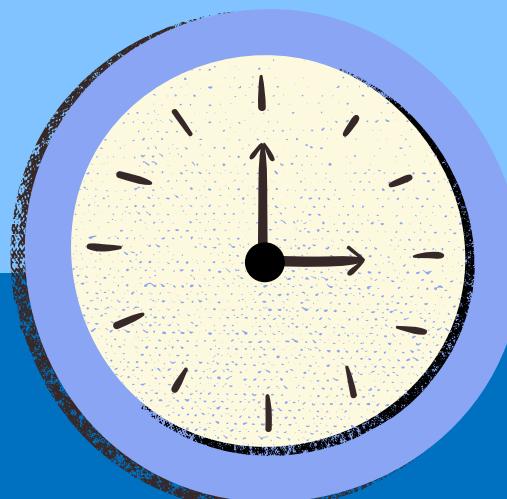
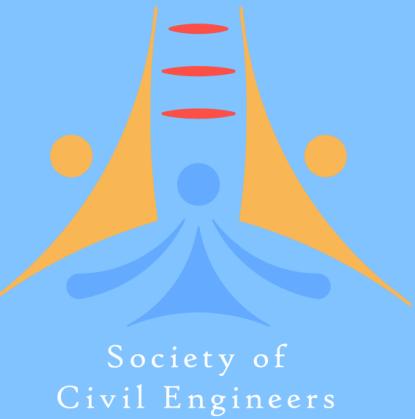
First U.S. Civil Engineering Degree
The first civil engineering degree in the United States was awarded in 1835 by Rensselaer Polytechnic Institute.

First oil gusher
Civil engineers built the 1st oil gusher , and it changed the oil industry greatly. It has definitely caused oil to be a lot easier to get.

Nuclear Power Plant
The 1st nuclear plant was invented, and it powered a whole city. This was a big accomplishment.

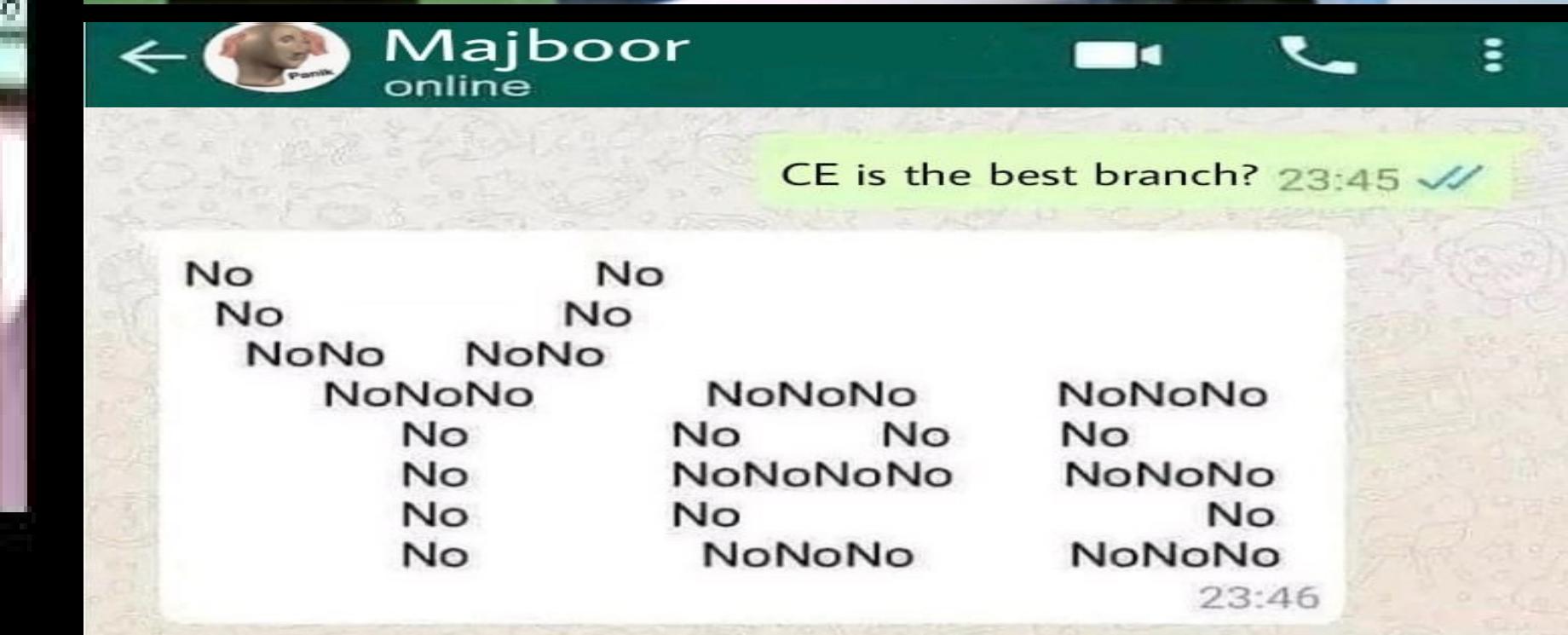


CAREER OPPURTUNITIES FOR CIVIL ENGINEERS



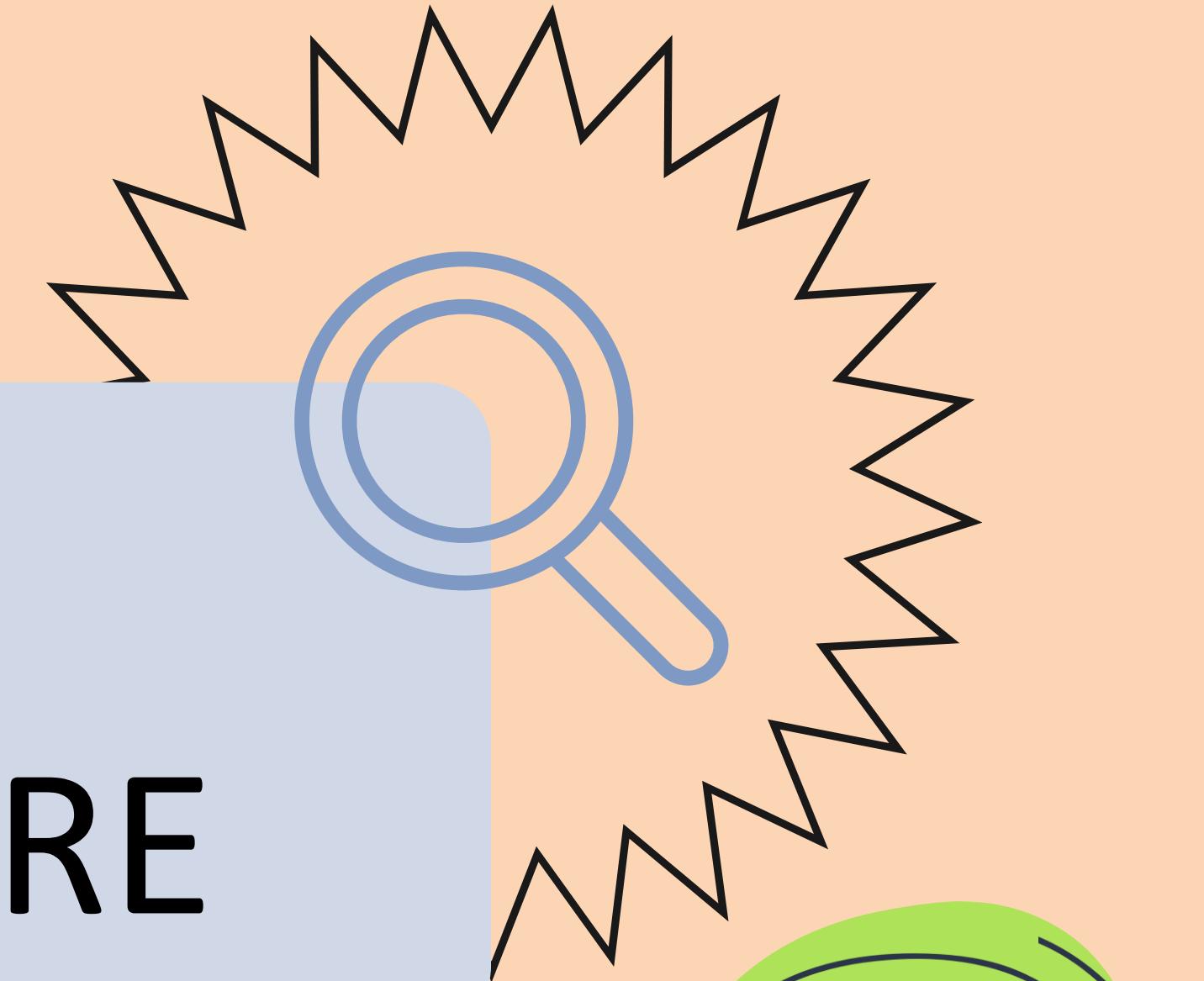
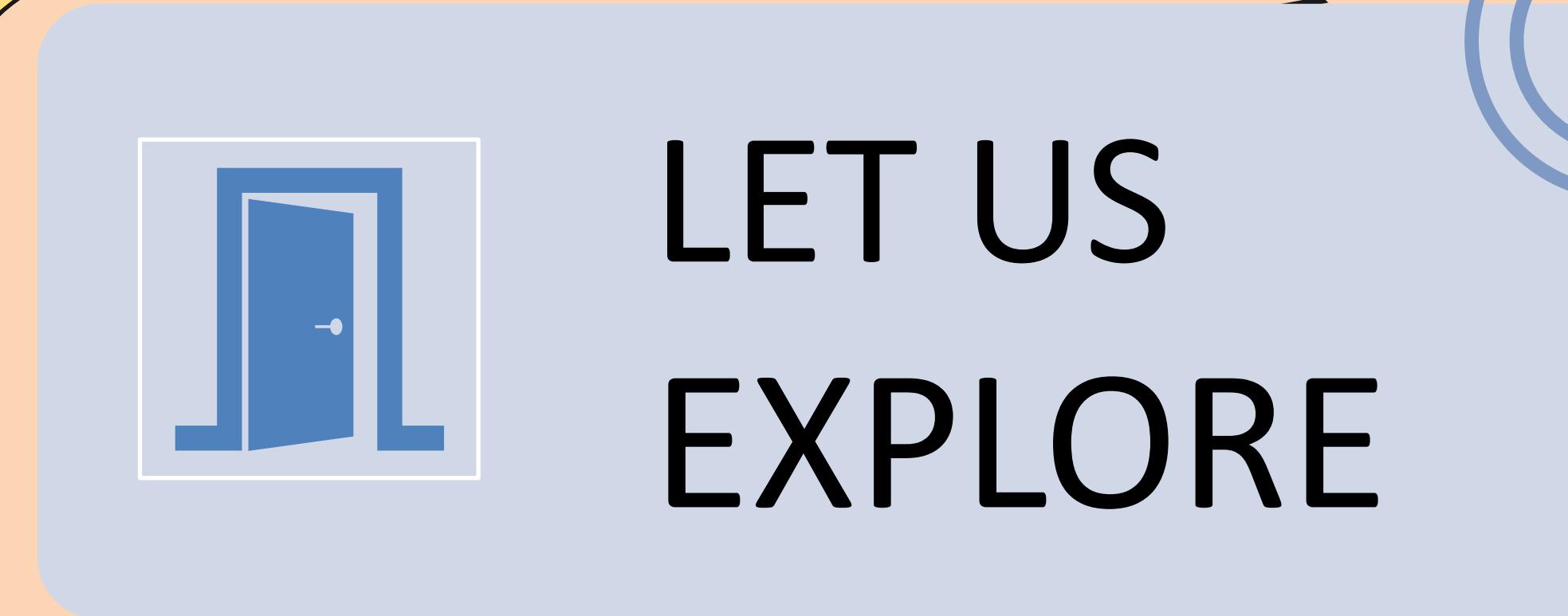
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**One CE guy
to other**

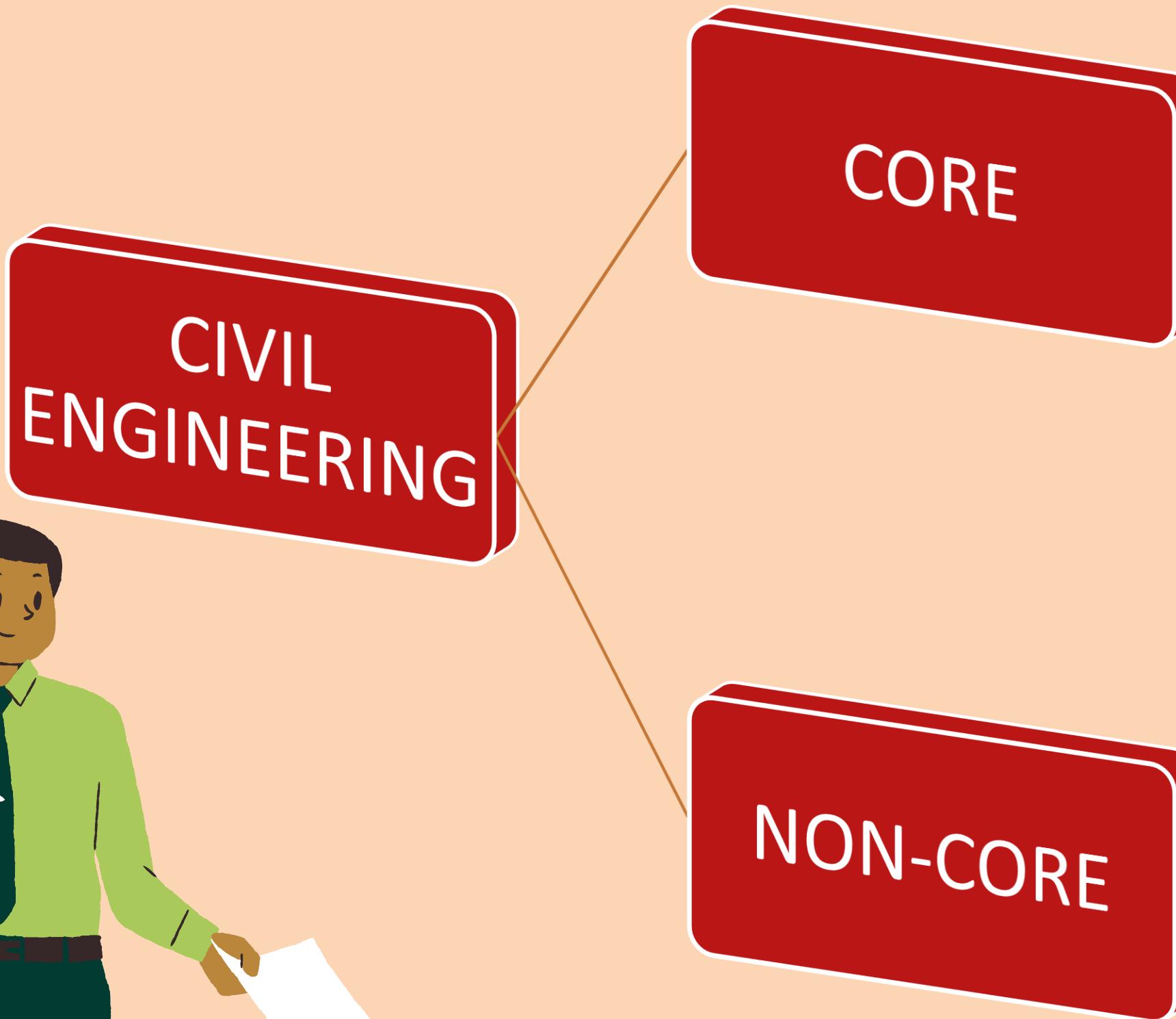


**YOU MAY HAVE GONE THROUGH THESE TYPE OF
MEMES ON CIVIL ENGINEERING**

LET'S SEE THE TRUTH

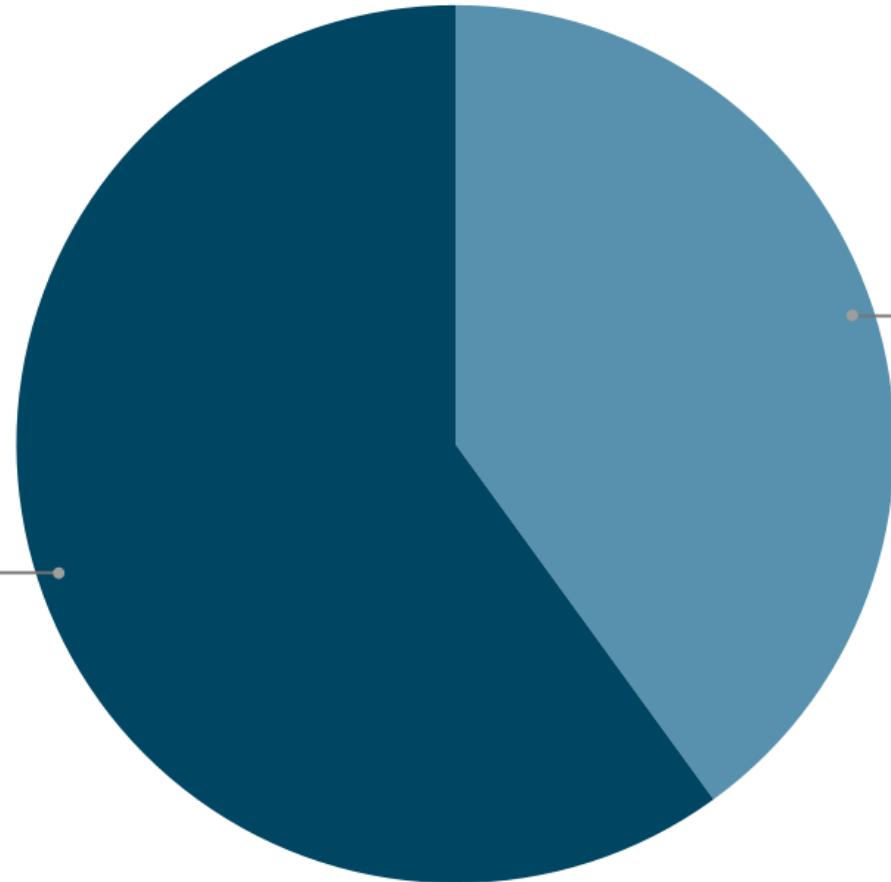


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Placement Stats

Points scored

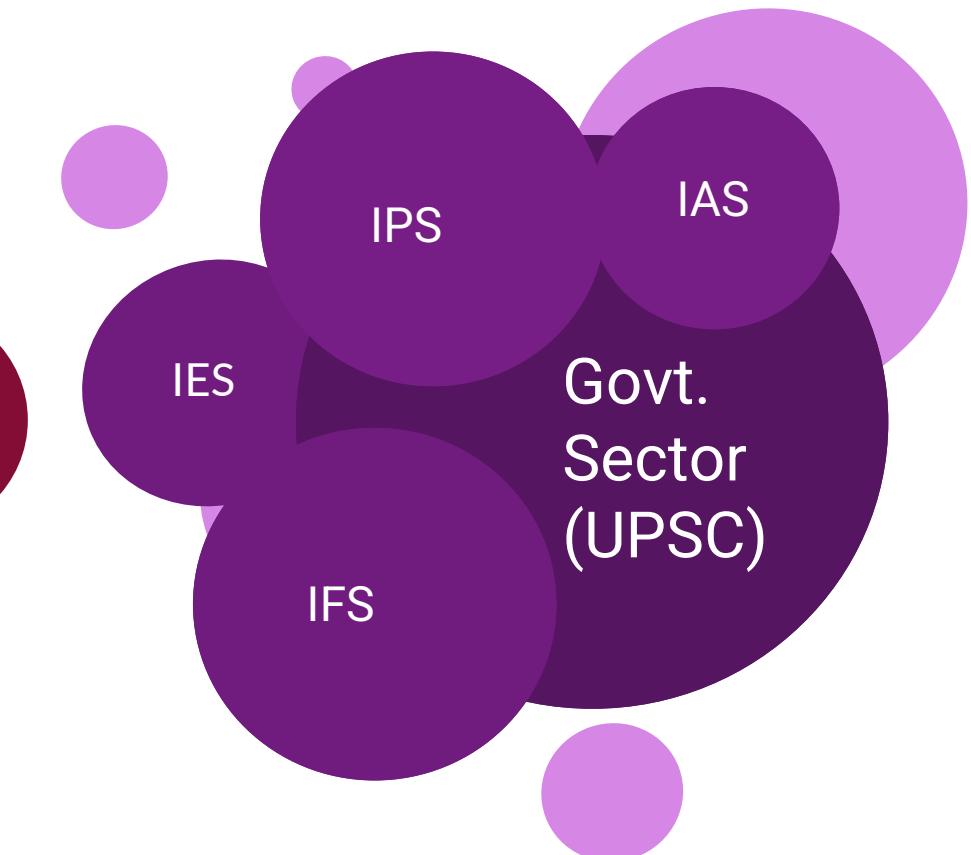
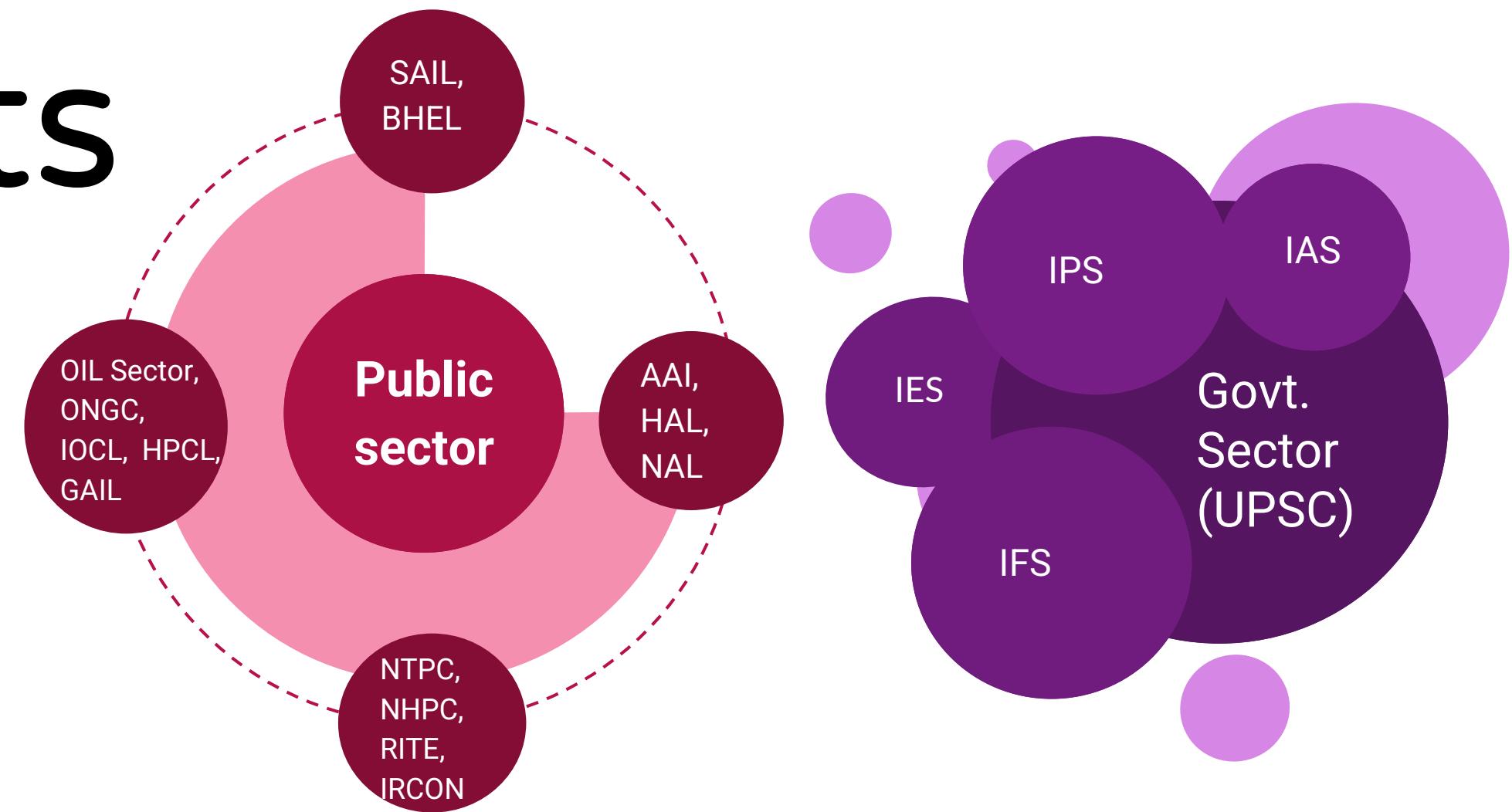


PRIVATE SECTOR

core
40.0%

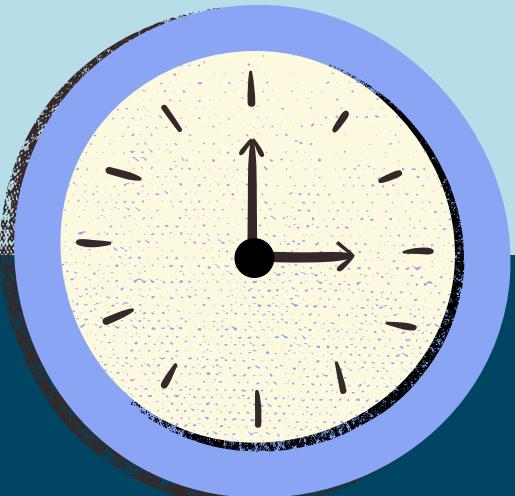
Non core
60.0%

- Building design and construction Real estate
- Infrastructure-Highways , Airports ,SEZ
- Water Resources Dams and Hydraulic structure
- Construction planning and management



Government departments that recruit civil Engineers in central level

- ❖ Railway
- ❖ CPWD
- ❖ Postal department
- ❖ Military
- ❖ IOCL
- ❖ BPCL
- ❖ HPCL
- ❖ GAIL
- ❖ SAIL



Government departments that recruit civil Engineers in state level

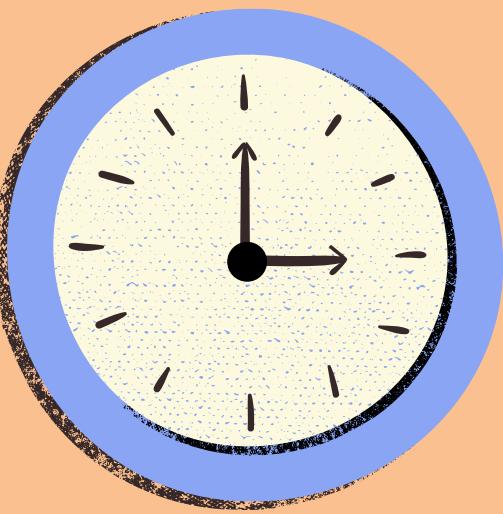
- ❖ PWD
- ❖ LSGD
- ❖ Irrigation
- ❖ KSEB
- ❖ Archeological
- ❖ Land Development Corporation
- ❖ Water Authority
- ❖ Soil conservation Department
- ❖ Hydrology Department



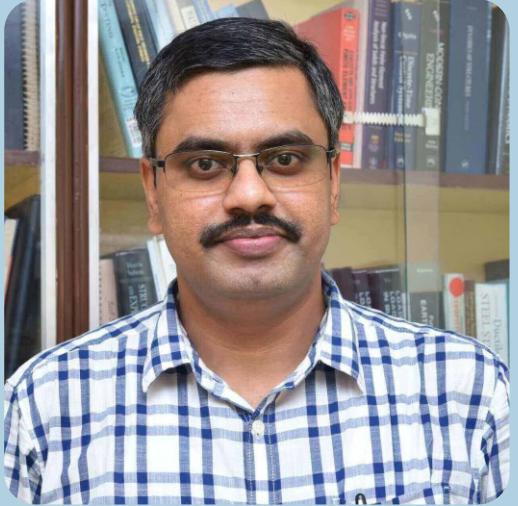
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Top firms that recruit civil Engineers in India:

- ❖ DLF
- ❖ Frischmann Prabhu
- ❖ Gammon India
- ❖ Hindustan Construction Company
- ❖ Larsen & Toubro
- ❖ Nagarjuna Construction Company
- ❖ Punj Lloyd
- ❖ Shapoorji Pallonji & Company
- ❖ Sobha Developers Limited
- ❖ Tata Projects
- ❖ Unitech
- ❖ IRCON International Ltd
- ❖ RB Infrastructure Developers Ltd
- ❖ GMR Group
- ❖ Petron Engineering Construction Ltd
- ❖ OLA
- ❖ Cyber Tech
- ❖ BOSCH
- ❖ SAP
- ❖ UBER
- ❖ Exxon Mobil



Meet the SoCE Team



Prof. Chinmoy Kolay

Faculty Advisor



Govind

Coordinator



Janhavi

Coordinator



Nidhi

Coordinator



Rohan

Coordinator

Secretaries



Kaushal



Kritika



Om



Prabhat



Sanidhya



Shobhit



Ajeet



Mushtaq



Shruti



Anushka



Mandvi



Narendra



Nikhil



Shikha



Payal



Aman



Susmitha



Animesh



Devansh



Sahil



Swati



Ashish



Rahul



Shubham



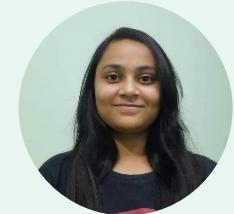
Sheshank



Shivangi



Tanu



Faiza



Abhishek



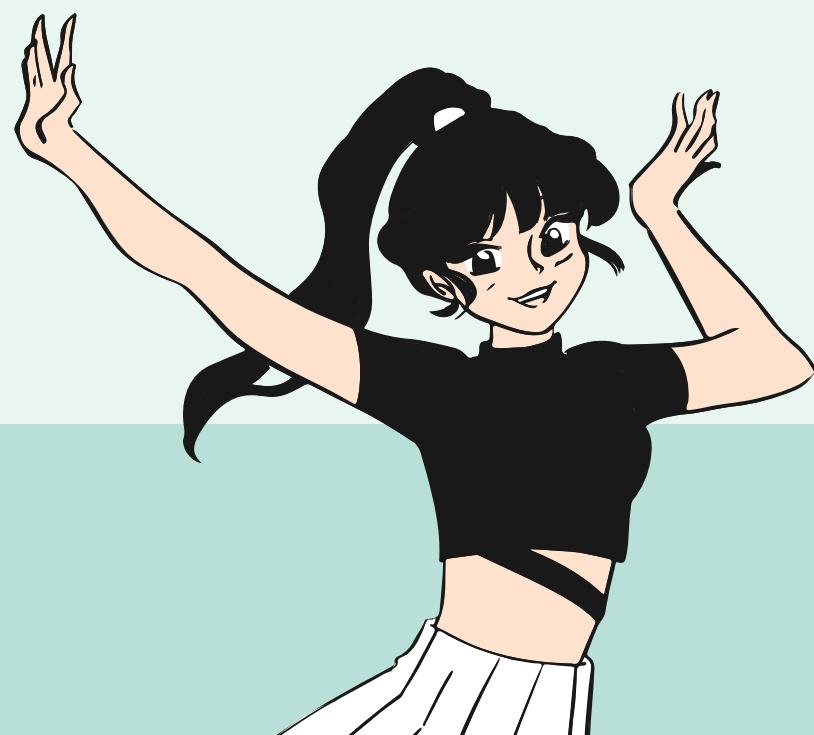
Saurabh



Yuvraj



Akshat





SoCE IITK Website 2021



Launch of new site for SoCE IITK



<https://soce-iitk.herokuapp.com>

Website developed by :



Aman



Faiza



Abhishek



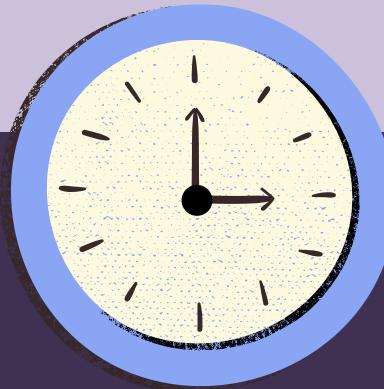
Saurabh



Shubham



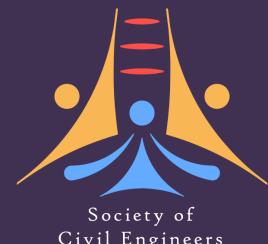
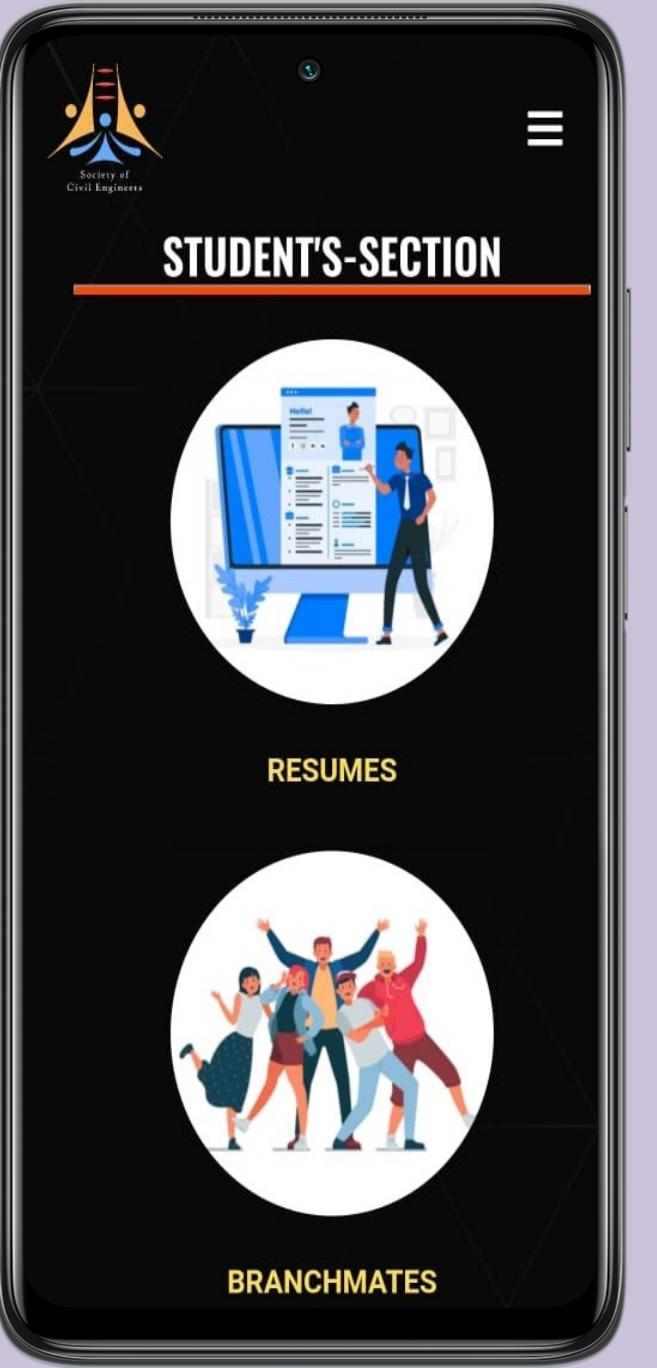
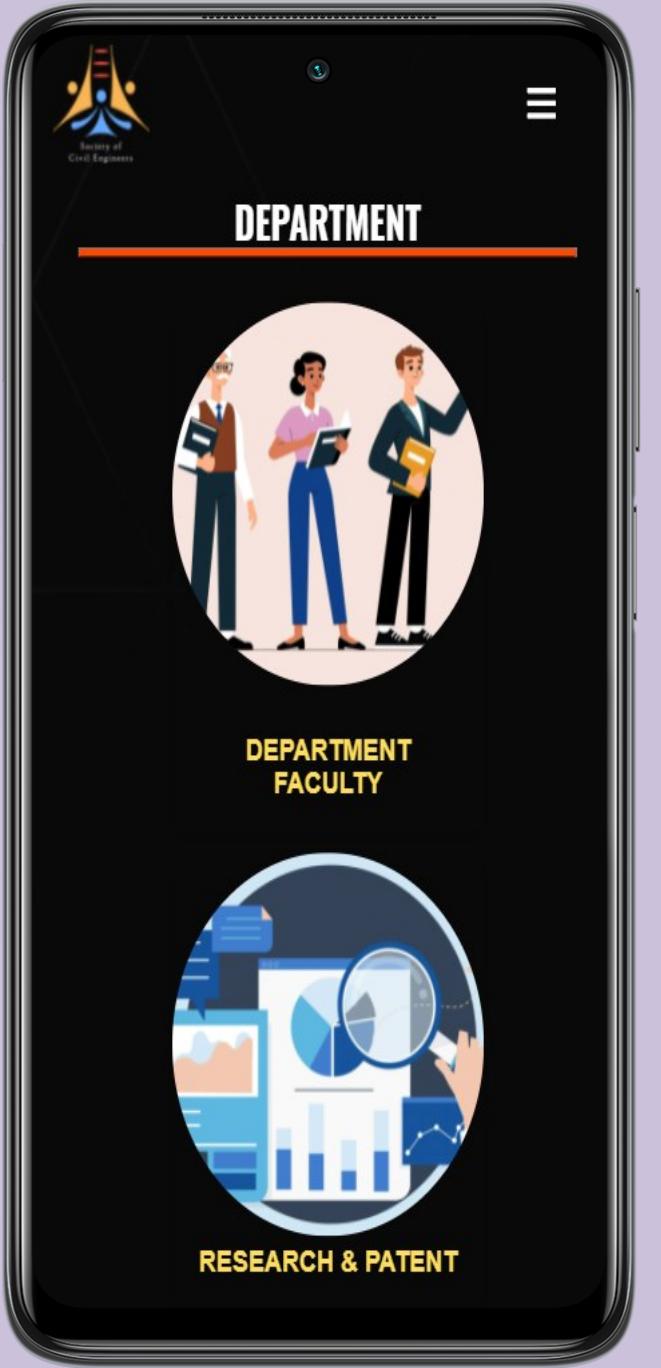
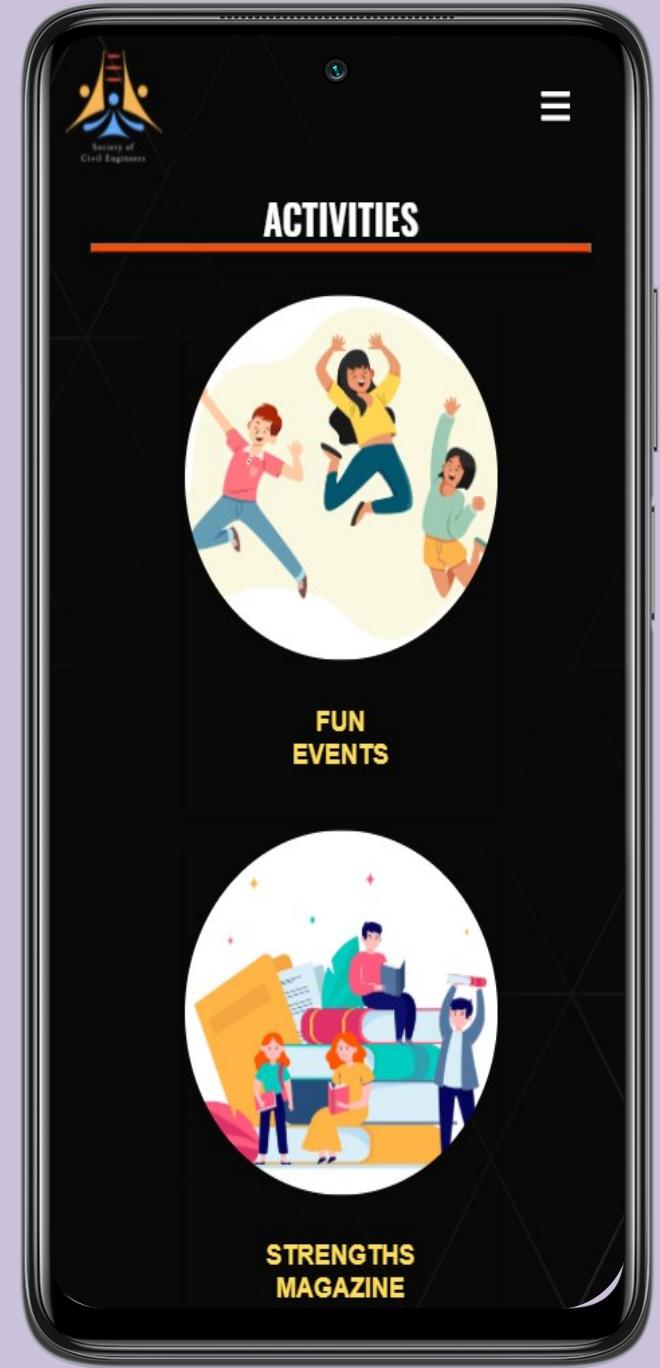
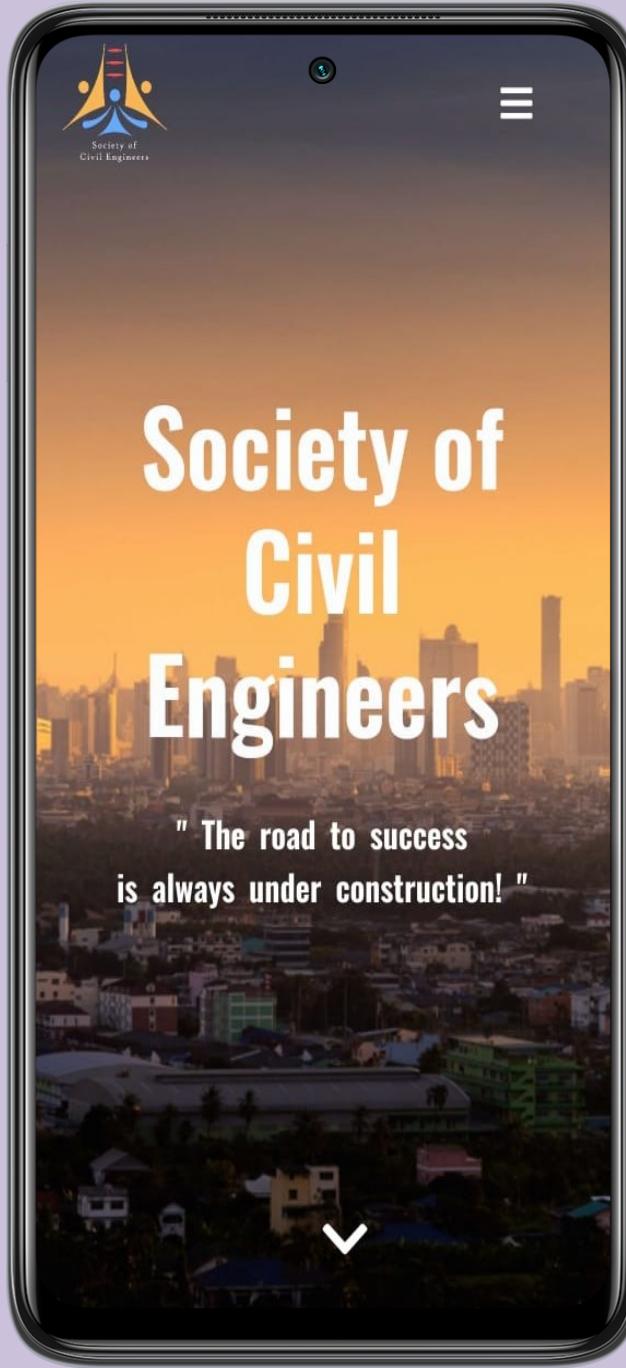
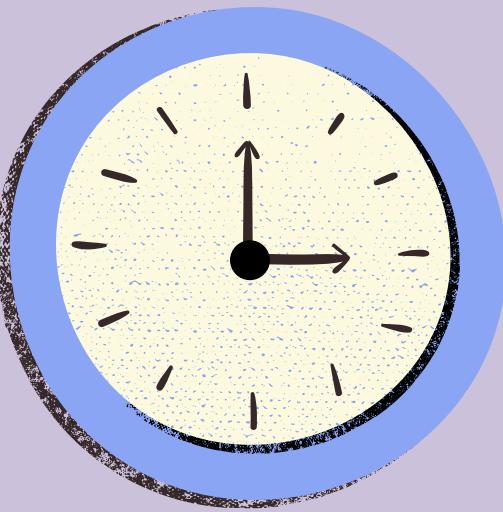
Yuvraj



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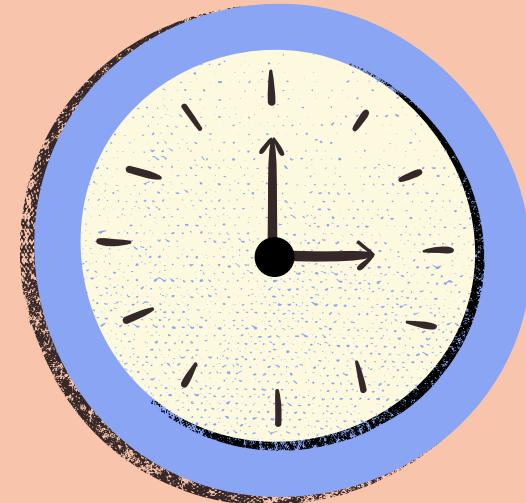


Some snapshots of Website



SoCE, IIT Kanpur

<https://soce-iitk.herokuapp.com>

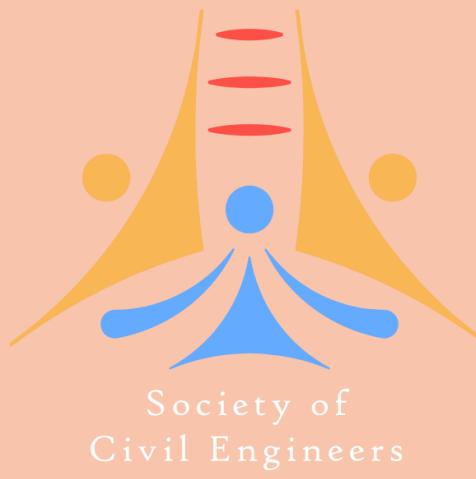


QUIZ TIME

Let's have a fun quiz for Y21



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Surprise



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GAME NIGHT



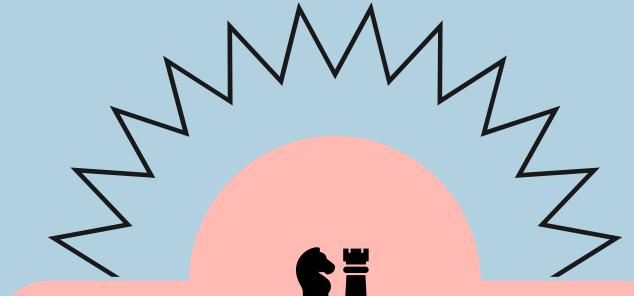
Scribbl.io



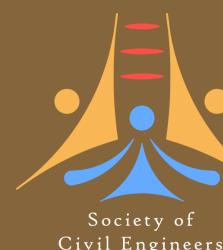
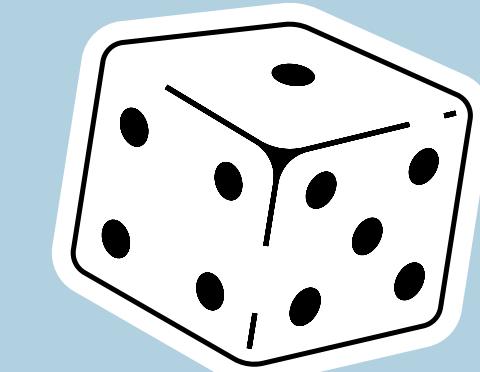
Smash



BGMI

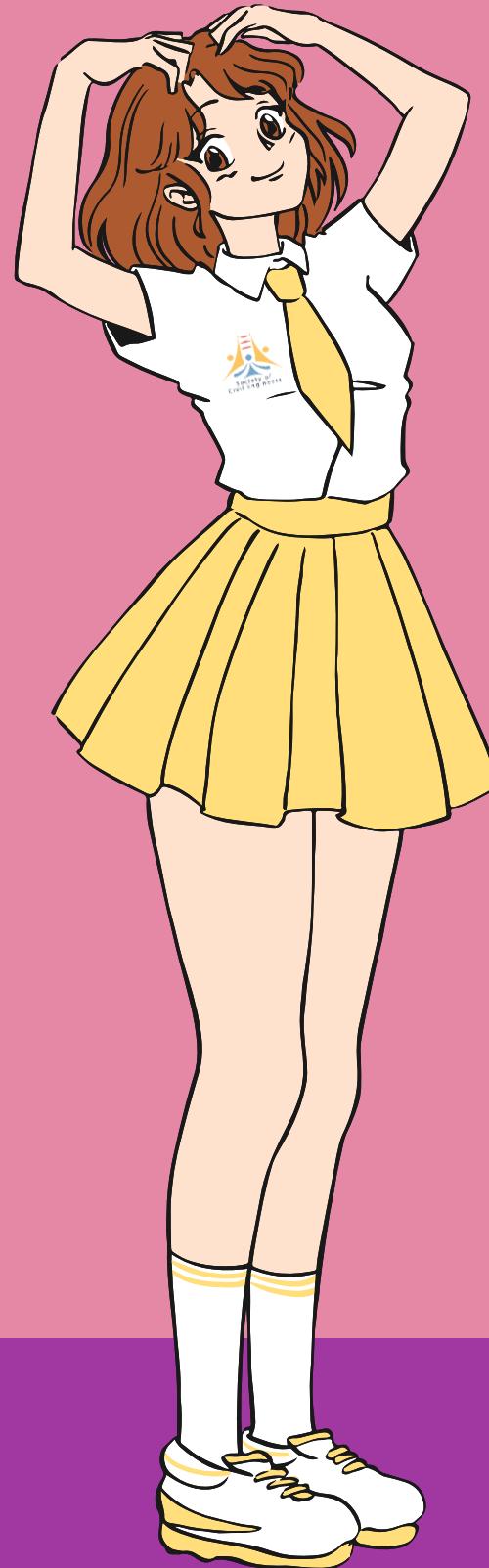


Chess



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FRESHERS' NIGHT



Music,
HSS



Dance



Fine Arts

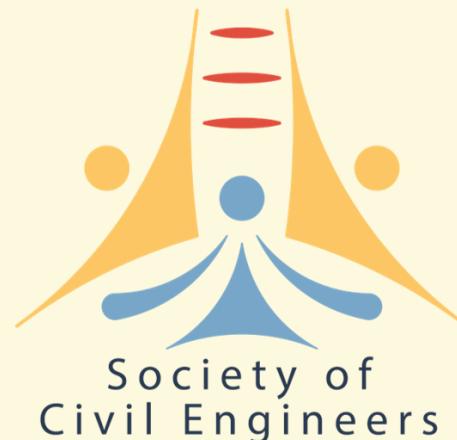
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Thank you!

Do you have any questions for us?



PPT Designed by: Aman Kumar Singh