SREE NARAYANA GURUKULAM COLLEGE OF ENGINEERING KADAYIRUPPU

DEPARTMENT OF CIVIL ENGINEERING PRESENTS

IDEATHON-2K19

INSPIRE IDEATE INNOVATE

Important Dates

- Last date for submission of online Registration form : 11/4/2019
- Idea presentation of the selected Participants : 19/4/2019
- Final presentation on : 27/4/19 & 28/4/2019

CONTACT : CICILY BAIJU-C8
TITUS P ALIAS-C8

Registration Details

- Participants should register through the Google form.

- There is no registration fee.

- This is a team participation challenge. You can have 2 to 4 members in your team.

- A draft idea should be uploaded in the Google form in any of the following format:

Power point (PPT) [Maximum 5 slides]
Word Doc. (Maximum 1–2 pages)

EVALUATION PROCESS DETAILS:

YOU ARE EXPECTED TO COME UP WITH NEW AND INNOVATIVE IDEAS:
ANY IDEA THAT HAS BEEN COPIED FROM SOMEWHERE WILL BE DISQUALIFIED.

THERE WILL BE AN INITIAL SCREENING OF 'IDEA PRESENTATION' BY OUR TECHNICAL PANEL.

ONLY THE SELECTED PARTICIPANTS WILL BE INVITED TO FOR THE FINAL PRESENTATION BEFORE THE EVALUATION COMMITTEE

THE MAXIMUM DURATION OF THE PRESENTATION SHOULD BE 10 MINUTES FOLLOWED BY 2 MINUTES DISCUSSION.

ALL PROJECTS WILL BE EVALUATED BY A PANEL OF JUDGES BASED ON THE FOLLOWING CRITERIA:

- SOCIAL RELEVANCE
- NOVELTY OF THE IDEA
- VIABILITY OF THE IDEA

TOPICS

Low Cost Housing

Smart Traffic

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REPORT

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IDEATHON- 2k19 was organized by the Department of Civil Engineering in association with Civil Engineering Association. 11 teams participated in the event. The event aimed to foster creative thinking and innovation, bringing together individuals from diverse backgrounds and expertise to develop solutions for two critical urban challenges: affordable housing and efficient traffic management.

Event Highlights:

1. Registration and Participant Demographics:

   - The event saw an enthusiastic participation of 11 TEAMS.

2. Keynote Addresses:

   - The event began with inspiring keynote addresses from Dr. Usha S, HOD, Department of Civil Engineering, on the topic housing and traffic management.

3. Ideation Sessions:

   - Participants were divided into teams, with each team consisting of a diverse set of skills and knowledge.

   - Teams were provided with access to relevant data, research materials, and mentorship from experts in both areas.

4. Low-Cost Housing:

   - Teams focused on designing affordable housing solutions that could be implemented in urban and rural areas.

   - Ideas ranged from innovative construction materials to sustainable and space-efficient designs.

   - Concepts emphasized affordability, energy efficiency, and inclusivity.

5. Smart Traffic:

   - Teams worked on solutions to improve traffic management, reduce congestion, and enhance road safety.

   - Ideas included intelligent traffic signal systems, real-time data analytics, and smart parking solutions.

   - Concepts aimed to optimize traffic flow and reduce environmental impact.

6. Presentation and Judging:

   - Each team presented their ideas and concepts to a panel of judges.

   - Judges evaluated the presentations based on innovation, feasibility, and potential impact.

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7. Winners and Prizes:

- The first, second, and third-place winners were announced in both the Low-Cost Housing and Smart Traffic categories.

First prize was awarded to the team who presented on the topic **"ECO DESIGNS IN BUILDING".** The idea was based on various methods that can adopted for economical design and construction of a building. The team was able to bring forth the potential of using waste material as a replacement for conventional building materials. Low-cost housing methods were distinctly presented before the panel. The members of the team were Midhun Sathyan, Krishapriya M V, Surya Narayanan, Minu Raj- C8 B.
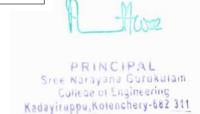
Sample of Presentation by students

ECO DESIGNS IN BUILDING

GROUP MEMBERS
MIDHUN SATHYAN
KRISHNAPRIYA M V
SURYA NARAYANAN
MINU RAJ

WHY PLASTIC RECYCLING IS NECESSORY

- The increasing rate of pollution due to plastics

- Commonly the burning system of plastic is adopted

- We can reduce the rate of pollution

- Use and throw system of people

- Lack of technology development

- Deficiency of natural resources

- It helps Self Help Group and other groups

PARTICIPANT LIST

TEAM NO	GROUP MEMBERS
TEAM-1	Mary Grace Bud James
	Mekha CS
	Surya Sunny
	Hrithik Alias
TEAM-2	Adarsh T Anil
	Basil Kuriakose
	Cris Sabu Mathew
	Farhan V I
TEAM-3	Abhishek Babu
	Antony Varghese
	Aslam Shamsudheen
TEAM-4	Mohammed Rameez C A
	Pranav Pavithran
	Remya Ravindran
	Saritha N Suresh
TEAM-5	Greeshma Sreekumar
	Jennat Susan Paul
	Sherin John
TEAM-6	AKSHARA SUNIL
	SIV SAJAYAN
	RESHMA RAJMOHAN
TEAM-7	Kiran Prem O K
	P Kamal
	Pranav M
	Vishnuraj S
TEAM-8	Alfin Baby
	Anakha Santhosh
	Anakha Varghese
	C H Nandulal
TEAM-9	Sooraj Suthish
	P. Gokul
	Minna Mary Jose
	V. Aswin Krishnan
TEAM-10	Deviprasad A J
	Devika J
	Cicily Biju
	Archana Theres
TEAM-11	Afnitha M Aliyar
	Akhalya Shaji
	Carmala Joy
	Shilpa M P

Rules for the final presentation:

- A PPT presentation is mandatory for all the shortlisted teams.
- Selected teams shall prepare a PRESENTATION for 10 minutes.
- Any member of the team shall give the presentation.
- The presentation shall be followed by a question answer round where the judges shall ask questions regarding the presentation.
- All team members MUST participate in this session of question answer.
- A copy of the presentation should be mailed prior to the final event which will be informed after first round of the competition.

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SREE NARAYANA GURUKULAM COLLEGE OF ENGINEERING KADAYIRUPPU

DEPARTMENT OF CIVIL ENGINEERING PRESENTS

IDEATHON-2K21

INSPIRE IDEATE INNOVATE

Important Dates
- Last date for submission of online Registration form : 6/3/2021
- Idea presentation of the selected Participants : 14/4/2021
- Final presentation on : 23/4/2021

CONTACT : MARY GRACE VIDHU PRASAD

Registration Details

- Participants should register through the Google form.

- There is no registration fee.

- This is a team participation challenge. You can have 2 to 4 members in your team.

- A draft idea should be uploaded in the Google form in any of the following format:

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- NOVELTY OF THE IDEA
- SUSTAINABLE CONSTRUCTION

TOPIC

ADVANCED CONSTRUCTION TECHNIQUES

REPORT

IDEATHON- 2k21 was organized by the Department of Civil Engineering in association with Civil Engineering Association. 9 teams participated in the event. Participants were invited to present their innovative ideas related to advanced construction techniques. Ideas covered a wide range of topics, including sustainable construction, smart building materials, automation and robotics, and digital Modeling.

First prize was awarded to the team who presented on the topic **"PRECAST HOLLOW CONCRETE PAVEMENT".** The winning team's project, SPHCP, exemplified the potential for precast hollow concrete pavement to transform the industry. The event not only recognized outstanding ideas but also provided a platform for knowledge sharing and networking, ultimately contributing to the advancement of sustainable infrastructure solutions. Their proposal not only demonstrated exceptional innovation but also addressed key challenges in the construction industry. The winning team's project, titled "Sustainable Precast Hollow Concrete Pavement (SPHCP)," was a truly remarkable concept.
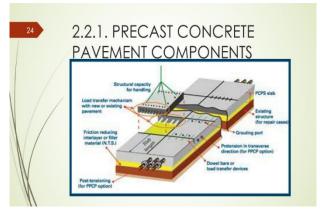
This Ideathon event set a strong precedent for future initiatives in the construction sector, and it was an invaluable opportunity for the exchange of ideas, collaboration, and the promotion of sustainable practices in the industry. The event yielded a plethora of innovative ideas, ranging from sustainable construction materials to cutting-edge construction technologies and improved project management approaches.

Sample of Presentation by students

PARTICIPANT LIST

TEAM NO	GROUP MEMBERS
	Mary Grace Bud James
	Mekha CS
	Surya Sunny
TEAM-1	Hrithik Alias
	THOMAS POIKATTIL
	SRUTHY SANTHOSH
	APARNA JAYAPRAKASH
TEAM-2	ARCHA ROY
	AKSHARA SUNIL
	SIV SAJAYAN
TEAM-3	RESHMA RAJMOHAN
	Muhammad Shafi V S
	Nidhin S
	Amrita P Surendran
TEAM-4	Vidhya Murali
	Aruna Manikuttan
	Kiran Sajeev
TEAM-5	Arya Sukumaran
	Ansu Johny
	Gokul K P
TEAM-6	Silpa T S
	ABHINEETH A S
	ASHISH ABRAHAM MATHEW
	PAVITHRA SANJEEV
TEAM-7	DINEESHA SHAJI
	DINADEV SAHAJ
	ANLY PAUL GEORGE
	PRIYADHARSINI N G
TEAM-8	RAJAPRABHA V S NAIR
	Akshaya
	Gokul Sathyan
	Gopika Sajan
TEAM-9	Harikrishna S

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FIRST PRIZE

IPL INNOVATORS' PREMIER LEAGUE

IDEATHON 2021
WINNER

Adhidev Vinod
2nd Year
Dept. of Naval Architecture and Ship Building

Congratulations

IPL INNOVATORS' PREMIER LEAGUE

HACKATHON 2021
WINNER

FIRST PRIZE

Joel Eldo
3rd Year
Dept. of Computer science and Engineering

Congratulations