



SRI VENKATESWARA COLLEGE OF ENGINEERING



DEPARTMENT OF CIVIL ENGINEERING

&

CIVIL ENGINEERING ASSOCIATION (CEA)

A Report of

“INSPIRE 2K22”

28th APRIL 2022



An Autonomous Institution-Affiliated to Anna University
Pennalur ,Sriperumbudur (Tk) - 602117

CIVIL ENGINEERING ASSOCIATION

Proudly presents

“INSPIRE 2K22”

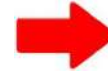
Make the impossible! possible!

What is INSPIRE 2K22?



INSPIRE 2K22 is an inter college event open to UG and Diploma Civil Engineering students. The ultimate aim of the event is to nurture the innovative ideas among the students community.

Registration link : <https://forms.gle/uK78HN3WiDcAZ9AH9>



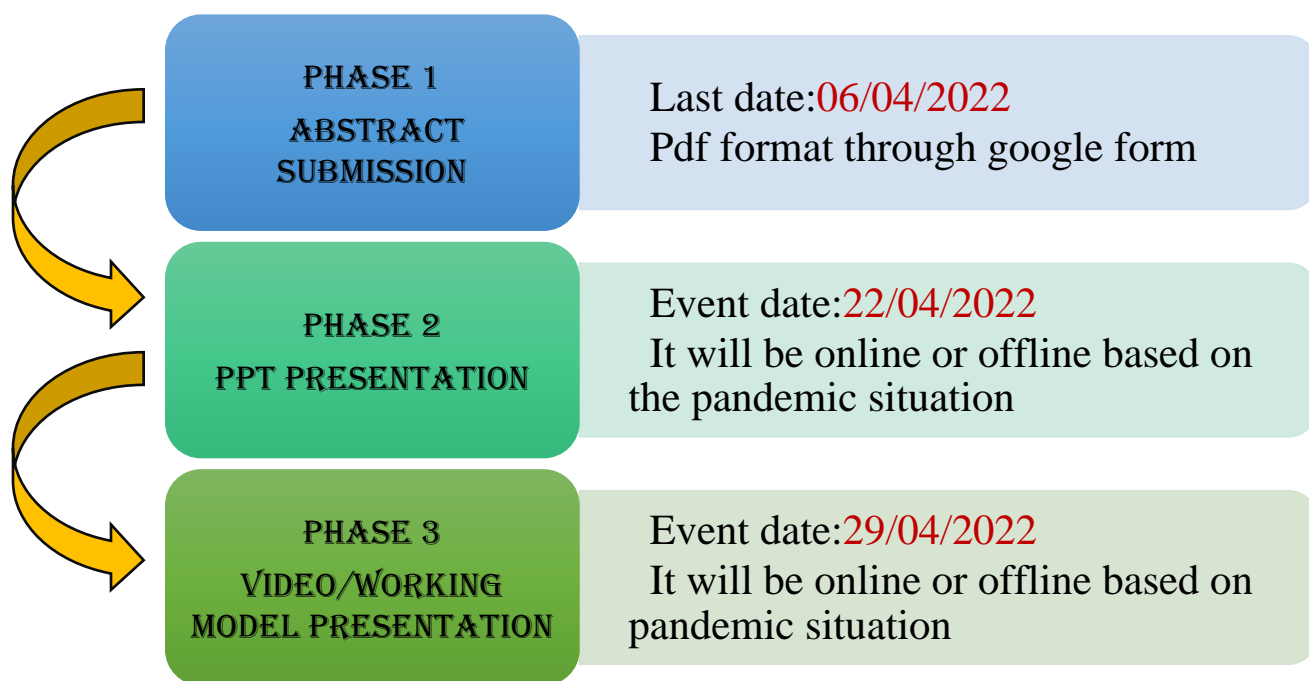
THINK ?

PLAN...

WORK!

IMPORTANT DATES FOR THE EVENT

Registration starts: 09-03-2022	Registration closes: 21-03-2022
Phase 1 Abstract submission last date	06.04.2022
Phase 2 Presentation	22.04.2022
Phase 3 Presentation & Proceedings	29.04.2022



- **NOTE: Detailed information of all the three phases is given in the rules and guidelines.**

TOPICS FOR THE PROJECT

S.NO	TOPICS
1.	Innovative Materials for construction
2.	Application of GIS & GPS in Civil Engineering
3.	Green Buildings & Smart cities
4.	Intelligent Transportation systems
5.	Water conservation and rainwater harvesting
6.	Digitalization in construction (Use of AI,IoTetc)
7.	Sustainability in building construction (Eco friendly construction practices)
8.	Innovative ideas on pollution control methods
9.	Ground improvement techniques
10.	Water & Waste Water management
11.	Earthquake resistant buildings

NOTE : Any Project topics related to the Civil engineering domain can be done but not restricted to the list given above.

RULES AND GUIDELINES

GENERAL GUIDELINES :

- It is a team event of two members.
 - 1 - Leader ; 1 - Team member
- Leader of the team is allowed to register for the event.
- A participant cannot be a part of more than one team and each team can work only on one topic.
- Any information regarding the event will be conveyed to the team leader through Email or whatsapp.
- Event will consist of three Phases.
 - Phase 1 - Abstract submission
 - Phase 2 – Powerpoint presentation
 - Phase 3 - Video / working model presentation
- In each phase teams will get shortlisted for further phases.
- Plagiarism is not allowed.

PHASE 1 - ABSTRACT SUBMISSION :

- Abstract should be between 200-300 words and it should not exceed two pages.
- It should contain the title of the project, name of the team, team members name, register number, Branch of study, Email Id and college name in a neat tabular column.
- Font should be in Times New Roman of size 14.
- Team Leader should submit the abstract as PDF through the link given below.
- **Google form link:** <https://forms.gle/39Qie7CB426e6RdS6>
- PDF name should be the topic of your project.
- Submission of abstract after the deadline will not be accepted.

PHASE 2 – PRESENTATION:

- Participants should prepare the PPT of their Project.
- Time limit for each presentation is 10 minutes.
- After the presentation, judges will be questioning for 3 minutes.
- All the participants should take part in the presentation.
- Project will be evaluated based on :
 - The Idea chosen
 - Way of presentation
 - Content explanation
 - Level of innovation

PHASE 3 - VIDEO / WORKING MODEL PRESENTATION :

- Participants should prepare the complete video presentation/ working model for their work of duration 10 minutes .
- After the presentation ,Judges will be questioning for 3 minutes
- Video presentation should contain all the team members working for the Project in each stage. If it is a working model, the team should make the model work before the judges.
- Video presentation / working model will be evaluated based on :
 - Work done for the project by the team
 - Creativity level
 - Final conclusion

PERKS

- **Merit Certificates and exciting prizes will be given for winners.**
- **E -Certificate will be given for all the participants**

ORGANIZING COMMITTEE

CONVENOR:

Dr R Kumutha (Professor & Head / Civil Engg. ,SVCE)

FACULTY COORDINATORS:

Mr.R.Kalaivannan AP/CE ,SVCE

Mr.S.Hariswaran AP/CE ,SVCE

STUDENT COORDINATORS:

Jenisha.A (III year / CE)

Jenani.M (III year / CE)

Retheka Shivakumar (II year / CE)

CONTACT US

- ❖ AbishekMurali (*President , CEA*)
Phone number : 8754999315
- ❖ Jenisha A (*Senior executive member , CEA*)
Whatsapp : 7397317516
- ❖ Jenani M (*Senior executive member , CEA*)
Whatsapp : 9445287190
- ❖ Laleeth Kumar D (*Senior executive member , CEA*)
Phone number : 8925418684

Email Id : inspire2k22@gmail.com

Instagram : [https://instagram.com/cea_svce?utm_medium=copy link](https://instagram.com/cea_svce?utm_medium=copy_link)

LinkedIn : <https://www.linkedin.com/in/cea-svce>

**DEPARTMENT OF CIVIL ENGINEERING
CIVIL ENGINEERING ASSOCIATION**

INSPIRE 2K22

EVENT REPORT

Date: - 28.04.2022

Time: - 9.00 am to 3.00 pm

Venue: - Function Hall, SVCE

Meet link: - <https://meet.google.com/yqm-jqft-ugt>

Chief Guest and Judges: -

- Er.S.B.Dhinakaran G, Technical Manager, Ultratech Cement Limited, Chennai
- Er.R.Prakash, Past state chairman, Builder's Association of India (Tamilnadu, Puducherry, ANDAMAN & NICOBAR) & Founder PRAKASH ENGINEERING CONSTRUCTION, KANCHIPURAM

Student Coordinators: -

- Laleeth Kumar D (IIIrd year, Civil Engg.)
- Jenisha A (IIIrd year, Civil Engg.)
- Jenani M (IIIrd year, Civil Engg.)
- Harshavarthani G (IIIrd year, Civil Engg.)

Faculty Coordinators

- Mr.Kalaivannan R ,Assistant Professor ,Dept of Civil Engg , SVCE
- Mr.Hariswaran S ,Assistant Professor , Dept of Civil Engg. , SVCE

Convenor

- Dr.R.Kumutha, Professor & Head/Civil Engg.

Target Audience: -

Students (Both Internal and External Participants)

Host: -

- Ms. Jenisha A (IIIrd year, Civil Engg.)

Participants: -

No of teams registered: - 27

No of teams shortlisted for the final presentation: - 22

No of teams participated in the event: - 13



BROCHURE OF THE EVENT

SVCE

Sri Venkateswara
College of
Engineering



An Autonomous Institution, Affiliated to Anna University,
Pennalur, Sriperumbudur

Civil Engineering Association
Proudly Presents

"INSPIRE 2K22"

make the impossible! possible!

Eligibility - Open to all Civil Engineering
students and Polytechnic students

Covenor :-

Dr R Kumutha
(Prof & HOD CIV engg)

Faculty Coordinator :-

Mr R Kalaiyandhan (Asst. Prof. CIV engg)

Mr S Hariswaran (Asst. Prof. CIV engg)

Student Coordinators :-

Jenani M (III yr CIV engg)

Jenisha A (III yr CIV engg)

Rethika Shiyakumar (III yr CIV engg)



Scan to
register

✉ Inspire2k22@gmail.com
@cea_svce | @cea_svce



BRIEF REPORT ON INSPIRE 2K22 EVENT

The event started with the Thamizh Thaaai Vazhthu. The host of the day was **Jenisha A** from 3rd yr Civil engineering. Welcome address and a brief introduction about the chief guest were given by **Dr R Kumutha mam, Head of the Department, Civil Engineering.**

Then our chief guest **Er.S.B.Dhinakaran G** sir gave us deep insight on the job offers in the construction industry and how to get into the jobs offered by the construction industry in detail. Then our chief guest of the day was presented a memento by our beloved HOD mam.

The project display has started followed by the inauguration function. Many participants from other colleges and our own college presented their ideas in this event. The project display was conducted in the drawing hall.

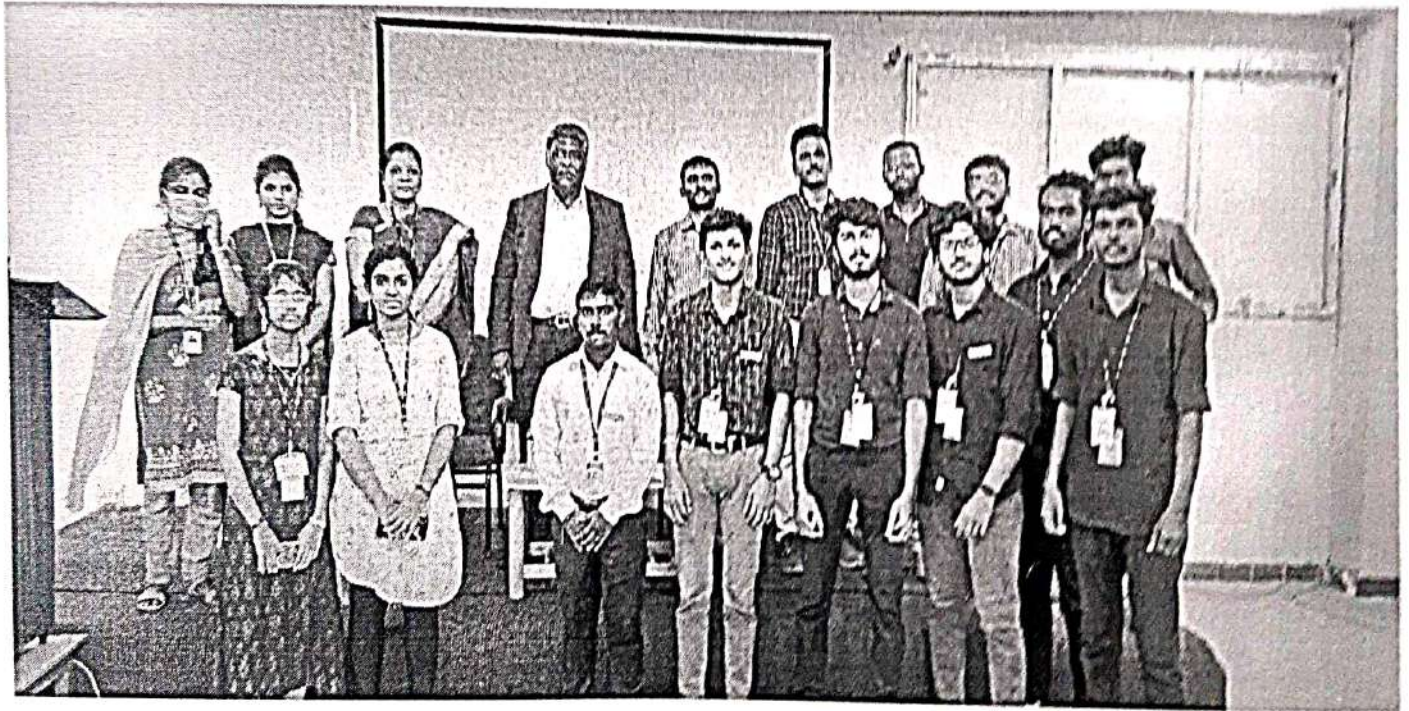
The judges on the day were **Er.S.B.Dhinakaran G** sir , **Er.R.Prakash** sir. They judged the project and were also giving tips to them on how to implement the project and take it to the next level.

Many projects were astonishing and huge which made the judge's decision so difficult. The participants who cannot present the idea in person were showcased their idea through online mode.

Results were decided by our judges and winners and runners of the event were given cash prizes with certificates by **Er.R.Prakash** and **Dr R Kumutha, Head of the Department** at the valedictory function. The event ended it with the National anthem.



Photos of the Event: -



Winners of the Event

Internal Participants: -

Prize	Team name, Year & Team code	Team Members	Name of the College	Project Topic
First	Titans - 2nd Year IPC005	ZaahirSha Srilekha N Rethaka Shivakumar	Sri Venkateswara College of Engineering	Pervious Concrete
Second	First Rate Engineering - 1st Year IPC006	Lomina.R Aadeshwar.S Nithila.M	Sri Venkateswara College of Engineering	Intelligent Transportation Systems
Third	Salvatore Brothers - 2nd Year IPC026	Vinu Vikram Promoth Madavan Rithick R	Sri Venkateswara College of Engineering	Interior Design and Compact Space



External Participants: -

Prize	Team name, Year & Team code	Team Members	Name of the College	Project Topic
First	Techno Spartan - 2nd Year IPC012	Shriram.S Yogeswari.S Tinu Yokesh	Easwari Engineering College	Intelligent Transportation Systems
Second	Team VVCE - 4th Year IPC018	Nandushree N Supreeth R Karthik Kumar B	Vidyavardhaka College Of Engineering	Sustainable Solutions for Slope Stabilization Using Vetiver Grass Roots.
Third	Civil Talks - 2nd Year IPC016	Narasimma Moorthy S Pavan Raj.N Vignesh.B	Easwari Engineering College	Smart Ground System for Rainwater Harvesting Using Idr And Turbidity Sensors

[Handwritten Signature]
Signature of the Coordinator.

[Handwritten Signature]
Signature of HOD/CVE.



An Autonomous institution, Affiliated to Anna University,
Pennalur, Sriperumbudur

DEPARTMENT OF CIVIL ENGINEERING

CIVIL ENGINEERING ASSOCIATION (CEA)

CORDIALLY INVITE

INSPIRE 2K22

(An Intercollegiate Innovative Project Contest)

DISCOVER, DESIGN AND DEVELOP

"INAUGURAL CEREMONY"

CHIEF GUEST

MR. S. B. DHINAGARAN
*Technical Manager, Ultratech Cement
limited, Chennai*

ALL ARE INVITED

Venue

Leo Hall, SVCE

Date & Time

28.04.2022 (9:30am)

Student Coordinators

A Jenisha (III Yr)
Aleeth Kumar (III Yr)
M Jenani (III Yr)

Faculty Coordinators

Mr R Kalaivannan (AP/CVE)
Mr S Hariswaran (AP/CVE)

Convener

Dr R Kumutha
(Professor & HoD / CVE)



Sri Venkateswara
College of
Engineering



DEPARTMENT OF CIVIL ENGINEERING
CIVIL ENGINEERING ASSOCIATION
INSPIRE 2K22

AGENDA FOR INAUGURATION

TIMING	PROGRAMME
09:30 - 09:35 am	Invocation Song
09:35 - 09:40 am	Welcome Address By Dr.R.Kumutha Professor & Head Department of Civil Engineering SVCE
09:40 - 09.45 am	Presenting Memento to the Chief Guest By Dr.R.Kumutha Professor & Head Department of Civil Engineering SVCE
09:45 - 10:15 am	Inaugural Address by Er.S.B.Dhinakaran Technical Manager Ultratech Cement Limited Chennai
10:15 - 10:30 am	Tea Break
10:30 - 12:30 pm	Project Display and Presentation



Sri Venkateswara
College of
Engineering



An Autonomous institution, Affiliated to Anna University,
Pennalur, Sriperumbudur

DEPARTMENT OF CIVIL ENGINEERING

CIVIL ENGINEERING ASSOCIATION (CEA)

INSPIRE 2K22

(An Intercollegiate Innovative Project Contest)

DISCOVER, DESIGN AND DEVELOP

"VALEDICTORY CEREMONY"

**CHIEF GUEST
ER. R. PRAKASH**

**PAST STATE CHAIRMAN, BUILDER'S ASSOCIATION OF INDIA
(TAMILNADU, ANDAMAN NICOBAR)
&
FOUNDER PRAKASH ENGINEERING
CONSTRUCTION, KANCHIPURAM**

ALL ARE INVITED

Venue

Geo Hall, SVCE

Date & Time

28.04.2022 (12:15pm)

Student Coordinators

A Jenisha (III Yr)
Aleeth Kumar (III Yr)
M Jenani (III Yr)

Faculty Coordinators

Mr R Kalavannan (AP/CVE)
Mr S Hariswaran (AP/CVE)

Convener

Dr R Kumutha
(Professor & HoD / CVE)



Sri Venkateswara
College of
Engineering



**DEPARTMENT OF CIVIL ENGINEERING
CIVIL ENGINEERING ASSOCIATION
*INSPIRE 2K22***

AGENDA FOR VALEDICTORY

TIMING	PROGRAMME
12:30 - 12:35 pm	Welcome address & Introduction to Chief Guest By Mr. Kalaivannan R Faculty Coordinator, CEA Department of Civil Engineering SVCE
12:35 - 12:40 pm	Presenting Memento to the Chief Guest By Dr.R.Kumutha Professor & Head Department of Civil Engineering SVCE
12:40 - 12:50 pm	Valedictory Address By Er.R.Prakash Past state chairman, Builder's Association of India (Tamilnadu, Puducherry, ANDAMAN & NICOBAR) & Founder PRAKASH ENGINEERING <i>CONSTRUCTION, KANCHIPURAM</i>



Sri Venkateswara
College of
Engineering



DEPARTMENT OF CIVIL ENGINEERING
CIVIL ENGINEERING ASSOCIATION
INSPIRE 2K22

AGENDA FOR VALEDICTORY

TIMING	PROGRAMME
12:30 - 12:35 pm	Welcome address & Introduction to Chief Guest By Mr. Kalaivannan R Faculty Coordinator, CEA Department of Civil Engineering SVCE
12:35 - 12:40 pm	Presenting Memento to the Chief Guest By Dr.R.Kumutha Professor & Head Department of Civil Engineering SVCE
12:40 - 12:50 pm	Valedictory Address By Er.R.Prakash Past state chairman, Builder's Association of India (Tamilnadu,Puducherry, ANDAMAN & NICOBAR) & Founder PRAKASH ENGINEERING <i>CONSTRUCTION,KANCHIPURAM</i>



Sri Venkateswara
College of
Engineering



**DEPARTMENT OF CIVIL ENGINEERING
CIVIL ENGINEERING ASSOCIATION
*INSPIRE 2K22***

AGENDA FOR VALEDICTORY

TIMING	PROGRAMME
12:30 - 12:35 pm	Welcome address & Introduction to Chief Guest By Mr. Kalaivannan R Faculty Coordinator, CEA Department of Civil Engineering SVCE
12:35 - 12:40 pm	Presenting Memento to the Chief Guest By Dr.R.Kumutha Professor & Head Department of Civil Engineering SVCE
12:40 - 12:50 pm	Valedictory Address By Er.R.Prakash Past state chairman, Builder's Association of India (Tamilnadu, Puducherry, ANDAMAN & NICOBAR) & Founder PRAKASH ENGINEERING <i>CONSTRUCTION, KANCHIPURAM</i>

12:55 - 01:05 pm	Prize Winners Announcement By Mr. Kalaiyannan R Faculty Coordinator, CEA Prize Distribution By Chief Guest & HOD CIVIL ENGINEERING
01:05 - 01:10 pm	National Anthem By Second Year Students


svce.ac.in



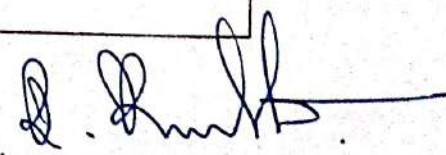


SRI VENKATESWARA COLLEGE OF ENGINEERING
FEEDBACK FROM THE SPEAKER - GUEST LECTURE

DEPARTMENT :

Name of the Speaker	: S.B. Dhinakaran.
Designation	: Manager
Institution/University/Organisation	: UltraTech Cement Ltd
Mobile / E-mail	: 9092089578 / dhinakaran@gmail.com
Title of the Lecture	: -
Date	: 28/04/2022
Time	: -
Venue	: Video Hall, SVCE
Comments by the Speaker	: Programs on well done & good arrangements. The students are well presented without panic. But some what improve communication. Good moments.
Suggestions for improvement	: during meeting the voice are coming.
Signature of the Speaker	: 


Signature of Coordinator


Signature of HOD




SRI VENKATESWARA COLLEGE OF ENGINEERING
FEEDBACK FROM THE SPEAKER - GUEST LECTURE

DEPARTMENT :

Name of the Speaker	: Er. R. Prakash
Designation	: Past State Chairman
Institution/University/Organisation	: Builders Association of Indian (TN, PDY & AN)
Mobile / E-mail	: 9382 333 333 / RPK333@gmail.com
Title of the Lecture	: -
Date	: 28.04.2022
Time	: -
Venue	: Video Hall, SVCE
Comments by the Speaker	: Really a wonderful event organised by the Civil Engg. Department. I am very much impressed by the preparation and models presented by the participants. As a Industry person from the Construction and Building Sector, I am really proud to be participants and wishes the student, very successful future.
Suggestions for improvement	: -
Signature of the Speaker	: R. Prakash


Signature of Coordinator


Signature of HOD



SRI VENKATESWARA COLLEGE OF ENGINEERING

Sriperumbudur - 602 117
(An Autonomous Institution)

(Approved by AICTE, New Delhi and affiliated to Anna University, Chennai)

DEPARTMENT OF CIVIL ENGINEERING

INSPIRE 2K22- Participants Feedback Form

Name of the student : NARASIMA MOORTHY S.

Roll Number/Reg Number : 3029.

Title of the project : SMART GROUND SYSTEM FOR RAIN WATER HARVESTING

Name of the college : EASWARI ENGINEERING COLLEGE

Comments/Feedback :

Infrastructures are good ATM must be more

Signature of the Student

Dashri



SRI VENKATESWARA COLLEGE OF ENGINEERING

Sriperumbudur – 602 117
(An Autonomous Institution)

(Approved by AICTE, New Delhi and affiliated to Anna University, Chennai)

DEPARTMENT OF CIVIL ENGINEERING

INSPIRE 2K22– Participants Feedback Form

Name of the student : B-VIGNESH

Roll Number/Reg Number : 3311

Title of the project : SMART GROUND SYSTEM FOR RAINWATER HARVESTING

Name of the college : EASWARI ENGINEERING COLLEGE

Comments/Feedback :

Instructors are good. AFM Must be improve

Signature of the Student



SRI VENKATESWARA COLLEGE OF ENGINEERING

Sriperumbudur – 602 117

(An Autonomous Institution)

(Approved by AICTE, New Delhi and affiliated to Anna University, Chennai)

DEPARTMENT OF CIVIL ENGINEERING

INSPIRE 2K22– Participants Feedback Form

Name of the student : Padmanaban . N

Roll Number/Reg Number : 190401029

Title of the project : Solid waste management using AI & Smart Bin.

Name of the college : Sri Venkateswara college of engineering

Comments/Feedback : Great event


Signature of the Student

SRI VENKATESWARA COLLEGE OF ENGINEERING

Sriperumbudur – 602 117

(An Autonomous Institution)

(Approved by AICTE, New Delhi and affiliated to Anna University, Chennai)

DEPARTMENT OF CIVIL ENGINEERING

INSPIRE 2K22– Participants Feedback Form

Name of the student : R. Keerthi Thiruman

Roll Number/Reg Number : 190401022

Title of the project : Petroleum wastewater Treatment

Name of the college : Sri Venkateswara college of Engineering

Comments/Feedback : got many new ideas from other models & also had a chance to explain our project to the level best.

R. Keerthi
Signature of the Student

SRI VENKATESWARA COLLEGE OF ENGINEERING

Sriperumbudur - 602 117

(An Autonomous Institution)

(Approved by AICTE, New Delhi and affiliated to Anna University, Chennai)

DEPARTMENT OF CIVIL ENGINEERING

INSPIRE 2K22- Participants Feedback Form


Name of the student : Brithisha.s

Roll Number/Reg Number : 2019CE0624

Title of the project : Rotating building .

Name of the college : SVCE.

Comments/Feedback : It was very motivative & got many new ideas from others model.



Signature of the Student



SRI VENKATESWARA COLLEGE OF ENGINEERING

Sriperumbudur - 602 117
(An Autonomous Institution)

(Approved by AICTE, New Delhi and affiliated to Anna University, Chennai)

DEPARTMENT OF CIVIL ENGINEERING

INSPIRE 2K22- Participants Feedback Form

Name of the student : N. PAVAN RAS

Roll Number/Reg Number : 310620103029

Title of the project : Smart ground system for Rainwater
harvesting

Name of the college : EASWARI ENGINEERING COLLEGE

Comments/Feedback : Project day is good.

Signature of the Student



SRI VENKATESWARA COLLEGE OF ENGINEERING

Sriperumbudur - 602 117

(An Autonomous Institution)

(Approved by AICTE, New Delhi and affiliated to Anna University, Chennai)

DEPARTMENT OF CIVIL ENGINEERING

INSPIRE 2K22- Participants Feedback Form

Name of the student : S. Shrisam
Roll Number/Reg Number : 310620103037
Title of the project : Smart Lanes for preventing Accidents Using Reed Sensors
and ultra sonic distance sensors.
Name of the college :
Comments/Feedback : Project was very good. Content must be improved with digital transactions.


Signature of the Student



SRI VENKATESWARA COLLEGE OF ENGINEERING

Sriperumbudur – 602 117

(An Autonomous Institution)

(Approved by AICTE, New Delhi and affiliated to Anna University, Chennai)

DEPARTMENT OF CIVIL ENGINEERING

INSPIRE 2K22– Participants Feedback Form

Name of the student : S. TANU YOGESH

Roll Number/Reg Number : 3106 20103043

Title of the project : SMART LAMES FOR PREVENTING ROAD ACCIDENTS USING REED SENSORS
AND ULTRASONICS DISTANCE SENSORS

Name of the college : EARSWAR ENGINEERING COLLEGE

Comments/Feedback : CANTEEN MUST BE IMPROVED A LOT

Signature of the Student

SRI VENKATESWARA COLLEGE OF ENGINEERING

Sriperumbudur – 602 117

(An Autonomous Institution)

(Approved by AICTE, New Delhi and affiliated to Anna University, Chennai)

DEPARTMENT OF CIVIL ENGINEERING

INSPIRE 2K22– Participants Feedback Form

Name of the student : *Abinaya . D*

Roll Number/Reg Number : *IPC015*

Title of the project : *Grey Water Recycling*

Name of the college : *SSN college of Engineering*

Comments/Feedback : *It's good !*



Signature of the Student



SRI VENKATESWARA COLLEGE OF ENGINEERING

Sriperumbudur – 602 117


(An Autonomous Institution)

(Approved by AICTE, New Delhi and affiliated to Anna University, Chennai)

DEPARTMENT OF CIVIL ENGINEERING

INSPIRE 2K22– Participants Feedback Form

Name of the student : MAHALAKSHMI G
Roll Number/Reg Number : IPC015
Title of the project : Grey water Recycling
Name of the college : SSN college of Engineering
Comments/Feedback : Good!


Signature of the Student