

INSTITUTION'S INNOVATION COUNCIL

Letter No: PERIIT/IIC/2022-2023/002

24.08.2022

Circular

All the Department Coordinators are requested to attend the meeting in IIC regarding the various upcoming events on 25.08.2022 at 2.00 pm.


Vice president

Copy to:

- Principal
- Vice Principal
- HODs of all departments
- IIC Department Coordinators

INSTITUTION'S INNOVATION COUNCIL

Minutes of the Meeting

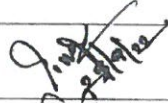


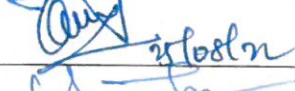


Date: 25.08.2022

Time: 2.00 PM

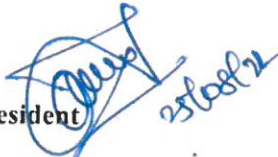
Venue: IIC Room

The following are the points that were discussed during the meeting:

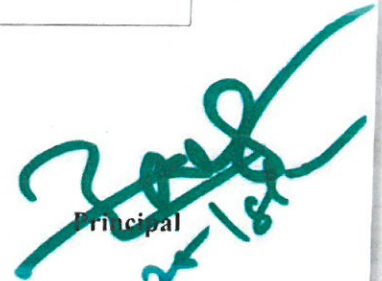
1. The cell has planned to conduct a Program on Intellectual Property Rights on 1.9.2022. The Guest Speaker for the event is Shri A. Laxminarayanan ,Pattern and design Nipam Officer IPR GOI.
2. Coordinators are requested to submit the details of alumni entrepreneurs in their respective department.
3. Coordinators, should motivate and promote among the students the idea about Entrepreneurship and IIC.

Department Coordinators	Signature:
Mr.D.Manoj Kumar-AP-CIVIL	
Mr.P.Vijayanarayanan-AP-CSE	
Mrs.M.Renuga-AP-ECE	
Mr.R.Tamilamuthan-AP-EEE	
Mr.V.Sounthararasu-AP-MECH	
Mrs.Pooja.R.Srivenkatesan-AP-S&H	

Vice president



Principal



Dr. R. PALSON KENNEDY, M.E., Ph.D.
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PERI INSTITUTE OF TECHNOLOGY
Mannivakkam, Chennai - 600 048.



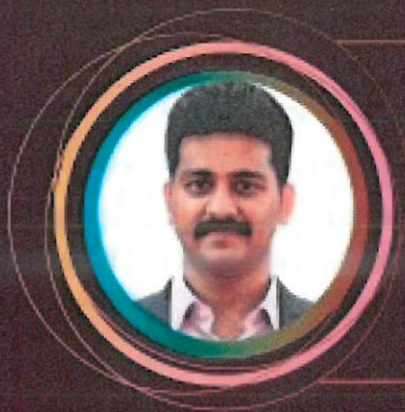
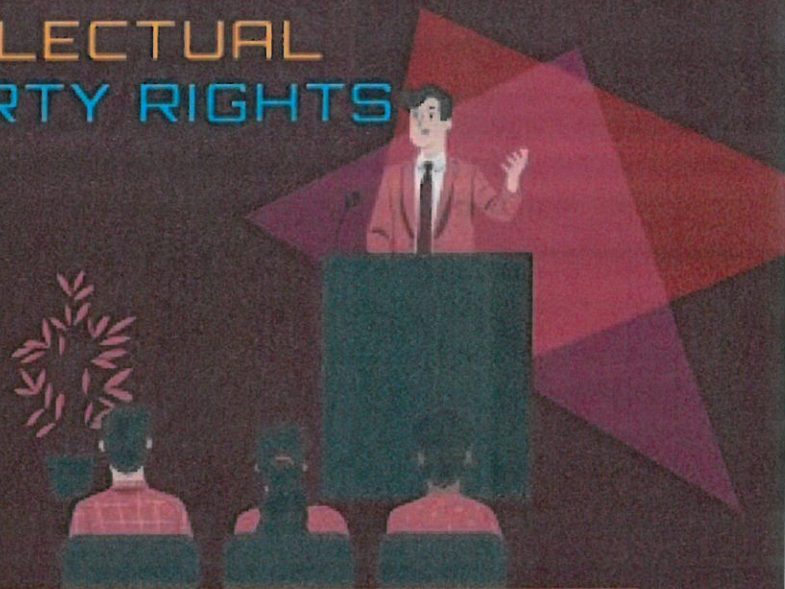
PERI

INSTITUTE OF TECHNOLOGY

1 SEP 2022
10:30 AM

PERI IT -EDC
INVITES ALL FOR THE
COGNIZE PROGRAM ON

INTELLECTUAL PROPERTY RIGHTS



Resource Person:

Shri. Lakshmi Narayanan A

Examiner of Patents & Designs, Nipam Officer (Group 'A' Gazette), Intellectual Property Office, Govt. of India.

Dr. R. PALSON KENNEDY

Principal

Mr. B. MAGESH

Vice-Principal

Mr. R. TAMILAMUTHAN

Coordinator-EDC

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ENTREPRENEURSHIP DEVELOPMENT CELL

Cognize Program on Intellectual Property Rights 1st SEP 2022

PERIIT's Entrepreneurship Development Cell organized a Cognize program on Intellectual Property Rights. The Guest speaker for the event was Shri. A. Lakshmi Narayanan, Examiner of Patents and design, Nipam Officer (group A), IPR GOI. The event started with Tamiltahi Vazhthu followed by Lighting of the Kuthuvilaku. The welcome address was delivered by Principal Dr. R. Palson Kennedy. The Chief Guest was introduced by Mr. R. Tamilamuthan, Coordinator of EDC.



Fig 1. Stand-up ovation for Tamil Thai Vazhthu

R. Palson Kennedy
Dr. R. PALSON KENNEDY, M.E., Ph.D
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ENTREPRENEURSHIP DEVELOPMENT CELL



Fig 2. Principal Dr. R. Palson Kennedy addressing the gathering

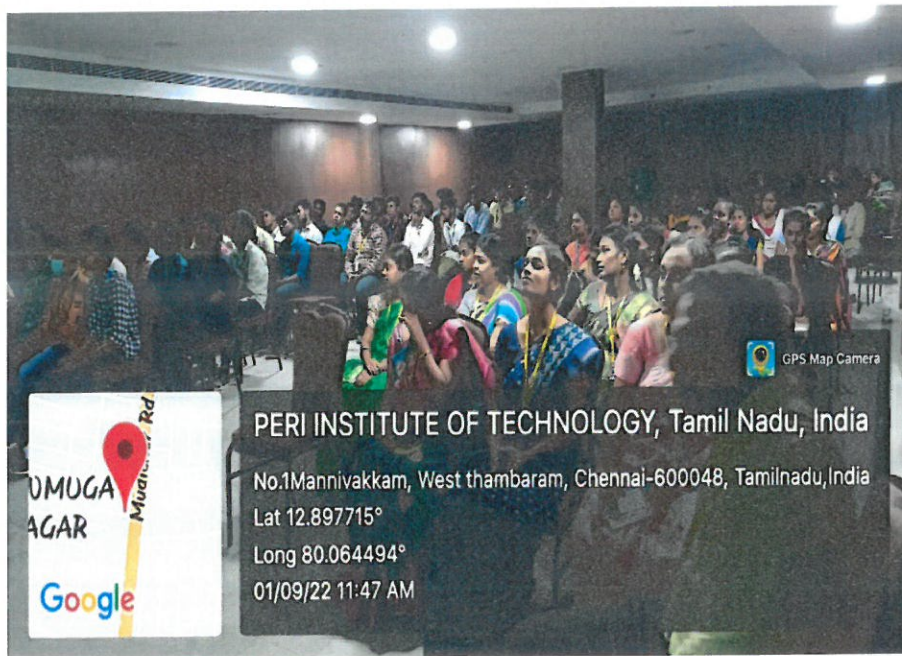


Fig 3. Audience listening the programme

R. Palson Kennedy
DR. R. PALSON KENNEDY, M.E., P.
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ENTREPRENEURSHIP DEVELOPMENT CELL

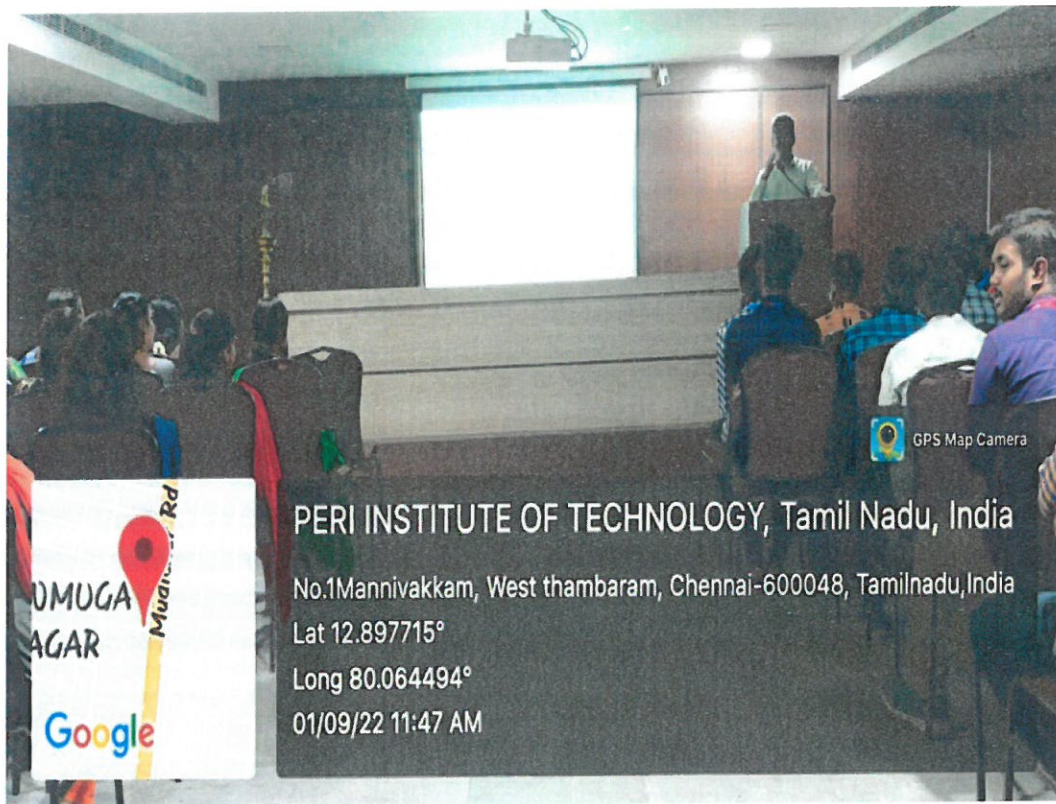



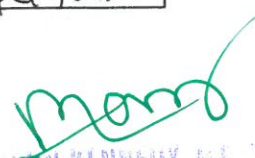
Fig 4. Chief Guest Mr. Shri. A. Lakshmi Narayanan addressing the gathering

The Chief Guest gave a very illuminating and eye opening speech on Intellectual Property Rights. He spoke on the various patents available, provisions and the procedures to apply for patents. He spoke on the importance of protecting ones Intellectual Property and also the advantages of protecting the same.

Overall, the session was an eye-opener for both the students and faculty members. The students expressed contentment for arranging this session for them. The students and faculties from the various departments were participated in the program.


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PERI INSTITUTE OF TECHNOLOGY				
PERIIT-IIC				
2022-2023				
Students participant attendance sheet				
Event name: Cognize program on Intellectual Property Rights				
Venue: Conference hall			Date: 01.09.2022	
S.No.	Register no.	Name	Class	Sign.
1	411521103005	Gokul Chandran	2CIVIL	Gokul
2	411521103011	Thunga Sireesh S	2CIVIL	Thunga
3	411521103009	Tharun D	2CIVIL	Tharun
4	411520103003	Gokulnath H	3CIVIL	Gokulnath
5	411520103004	Guneshdharan K	3CIVIL	Gunesh
6	411520103007	Saravanan M	3CIVIL	Saravanan
7	411520103306	Kandeeban P	3CIVIL	Kandeeban
8	411519104048	Mohamed Hameed N	IV CSE	Mohamed
9	411519104014	Dhanesh Kumar M	IV CSE	Dhanesh
10	411519104054	Naveen. L	IV CSE	Naveen
11	411519104019	Gokul.R.	IV CSE	Gokul
12	411519104049	Mukesh.S	IV CSE	Mukesh
13	411519104004	Arulmani.G	IV CSE	Arulmani
14	411519104001	Akash G	IV CSE	Akash
15	411519104089	Sunil.S	IV CSE	Sunil
16	411519104067	Prakash R	IV CSE	Prakash
17	411519104002	Althaf Khan G	IV CSE	Althaf
18	411519104084	Silambarasan K	IV CSE	Silambarasan
19	411520106017	Gowtham.S	III ECE	Gowtham
20	411520106026	Kaviya.A	III ECE	Kaviya
21	411520106038	Siddique.A	III ECE	Siddique
22	411520106032	Pradeepkumar.A	III ECE	Pradeep
23	411520106045	Tholkappiyan.B	III ECE	Tholkappiyan
24	411520106048	Vadlamani Dinesh	III ECE	Vadlamani
25	411520106039	Sivaprakash.S	III ECE	Sivaprakash
26	411520106049	Vidhya.S	III ECE	Vidhya
27	411520106004	R.Arunraj	III ECE	Arunraj
28	411520106019	Indujaa.R	III ECE	Indujaa
29	411520106037	Shalini .N	III ECE	Shalini
30	411519105006	Hariharan.R	4 EEE	Hariharan
31	411519105003	Balaji.S	4 EEE	Balaji
32	411519105002	Archana Jenifer.C	4 EEE	Archana
33	411519105008	Ponnarasi.K	4 EEE	Ponnarasi
34	411519105001	Abimanyu.S	4 EEE	Abimanyu
35	411519105010	Surya.P	4 EEE	Surya
36	411519105011	Vinoth Kumar.M	4 EEE	Vinoth
37	411520114010	E B. Rithik	III MECH	Rithik


 DR. R. PALSON KENNEDY, M.E.
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 PERI INSTITUTE OF TECHNOLOGY
 Mannivakkam, Chennai - 600 048.

Thank you for attending the **Cognize Program on Intellectual Property Rights** on 01/09/2022. Your feedback and suggestions will help us to improve the program. We request you to fill in the form below:

Your feedback:

1. Your overall experience about the Event:

----- good -----

2. Which were the most useful parts of the event/ Lecture:

----- overall good -----

3. How could we improve the event/Program?

----- Need -----

4. Overall Rating for the event: Please tick or circle one of the following options:

1. Poor
2. Bad
3. Average
4. Good
 5. Excellent

Please provide the following details:

Name: Surya . P .
Department: IV - EEE .
E-Mail id:
Contact No:

We thank you for your cooperation and look forward to an ongoing association with you.


Participant Signature

Thank you for attending the **Cognize Program on Intellectual Property Rights** on 01/09/2022. Your feedback and suggestions will help us to improve the program. We request you to fill in the form below:

Your feedback:

1. Your overall experience about the Event:

Good.

2. Which were the most useful parts of the event/ Lecture:

Overall useful.

3. How could we improve the event/Program?

None.

4. Overall Rating for the event: Please tick or circle one of the following options:

1. Poor
2. Bad
3. Average
 4. Good
5. Excellent

Please provide the following details:

Name: Naveen . L

Department: IV - CSE

E-Mail id:

Contact No:

We thank you for your cooperation and look forward to an ongoing association with you.


Participant Signature



Institutions Innovation Council
Event Feedback Form

Thank you for attending the **Cognize Program on Intellectual Property Rights** on 01/09/2022. Your feedback and suggestions will help us to improve the program. We request you to fill in the form below:

Your feedback:

1. Your overall experience about the Event:

Good.

2. Which were the most useful parts of the event/ Lecture:

SECOND PART.

3. How could we improve the event/Program?

Null.

4. Overall Rating for the event: Please tick or circle one of the following options:

- 1. Poor
- 2. Bad
- 3. Average
- 4. Good
- 5. Excellent

Please provide the following details:

Name: Akash G

Department: IV - CSE.

E-Mail id:

Contact No:

We thank you for your cooperation and look forward to an ongoing association with you.

Participant Signature

Thank you for attending the **Cognize Program on Intellectual Property Rights** on 01/09/2022. Your feedback and suggestions will help us to improve the program. We request you to fill in the form below:

Your feedback:

1. Your overall experience about the Event:

Good.

2. Which were the most useful parts of the event/ Lecture:

Second part is very useful.

3. How could we improve the event/Program?

None.

4. Overall Rating for the event: Please tick or circle one of the following options:

- 1. Poor
- 2. Bad
- 3. Average
- 4. Good
- 5. Excellent

Please provide the following details:

Name: *Kanika A*

Department: *IT - CSE.*

E-Mail id:

Contact No:

We thank you for your cooperation and look forward to an ongoing association with you.

Kanika
Participant Signature

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202241059827 A

(19) INDIA

(22) Date of filing of Application :19/10/2022

(43) Publication Date : 18/11/2022

(54) Title of the invention : REAL-TIME FACIAL RECOGNITION BASED STUDENT PROCTORING SYSTEM USING KNN ALGORITHM

(51) International classification :G06K0009620000, G06Q0050200000, G09B0007020000, G09B0007000000,
 G06N0020000000
 (86) International Application No :PCT/
 Filing Date :01/01/1900
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
 1)Peri Institute of Technology
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 3)Mrs.K.Varalakshmi
 4)Mr.A.Vijayanarayanan
 5)Mr.S.S.Vasantharaja
 6)Mrs.R.Savithri
 7)Mrs.S.Jonisha
 8)Mrs.R.S.Abbirami
 9)Mr.S.R.Nobel Lourthu Raj
 10)Mr.V.Dharmaprakash
 11)Mrs.B.Priya
 12)Mrs.K.Kalairasai
 13)Mrs.P.Lekha
 14)Mrs.M.Dhiva
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 14)Mrs.M.Dhiva
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(57) Abstract :
 REAL-TIME FACIAL RECOGNITION BASED STUDENT PROCTORING SYSTEM USING KNN ALGORITHM ABSTRACT Their actions indicate their personality. This project uses an automatic facial recognition system to keep track of who attended to work and who did not. Any institution that desires to be successful must maintain a steady enrollment. The majority of the time, instructors take attendance by calling out a student's name or registration number. The teacher then writes down the name or number. Concerns me greatly that so much time will be devoted to this. Consider that the course will run approximately one hour and that registration will take approximately ten minutes. Everyone in the teaching profession should immediately cease wasting time in this manner. In this instance, an automated method based on image processing is used to avoid such problems. This experiment uses both facial recognition and facial detection technologies. After facedetection has determined the general location of the face, facial recognition technology can be utilised to verify the understudy's identity. The KNN algorithm is utilised to develop the KNN Classifier, a machine learning model. After saving the class as a classifier, each student's face may be compared to the faces in the saved model to establish who is in class.

No. of Pages : 12 No. of Claims : 8

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(12) PATENT APPLICATION PUBLICATION

(21) Application No.202341052750 A

(19) INDIA

(22) Date of filing of Application :05/08/2023

(43) Publication Date : 01/09/2023

(54) Title of the invention : MAGNETIC NATURAL FIBER COMPOSITES FOR ENERGY HARVESTING APPLICATIONS

(51) International classification :H02N0002180000, H02J0007350000, F03D0003060000, D01F0001100000, G06Q0050060000
(86) International Application No Filing Date :PCT// :01/01/1900
(87) International Publication No : NA
(61) Patent of Addition to Application Number Filing Date :NA :NA
(62) Divisional to Application Number Filing Date :NA :NA

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4)Mrs.D.Umamaheswari

5)Dr. R M Sathiyamoorthy

6)Mr.K Bala Murugan

7)Mr. R.Rajaprassana

Name of Applicant : NA

Address of Applicant : NA

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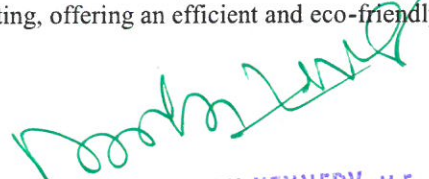
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(57) Abstract :

The invention pertains to magnetic natural fiber composites tailored for energy harvesting applications. By integrating magnetic particles uniformly within a natural fiber matrix, the invention creates a composite material that leverages the inherent advantages of natural fibers, such as flexibility and sustainability, with the functional attributes of magnetic materials. The composite is designed to harvest energy from various ambient sources, including mechanical vibrations, thermal gradients, and solar radiation, and convert it into usable electrical power. The innovative manufacturing process ensures homogeneous dispersion, long-term stability, and environmental compatibility. With potential applications in green energy solutions, portable electronics, wearable technology, and more, the invention represents a significant advancement in the field of energy harvesting, offering an efficient and eco-friendly approach to renewable energy utilization. Accompanied Drawing [FIGS. 1-2]

No. of Pages : 22 No. of Claims : 10


Dr. R. PALSON KENNEDY, M.E., Ph.D
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(12) PATENT APPLICATION PUBLICATION

(21) Application No.202341079679 A

(19) INDIA

(22) Date of filing of Application :23/11/2023

(43) Publication Date : 22/12/2023

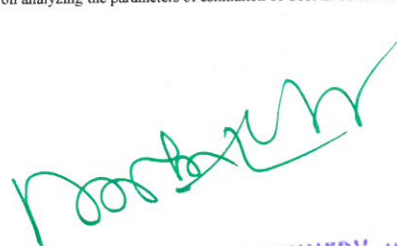
(54) Title of the invention : ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING-BASED APPROACHES FOR ESTIMATING THE COST AND PERFORMANCE OF PRESTRESSED STEEL IN CONCRETE BRIDGE CONSTRUCTION

(51) International classification :E01D0021000000, G06K0009620000, G06N0020000000, E01D0101280000, G06N0003080000
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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6)Christina
7)Mr Chitte Anil
8)Dr.P.Sampath
9)Dr.Maaz Allah Khan
10)Madhuri Ganesh Pagale
11)Priyank Udaybhai Trivedi
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Address of Applicant :Assistant professor/civil engineering, PERI institute of technology, Mannivakkam, Chennai-600048 Chennai -----
9)Dr.Maaz Allah Khan
Address of Applicant :Department of Civil Engineering, Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow UP Lucknow -----
10)Madhuri Ganesh Pagale
Address of Applicant :Pimpri Chinchwad College of Engineering, Nigdi, pune-411044, Pune -----
11)Priyank Udaybhai Trivedi
Address of Applicant :Research Student, Institute of Infrastructure Technology Research And management, Near Khokhra Circle, Maninagar Ahmedabad -----
12)Ruthra R
Address of Applicant :Assistant Professor, Civil Engineering Department, St. Joseph's College of Engineering, OMR, Chennai-119 Chennai -----

(57) Abstract :
Artificial Intelligence and Machine learning-based approaches for estimating the Cost and Performance of Prestressed Steel in Concrete Bridge Construction is the proposed invention. The proposed invention focuses on studying the functions of Performance of Prestressed Steel. The invention focuses on analyzing the parameters of estimation of Cost in Concrete Bridge Construction using algorithms of Artificial Intelligence.

No. of Pages : 9 No. of Claims : 4


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