



Department of
Civil Engineering



Monthly Newsletter

February 2022



Learn Beyond

KPR Institute of
Engineering and
Technology

(Autonomous, NAAC "A")



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Dr. G. Anusha

Professor & Head

Department of Civil Engineering

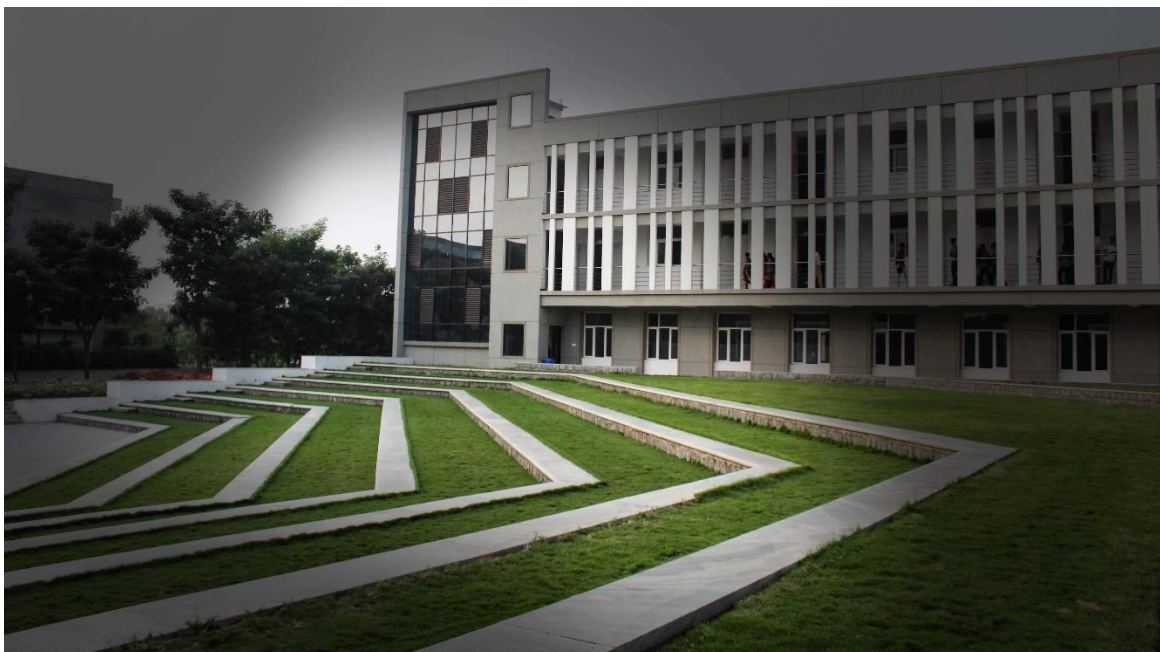
Editor

Ms. K. Dhivya

Assistant Professor

Department of Civil Engineering

IN THIS ISSUE



About KPRIET

KPR Institute of Engineering and Technology (KPRIET), founded by Dr. K. P. Ramasamy, stands out as a leading institute of academic excellence by imparting technical, intellectual and professional skills to students. The institute, with its diverse and energetic community of students offers a distinguishing blend of some of the premium graduate, undergraduate and research programs, talented faculty, world class amenities and a residential campus set on a sprawling 150 acres of lush green campus.

While students at KPRIET immerse themselves in academics, the institute has a lot in store for them outside the classroom. Student life includes participation in sports, co-curricular activities and cultural. In short, at KPRIET, students will find an academic and social environment where everyone- from faculty members to peer's support shape their future.

KPRIET is a home to artistically designed buildings with state of the-art computer and internet facilities, modern workshops, seminar halls, auditoriums and well stocked libraries, sports and games fields in addition to an indoor badminton court and gymnasium.

KPRIET has a faculty strength of 227 with a faculty student ratio of 1:15. Out of the total, 97 faculty members PhDs. and 102 are in the process of completing their PhDs. As an exemplary institution of learning, KPRIET follows an admission policy that strongly favours merit, even as it enables access to education for students from all strata of society through appropriate scholarships. The Institution boasts of a strong alumni network with alumni events held every year serving as a platform for past students to give back to KPRIET and share their experiences with its present fellow students.

About the Department

The Department of Civil Engineering of KPR Institute of Engineering and Technology, Coimbatore was established in the year 2009 with an annual intake of 60 students. In the year 2012, the annual intake was increased to 120. The Department has been elevated to its next pedestal by offering PG in Structural Engineering in the year 2014 with an annual intake of 18. The Department has been recognized as a Research Centre for pursuing Ph. D. in Civil Engineering by Anna University. It has been accredited by NBA, New Delhi.

The Department has highly qualified faculty members with Ph. D. and M. E. / M. Tech. under various specialize such as Structural, Environmental, Geotechnical, Infrastructure, Transportation and Construction Engineering and Management. The faculty members contribute to academic

development by publishing books / journals, products, patent filing and presenting papers in International and National Conferences. The Department is well equipped with state of art Laboratories and Infrastructure. The Department of Civil Engineering signed MoUs with the reputed industries like BAI, COCENA to bridge the gap between theory and field practices. The Department bagged the Academic Excellence Award from Staffordshire University, UK and Education Matters, India for producing handful of University Ranks (in Civil Engineering) under Anna University.

The Department also provides an opportunity for students in improving practical knowledge in the field of Civil Engineering and Software skills like AutoCAD, STAAD Pro, ETabs, SketchUp, Arc GIS, 3ds MAX and Revit Architecture through Building Information Modelling – Centre of Excellence, KPR Infra (start-up by students) and Learn-it (Masonry Yard), in addition to Communication and Presentation skills. The students have to undergo Industrial Training and Industrial Visit to facilitate them to take up industrial live projects to understand the field constraints. KPR Civil Academy has been established to facilitate the students to take up the training for competitive exams.

In addition to the regular academic activity, the Department also offers its services in the form of consultancy and testing to various Government Departments and private agencies. The quality of services provided by the Department is well acknowledged in the professional field.

The Department of Civil Engineering as well as faculty members has lifetime membership in various Professional Societies like ICI, IGS, IEI, ISTE, IPA and BAI. The Department of Civil Engineering has various Students Chapter like ACI, IGS, IEI, ICI, ISTE to gain knowledge through various programmes conducted by these bodies across the Nation.

Vision of the Department

To develop competent Civil Engineers to create infrastructure with technology in demand that leads to nation building.

Mission of the Department

- Provide holistic education to students to enhance technical knowledge and skills
- Indoctrinate augmented contents to meet the requirements of stakeholders
- Promote research and consultancy activities in collaboration with industries
- Foster ethical and moral values with leadership qualities

Programme Organized

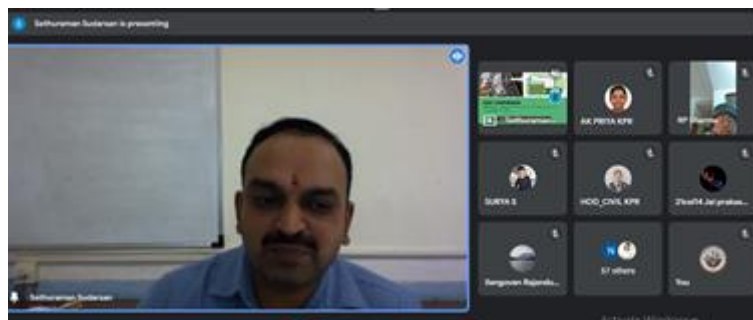
Webinar on “Green construction strategies in Building Construction”

Date: 03.02.2022

Resource Person: Dr. J. S. Sudarsan,
Professor, School of Management,
National Institute of Construction Management and Research,
Pune.

The Institution of Engineers (India), Coimbatore Local Centre organised a technical webinar in association with the Department of Civil Engineering, KPR Institute of Engineering and Technology, Coimbatore on 03rd February 2022 (Thursday). In the webinar, the guest speaker, Dr J S Sudarsan, Assistant Professor, School of Construction Management, National Institute of Construction Management and Research, Pune, gave a lecture on “**Green Construction Strategies in Building Construction**”.

Dr J S Sudarsan, guest speaker explained the new green construction strategies in building construction. He also briefed about advanced materials and new many strategies during construction. He discussed about Ewaste management in construction. Nearly 75 participants attended the programme.



Lecture series I on “Towards Better Practices in Geotechnical Engineering”

Date: 08.02.2022

Resource Person: Dr. Elias B Sayah,
President & CEO, Sayah Engineering,
Middle East.

Lecture Series I on “Towards better practices in Geotechnical Engineering” was organized by Department of Civil Engineering, KPR Institute of Engineering and Technology, Coimbatore in association with Indian Geotechnical Society on 8th February. The main aim of the International webinar is to make the students aware on the better practices in Geotechnical Engineering.

Dr. G L Sivakumar Babu, Governor Region 10, ASCE 2014-2020, Professor of Geotechnical Engineering in the Department of Civil Engineering, Indian Institute of Science (IISc) – Bangalore addressed the gathering on work flow in geotechnical projects and the challenges in practice, thrust areas, design challenges measures of safety and performance, application of geosynthetics, innovative approaches and opportunities in geotechnical engineering. And He cleared the doubts raised by the students.



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Avinashi Road, Arasur, Coimbatore.



Department of Civil Engineering
Organizes
Lecture Series I
(Academic)
Towards better practices in Geotechnical Engineering

Resource Person
Dr. G L Sivakumar Babu
Professor, Department of Civil Engineering
Indian Institute of Science(IISc) - Bangalore
Governor, Region 10, ASCE 2014-2020

Date : 08.02.2022
Time : 03.00 PM



Convenor
Dr. G. Anusha
Professor & Head - Civil

Coordinators
Mr. S. Elavarasan, AP(Sr.G)/Civil
Mr. D. Vivek, AP(Sr.G)/Civil




KPR Institute of Engineering and Technology
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Department of Civil Engineering

Welcomes
Guest of Honor
Dr. ELIAS B SAYAH
Director Region 10, ASCE
President & CEO
Sayah Engineering
Middle East

for
Lecture Series I



Date : 08.02.2022 **Time : 03.00 PM IST**




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Faculty Seminar on “Levels of Learning (RBT)”

Date: 12.02.2022

Resource Person: **Mr. S. Yuvaraj,**
Assistant professor(Sr.G)
Department of Civil Engineering
KPRIET.

The programme was organized by the Department of Civil Engineering, 12th February of 2022 at Legend hall. To Create awareness among the Faculty members on the Revised bloom taxonomy. Resource person also clarified the doubts



KPR Institute of Engineering and Technology
Learn Beyond (Autonomous, NAAC "A")
Avinashi Road, Arasur, Coimbatore.

Faculty Seminar on
Levels of Learning (RBT)

000000 12 Feb, Saturday
02.30 pm - 03.30 pm

Venue: The Legend




KPR Institute of Engineering and Technology
KPR Institute of Engineering and Technology



Department of Civil Engineering



Speaker
Mr. S. Yuvaraj
Assistant Professor(Sr.G)
Department of Civil Engineering
KPR Institute of Engineering and Technology

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raised by the faculty members on the design processing. Totally of 29 faculty members were attended the programme.

“Orientation Programme for I Year Civil Engineering Students”

Date: 12.02.2022

Resource Person:

Mr. S. Yuvaraj,
Assistant Professor (Sr.G),KPRIET
Mrs R Kavitha,
Assistant Professor (Sr.G),KPRIET
Mr P Kalaivanan,
Assistant Professor (Sr.G),KPRIET
Mr S Arivazhagan,
Assistant Professor (SI .G.),KPRIET



KPR Institute of Engineering and Technology (Autonomous, NAAC "A")
Department of Civil Engineering

ORIENTATION FOR I YEAR CIVIL ENGINEERING STUDENTS

- Internship Opportunities for Civil Engineers
01.30 to 02.00 PM
- Future Scope of Building Information Modelling
02.00 to 02.30 PM
- Placement Opportunities for Civil Engineers
02.30 to 03.00 PM
- Biomimetic for Civil Engineering
03.00 to 04.15 PM

12th February
1.30 pm
Venue - Raagam Hall

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The programme was organized by Department of Civil Engineering to make the students aware of the facilities and opportunities available in the Department of Civil Engineering, KPRIET.

Mr. S. Yuvaraj, Assistant Professor (Sr.G)/Civil, KPRIET addressed the students on the various internship opportunities available in L&T, AICTE and other government & private sectors. Mrs R Kavitha, Assistant Professor (Sr.G)/Civil explained the scope of Building information modelling in the future and opportunities available through the centre of excellence established in the department. Mr P Kalaivanan, Assistant Professor (Sr.G)/Civil, KPRIET focused on the skills to be developed by the students to get placed in the top MNC companies and elaborated the placement record of previous year and finally Mr S Arivazhagan Assistant Professor (SI .G.)/Mech, KPRIET explained the usage of models in solving complex engineering problems. Total of 11 faculty members and 77 students attended the programme.

“CON – INNOWAH Club Organises National Level Concrete Quiz: Online”

Date: 05.02.2022 to 07.02.2022

The Department of Civil Engineering organized a National Level Concrete Quiz through online mode. CON-Innowah club



KPR Institute of Engineering and Technology (Autonomous, NAAC "A")
Department of Civil Engineering

CON-INNOWAH CLUB ORGANISES NATIONAL LEVEL CONCRETE QUIZ: ONLINE

05.02.2022 (9.00 AM) To 07.02.2022 (6.00 PM)
<https://bit.ly/concretequiz2022>

Registration FREE

REGISTER NOW

Submit your answers through link or QR code
CERTIFICATE FOR ALL SUCCESSFUL CANDIDATES

Event Co ordinators
Ajith kumar. J
Yashmitha. J. A
For queries Contact
77084 04172

SUSTAINABLE DEVELOPMENT
GALS

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is the technical club in the department of civil engineering. Various Participants participated and secured their scores through this quiz.

Lecture Series II on “Concrete and Common Sense”

Date: 26.02.2022

**Resource Person: Dr. A. Sudhakar,
CEO Dimensions,
President – Indian Concrete
Institute,
Coimbatore Chapter.**

Lecture Series II on “Concrete and Common Sense” was organized by Department of Civil Engineering, KPR Institute of Engineering and Technology, Coimbatore in association with Indian Concrete Institute on 26th February. The main aim of the webinar is to make the students aware on the better practices in Concrete and their applications.

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Avinashi Road, Arasur, Coimbatore.

Department of Civil Engineering
Born to Build

Lecture Series II
(Industry)
Concrete and Common sense

Resource Person
Dr. A. Sudhakar, M.E, Ph.D
CEO - DIMENSIONS
President - Indian Concrete Institute
Coimbatore Chapter

Date : 26.02.2022 Time : 09.00 AM Venue : Thanam Hall

Student Coordinators
Ms. N. Nivashini Ms. J. A. Yashmitha

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Faculty Achievements

Name of the Faculty	Type of Program	Title of the Program	Organising Institute	Date
Dr. S. Kanmani	Best Faculty Award	Best Faculty Award for the Quartile Oct 2021 to Jan 2022	KPRIET	05.02.2022
Mr.S.Anandaraj	Best Mentor Award	Best Faculty Award for the Quartile Oct 2021 to Jan 2022	KPRIET	05.02.2022
Mr. A. Vasudev	Best Staff Award	Best Staff Award for the Quartile Oct 2021 to Jan 2022	KPRIET	05.02.2022
Lt.Dr.A K Priya	Milca Award	MILCA Awards for winning gold (Researcher)	MILCA 2022	-

Best Faculty



Best Staff



Best Mentor



MILCA Award'2022



Certification course by Faculty

S.No	Name of the Faculty	Name of the Course	Organizing Institute	Date of Completion
1	Mr. P. Kalaivanan	PYTHON	CODING NINJAS	Nov 2021 TO Feb 2022

Faculty Participation

S.No	Name of the Faculty	Type of Program	Title of the Program	Organising Institute	Date
1	Dr. G. Anusha	ATAL FDP	AR&VR	ATAL	21.02.2022 to 25.02.2022

2	Dr. G. Anusha	Certificate Manager of Quality Excellence – CII Certification Programme	Certificate Manager of Quality Excellence – CII Certification Programme	Confederation of India Industry	17.02.2022 to 22.02.2022
3	Dr. K.S. Elango	ATAL FDP	AR&VR	ATAL	21.02.2022 to 25.02.2022
4	Ms. K. Dhivya	Workshop	Good Management Practices for energy efficient buildings by introducing Passive Cooling designs, to reduce operational costs, improve health and comfort and promote use of non-HCFC and low-GWP alternatives	Construction Industry Development Council In Association with Ozone Cell, Ministry of Environment, Forest and Climate Change, Govt. of India	01.02.2022
5	Ms. K. Dhivya	FDP	Materials for sustainability of transportation infrastructure ” (MSTI-2022)	Vivekananda Institute of Technology & Vivekananda Global University	1.2.22 to 5.2.22
6	Mr. S. Arjunker	Virtual Workshop	Good Management Practices for energy efficient buildings by introducing Passive Cooling designs, to reduce operational	Construction Industry Development Council In Association with Ozone Cell, Ministry of Environment, Forest and Climate Change, Govt. of India	01.02.2022

			costs, improve health and comfort and promote use of non-HCFC and low-GWP alternatives		
7	Mr. S. Arjunker	FDP	Materials for sustainability of transportation infrastructure (MSTI-2022)	Vivekananda Institute of Technology, Jaipur In association with - The Institution of Engineers (India) and Landmark Material Testing & Research Laboratory Pvt. Ltd	01.02.2022 to 05.02.2022
8	Mrs. B. S.Meenakshi	FDP	ATAL FDP from Industry4.0	ATAL	31.01.2022 to 04.02.2022
9	Mr. S. Vinoth	FDP	"Materials for sustainability of transportation infrastructure" (MSTI-2022)	Vivekananda Institute of Technology & Vivekananda Global University	01.02.2022 to 05.02.2022
10	Mr. S. Logeswaran	WEBINAR	Managing Values In Life	Ultra Tech Cements	12.02.2022
11	Mr. S. Logeswaran	FDP	Materials For Sustainability Of Transportation Infrastructure	Vivekananda Institute Of Technology, Jaipur	01.02.2022 to 05.02.2022
12	Ms. K. Dhivya	ATAL FDP	Nanostructured Materials and Their Applications	ATAL, National Institute of Technology Manipur.	07.02.2022 to 11.02.2022
13	Mr. S. Vinoth	ATAL FDP	Nanostructured Materials and Their Applications	National Institute of Technology Manipur	07.02.2022 to 11.02.2022

14	Ms. K. Dhivya	ATAL FDP	Recent Advancements in Social Internet of Things(SIoT) and Industrial Internet of Things(IIoT)	National Institute of Technology Puducherry.	14.02.2022 to 18.02.2022
15	Ms. K. Dhivya	Webinar	STEM – Multidimensional Gateway to Researchers	SRM Institute Of Science And Technology	24.02.2022.
16	Mr. S. Venkat Raman	ATAL FDP	Robust AI: Building through data exploration, pre-processing and representation.	IIT Naya Raipur	04.02.2022
17	Mr. S. Venkat Raman	ATAL FDP	Recycling of Plastics for Sustainable Growth	Central Institute of Petrochemicals Engineering & Technology(CIPET): Institute of Plastics Technology(IPT)	14.02.2022
18	Mrs. P. Indhiradevi	ATAL FDP	AR&VR	ATAL	21.02.2022 to 25.02.2022
19	Dr. S. Kanmani	Certificate Manager of Quality Excellence – CII Certification Programme	Certificate Manager of Quality Excellence – CII Certification Programme	Confederation of India Industry	17.02.2022 to 22.02.2022
20	Mr. S. Yuvaraj	ATAL FDP	AR&VR	ATAL	21.02.2022 to 25.02.2022

Faculty as a Resource Person

S.No	Name of the Faculty	Type of Program	Title of the Program	Organising Institute	Date
1	Mr. S. Yuvaraj	Resource Person	Expert Talk on" Innovation Development and Technology Readiness Level & Commercialisation of Lab Technologies & Technology Transfer"	KGISL Institute of Technology	10.02.2022
2	Mr. S. Yuvaraj	Resource Person	Levels of Learning (RBT)	KPR Institute of Engineering and Technology	12.02.2022
3	Mr. S. Yuvaraj	Resource Person	Internship Opportunities for Civil Engineers	KPR Institute of Engineering and Technology	12.02.2022
4	Lt.Dr.A.K Priya	Resource Person	Waste Management	Nazarath College of Arts and Science	26.02.2022

Students Achievement

S.No	Student	Class	Achievement	Organizer
1	Ms.R.Shiyamala Ms. S. Ramya	II B	II place in Seminar Presentation	NIT Warangal



Students Participation

S.No	Student	Class	Nature of Program	Name of the program	Organizer	Date
1	Shiyamala.R	II B	Quiz	Quizzes on electric vehicles	KPR Institute of Engineering and Technology	29.1.2022
2	Faheem Ahmed A	III B	Drone show	Drone show on republic day @ KPRIET	KPR Institute of Engineering and Technology	26.01.2022
3	Nivashini N	II B	Technical Poster Presentation	Event	IIT Madras University	12.01.2022
4	Shiyamala.R	II B	Quiz	Quiz series of electronic vehicles	KPR Institute of Engineering and Technology	29.01.2022
5	Shiyamala.R	II B	Music	Isai 22	Bannari amman institute of technology	13.01.2022

6	Shiyamala.R	II B	Puzzle	Crete puzzles ' 22	KPR Institute of Engineering and Technology	7.02.2022
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Faculty Publication details

- Dr. A. K. Priya and Ett al Published paper on the topic “Bi-based photocatalysts for bacterial inactivation in water: Inactivation mechanisms, challenges, and strategies to improve the photocatalytic activity” in Environmental Research, SCI, Feb, 2022. <https://www.sciencedirect.com/science/article/abs/pii/S001393512200161X>
- Dr. A. K. Priya and Ett al Published paper on the topic “ Investigating the Role of Image Fusion in Brain Tumor Classification Models Based on Machine Learning Algorithm for Personalized Medicine” in Computational and Mathematical Methods in Medicine, SCI, Feb, 2022. <https://www.hindawi.com/journals/cmmm/2022/7137524/>
- Dr. A. K. Priya and Ett al Published paper on the topic “Advancements on sustainable microbial fuel cells and their future prospects: A review” Environmental Research, SCI, Feb, 2022. <https://www.sciencedirect.com/science/article/abs/pii/S0013935122002572>

Faculty Industry Visit

S.No	Name of the Industry	Visit Date	Name of the Faculty(s)
1.	ALM Associates, Coimbatore	16-02-2022	Mr. S. Elavarasan Mr. A. Vasudev
2	PSC Constructions, Tirupur	18-02-2022	Dr. R. Saravanakumar Dr. K. S. Elango
3.	KNR Construction Ltd, Coimbatore	21-02-2022	Dr. V. Rajesh Kumar Mr. S. Yuvaraj
4.	SVA Blue Metal, Tirupur	11-01-2022	Mrs. P. Indhradevi Mr. K. Maruthi Venkatesh Mrs. C. Vinodhini

Consultancy Details

S.No	Name of the Laboratory	Amount Received
1.	Soil Mechanics Laboratory	Rs. 2500 /-
2.	Strength of Materials Laboratory	Rs. 2700 /-
3.	Structural Engineering Laboratory	Rs. 8000 /-
TOTAL		Rs. 13,200 /-

Other Activities

Trip to Bannari Amman Temple





Industry visit by Final Years to SVA Blue Metal, Tirupur





Students received their Internship certificate from L&T EduTech College connect for their successful completion



Today's Engagement - 08.02.2022

தினமலர்

இன்றைய நிகழ்ச்சி

* பாலதண்டாயுதபாணி சுவாமி கோவில், சுக்கிரவார்பேட்டை
• காலை, 7:00 மணி.

கல்வி

கருத்தராங்கு

ஜான்சன்ஸ் தொழில்நுட்பக் கல்லூரி, கருமத்தம்பட்டி
• மதியம், 2:30 மணி முதல் 3:30 மணி வரை.
தலைப்பு: 'தொழில்நுட்ப காப்புரிமை'

இணையவழி விரிவுரை



கே.பி.ஆர்., பொறியியல் மற்றும் தொழில்நுட்பக் கல்லூரி, அரகூர்
• மாலை, 3:30 மணி. தலைப்பு: புவி தொழில்நுட்ப பொறியியல்.

THE HINDU

COIMBATORE TODAY

Jansons Institute of Technology: Webinar on 'Imperative Elements for technical patent drafting, 2.30 p.m.

KPR Institute of Engineering and Technology: Lecture series by Dr. Elias B. Sayah, President and CEO of Sayah Engineering Middle East, 3 p.m.; Lecture Series 'Towards Better Practices in Geotechnical Engineering' by G.L. Sivakumar Babu, Professor IISC - Bangalore, 3 p.m.

Adithya School of Business Management: CEO Meet Leah Hill, Resident Services Manager, Ryman Health Care, Auckland, 8.30 a.m.



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MECH, CIVIL)



Department of Civil Engineering
Higher Education - 2021



ELANGO VAN Y
NIT, Calicut



JAYAPRAKASH S
Nottingham Trent University, UK



KAVIN PRADHEEP M
Coventry University, UK



VARSHA R
GCT, Coimbatore



MUKESH D
CIT, Coimbatore



RAGASAMYUKTHA S A
CIT, Coimbatore



KAVIYA S
Sona College of Technology, Salem



KADHIRAVAN A
VIT, Vellore



ABISHEK T
SRM Valliammai Engineering College,
Chennai

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