

# ASTHRA

(October, November, December 2024)

The Newsletter of  
Department of Civil Engineering



Learn Beyond

**KPR Institute of  
Engineering and  
Technology**

(Autonomous, NAAC "A")

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## 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 260 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

### **Vision of the Institute**

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To become a premier institute of academic excellence by imparting technical, intellectual and professional skills to students for meeting the diverse needs of industry, society, the nation and the world at large

### **Mission of the Institute**

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- Commitment to offer value-based education and enhancement of practical skills
- Continuous assessment of teaching and learning processes through scholarly activities
- Enriching research and innovation activities in collaboration with industry and institutes of repute
- Ensuring the academic processes to uphold culture, ethics, and social responsibilities

## About the Department

The Department of Civil Engineering of KPR Institute of Engineering and Technology, Coimbatore was established in the year 2009. The Department has been elevated to its next pedestal by offering PG in Structural Engineering in the year 2014. 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 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 must 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.

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, IGBC to gain knowledge through various programmes conducted by these bodies across the Nation.

## Vision of the Department

To be recognised in Civil Engineering through quality education, research and innovation for the sustainable developments of the society

## Mission of the Department

- Provide holistic education to students on emerging technologies in Civil Engineering
- Instil in individuals a sense of ethical values and lifelong learning
- Promote research and consultancy activities

## Programme Organised

### Expert talk on “Mastering Mega Projects- A Techno- Economic Case study on the Project Management of the Hoover Dam”

**Date: 03.10.2024**

The Department of Civil Engineering, KPRIET organized an expert talk on "Mastering Mega Projects – A Techno-Economic Case Study on the Project Management of the Hoover Dam." The session featured Dr. Sarvesh Swarup, Former Deputy Director General in the Ministry of Commerce & Industry, Government of India. Dr. Swarup's presentation emphasized the importance of studying mega projects, using the Hoover Dam as an exemplary case of engineering excellence and effective project management. The talk also covered the challenges encountered during the dam's construction, drawing parallels with modern mega projects, and highlighting the critical role of strategic planning, risk management, and cross-disciplinary collaboration. The session concluded with an interactive Q&A, where students and faculty had an opportunity to engage with Dr. Swarup directly. The event not only broadened the students' understanding but also inspired them to approach engineering.





## Expert Lecture on “Risks and Challenges in Successful Infrastructure Projects”

Date: 07.10.2024 to 08.10.2024

The Department of Civil Engineering, KPRIET organized an insightful expert lecture for our II and III Year Honours students specializing in Infrastructure Engineering. The two-day session was led by Dr. S. Jayachandran, Senior Vice President of Marutham Group, who shared valuable insights on the risks and challenges in large infrastructure projects. The session focused on identifying, understanding, and overcoming the risks and challenges encountered in large infrastructure projects. The event provided our students with an opportunity to learn from and enhance their knowledge and prepare them for future professional challenges. This aligns with our commitment to offer hands-on, practical learning experiences alongside academic excellence.



### One Credit course on “ Plan Approval and Tender Procedure”

Date: 15.10.2024 to 16.10.2024

Department of Civil Engineering organized 2 days One Credit Course for the students of II Year Civil Engineering on the topic ' Plan Approval and Tender Procedure'. Er. Thilak Ranjith started the session by giving introduction to IS codes and National Building Codes. He also deliberated

the list of documents required for the plan approval process. He also insisted about the practice prevailing in recent days in government bodies for approval by demonstrating the same through e-DCR online application. He projected the sample approval drawings for better understanding about the concepts among the students. He also discussed about the registration charges for plan approval and discussed the master plan of Coimbatore district. He gave several insights to the students about the procedure for tender application for any government or non-government projects. Sample tender documents were given to students to make them understand the procedure of tender preparation for any project.



### **National Level Technical Symposium “Kallikrates’24”**

**Date: 24.10.2024**

Department of Civil Engineering, KPRIET organized the national level technical symposium Kallikrates'24 on 24<sup>th</sup> October 2024. Mr. S. Aashiq Mohammed, UPSC Trainer from Insights IAS was the chief guest of the event. Technical challenges like Paper and Poster Presentations, CAD contests, and a 3ds Max workshop and creative outlets like Photography, Connection, and Kallikrates Cricket League (KCL) were conducted for the participants. The event was intellectually stimulating for participants, offering opportunities for learning, innovation, and collaboration.



**One Day Workshop on “Open Source Geospatial Solutions  
for the AEC Industry”**

**Date: 07.11.2024**

IEEE KPRIET Geoscience and Remote Sensing society in association with Department of Civil Engineering, KPRIET organized a one day workshop on “Open Source Geospatial Solutions for the AEC Industry”. Mr. Ezhil Thalpathi, CEO- ETA Industries, Chennai was the resource person for the event. The workshop aimed to explore the application of open-source geospatial tools in the Architecture, Engineering, and Construction (AEC) industry. Mr. Ezhil shared his expertise and insights on leveraging these tools for enhanced decision-making and project execution in the AEC sector. The students found the workshop highly inspiring and informative.



### **Expert Lecture on “Coastal Protection Works”**

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**Date: 08.11.2024**

The Department of Civil Engineering, KPRIET organized an online Expert Lecture on the topic Coastal Protection Works. Er. X. Micheal Nirmal, Senior Structural Engineer from Delta Engineering Consultancy, Oman, was the guest speaker for the session. During the session, Er. Micheal shared valuable insights into various strategies to mitigate or prevent erosion of beaches, dunes, and cliffs. He elaborated on the methods to safeguard infrastructure and properties while enhancing coastal resilience. The lecture also touched on how certain protection measures, such as artificial reefs and beach nourishment, can contribute to the health of coastal ecosystems by creating habitats for marine life and improving water quality. The session provided students with a comprehensive understanding of coastal protection techniques and their environmental and infrastructural benefits, making it an enriching learning experience.



### **Alumni Lecture on “ Career Opportunity for Civil Engineers in Defense Sector”**

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**Date: 08.11.2024**

The Department of Civil Engineering and the Office of Alumni Relations, KPRIET organized an inspiring alumni lecture on "Career Opportunity for Civil Engineers in the Defense Sector" for III year Civil Engineering Students. Er. R. Navin an esteemed alumna from the Batch of 2017-21 and Assistant Engineer at ARTELIA Consulting Engineers Ltd, Chennai, delivered an insightful session, inspiring students to explore diverse career avenues and providing valuable insights into opportunities within the defense sector. The students gained a deeper understanding of the unique challenges and skill sets required for a career in civil engineering in the defence field. The session left students highly motivated and inspired by the guidance of our accomplished alumni.



### Invited Lecture on “Effect of lateral spreading and tunneling on adjacent foundations”

Date: 12.11.2024

Department of Civil Engineering in association with Indian Geotechnical Society organized an Industry expert lecture on "Effect of lateral spreading and tunneling on adjacent foundations". Er. S. Shamsul Hudha, Registered Geotechnical Engineer, HFS Geotechnical and Engineering Consultants, Erode was the resource person and delivered the lecture for our students. Students gained deeper understanding about soil mechanics, types of foundations and their appropriate suitability in various construction projects. Er. Shamsul Hudha shared practical challenges and solutions in foundation design and construction, emphasizing real-world case studies. He also emphasized the importance of continuous learning and professional certifications in geotechnical and foundation engineering. Students actively engaged themselves during the Q&A session, where queries on specific challenges in foundation design were addressed with practical examples. Er. Hudha also provided advice on career pathways in civil and geotechnical engineering.



### **Invited Lecture on “ Applications of Remote Sensing & GIS in Infrastructure Projects”**

**Date: 12.11.2024**

The Department of Civil Engineering, KPRIET in association with Design Club Ignitrron organized an invited lecture on "Applications of Remote Sensing & GIS in Infrastructure Projects". Dr. S. Manikandan, Managing Director, KM Infra Envirocare, led the session, and he delved into the practical applications of Remote Sensing and Geographic Information Systems (GIS) in various infrastructure projects. He highlighted how these advanced technologies are revolutionizing the field of civil engineering by enabling efficient planning, design, and management of infrastructure. The session fostered a deeper understanding of cutting-edge GIS applications and their potential to drive innovation in engineering projects. This initiative not only enhanced the participants' technical knowledge but also sparked an interest in pursuing advanced engineering solutions using modern technology.



## **Alumni Lecture on “Bending the Basics: Understanding Shear and Bending Moments in Beams”**

**Date: 14.11.2024**

Department of Civil Engineering in association with Office of Alumni Relations organized an Alumni Lecture on “Bending the Basics: Understanding shear and Bending Moments in Beams” for II Year Civil Engineering students. Er. N. Gopal, a distinguished alumnus from the 2019-21 batch and Proprietor of RG Construction and Builders, served as the resource person. He shared his expertise and practical insights, enriching the learning experience for the students. During the lecture, he discussed the complex concepts of shear forces and bending moments, illustrating their real-world applications in construction and design. The session bridged the gap between academic theory and practical implementation, providing significant benefits for the students' academic growth and career aspirations.



## **Expert Talk on “ Electro Coagulation Process in Water Treatment”**

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**Date: 15.11.2024**

The Department of Civil Engineering, KPRIET organized an insightful expert talk on the "Electrocoagulation Process in Water Treatment" for our III year students. Dr. P V Nidheesh, Principal Scientist at NEERI, Maharashtra was the chief guest of the session. Dr. Nidheesh shared his extensive expertise on cutting-edge water treatment technologies, focusing on the electrocoagulation process—a sustainable and efficient method for addressing modern environmental challenges. The talk emphasized practical applications, research insights, and the importance of adopting innovative, eco-friendly solutions to enhance water quality. His presentation inspired and equipped students with valuable knowledge to address pressing environmental issues through advanced engineering practices.



## **Expert Lecture on “Engineering to Business: How to get into the market”**

**Date: 28.11.2024**

The Department of Civil Engineering, KPRIET organized an expert lecture titled “Engineering to Business: How to get into the market”. The session was led by Mr. Akhil Padmakumar, Managing Director, and Mr. Shahul Gasnikhan, Chief Marketing Officer of PEMS Digital Technologies Private Limited. Mr. Akhil introduced the foundational principles of entrepreneurship, focusing on innovation, risk-taking, and value creation. He emphasized the importance of identifying market gaps and leveraging technology to address them effectively.

He also shared his experience at PEMS Digital giving insights into the challenges, strategies, and successes of his entrepreneurial journey, which resonated deeply with the audience. Mr. Shahul's session highlighted strategies for turning concepts into commercial products, entering the market successfully, and the crucial role of marketing in driving sustainable business growth. The event had a dynamic Q&A session where students actively participated, gaining valuable insights and practical knowledge from the speakers.



## Technical updation programme on “ Impact of Climate changes in construction sector ”

**Date: 29.11.2024**

The Department of Civil Engineering, in association with the Coimbatore Builders and Contractors Association (CEBACA) and Kovai Kulangal, organized a one-day Civil Engineers' Technical Updation Programme on the topic "Climate Changes and its Impact on the Construction Sector". Dr. S. R. Ramanan, former Director, Cyclone Warning Centre, Regional Metrological Centre, Chennai was the resource person for the session. Around 25 practicing engineers from 11 different industries along with the students of Department of Civil Engineering participated in the session. Dr. Ramanan highlighted the causes and consequences of climate change, emphasizing the need for sustainable practices and collaborative action. Participants got a deeper understanding of the climate change and its multi-faceted impact and expressed a renewed commitment to adopt sustainable practices.





### **Expert Talk on “Climate of Africa ”**

**Date: 09.12.2024**

The Department of Civil Engineering, KPRIET, successfully organized an enlightening expert talk on the "Climate of Africa" exclusively for our international students. Dr. S. R. Ramanan, Ex-Director of the Cyclone Warning Centre, Regional Meteorological Centre, Chennai, was the distinguished resource person for the event. His expertise and in-depth insights into Africa's unique climatic patterns and their global impact captivated the students and sparked meaningful discussions. This session fostered global learning and promoted awareness on pressing environmental topics.



### **Faculty Publications**

- **S. Kanmani, S. Rajkumar, M.C. Sashik Kumar, P. Sruthi, Nandipati Tejaswini, S. Vivek** published a paper titled “ Natural Enzymatic Sysytems for Improving Water Purification using Advanced Oxidation Processes” in Oxidation Communications
- **S. Anandaraj, R. Saravanakumar, Viswanathan, R. Krishnaraja** published a paper titled “Flexural performance of reinforced concrete beam with layer of hybrid strain- hardening cementitious composites” in Revista Materia
- **V. Rajeshkumar, S. Vinoth, Kaviya Saravanan, Bragadeeswaran Thangavel** published a paper titled “ Investigating the influence of polypropylene and steel fibers on the mechanical properties of UHPFRC” in Revista Materia
- **S. Anandaraj, Shaniya Shanavas, Karthik Shanmugan, Alex Livingston Raja, Saravanakumar Ramasamy** published a paper titled " Influence of Glass powder in strength and durability performance of Sisal Fiber Reinforced Concrete” in Revista Materia
- **D. Vivek, C. Jayaguru** published a paper titled “ Assessing the impact of Sugarcane bagasse ash and nano Silica on mechanical and durability properties of concrete” in European Journal of Environmental and Civil Engineering

- Arunvivek, R. Saravanakumar, K.S. Elango, V. Rajeskumar, published a paper titled “ Eco-efficiency of phosphogypsum waste and sisal fiber in the production of non- fired tile” in Revista Materia
- R. Sarvanakumar, Senthil Kumar Munisamy, Murali Viswanathan, Vinoth Arul Raj Joseph Xavier published a paper titled “ Kaolinite- based biochar nano composite material derived from Roystonea Regia for the removal of Copper (Cu<sup>2+</sup>) from effluent” in Revista Materia

### Faculty Participation

S. No.	Name of the Faculty	Type of Program	Title of the Program	Organising Institute	Date
1.	Dr Anusha G	Resource Person	Solid Waste Landfill Design	NITTTR	08/10/2024
		Workshop	Counselling Psychology	Healthtalks.in	04/11/2024
		FDP	Modern Civil Engineering techniques	PALS	20/11/2024 to 22/11/2024
2.	Dr. Kanmani S	Workshop	Visit to Saint Gobain Industry, Palakkad	Saint Gobain Industry, Palakkad	05/11/2024
		STTP	Disaster Management	MMTTC, Kerala	11/11/2024
		Hackathon as Faculty Guide	Naan Mudhalvan Niral Thiruvizha Project Award by TNSDC	TN Skills Development Corporation	01.03.2024 to 30.07.2024
3.	Dr. Saravanakumar R	AICTE- QIP- PG Certificate Programme	3D- Printing	IIT Palakkad	July 2024 to December 2024
		Certification course	Metal Additive Manufacturing	NPTEL	July to October 2024
		Certification course	Rapid Manufacturing	NPTEL	July to October 2024
		Professional Development	Design of RCC and Steel Structures	NITTTR	18/11/2024 to

		Program			22/11/2024
		FDP	Rapid Manufacturing	NPTEL	July to October 2024
		FDP	Metal Additive Manufacturing	NPTEL	July to October 2024
4.	Dr. Dharmaraj R	Professional Development Program	Sustainable Construction Materials & Techniques	NITTTR	04/11/2024 to 08/11/2024
		FDP	Municipal Solid Waste Management	NPTEL-AICTE	October 2024
		Certification Course	Municipal Solid Waste Management	NPTEL-AICTE	October 2024
5.	Dr. Anandaraj S	Professional Development Program	Design of RCC and Steel Structures	NITTTR	18/11/2024 to 22/11/2024
		Certification Course	Municipal Solid Waste Management	NPTEL	01/07/2024 to 31/10/2024
		FDP	Municipal Solid Waste Management	NPTEL-AICTE	15.07.2024 to 15.10.2024
6.	Mr. Vivek D	Certification course	Design of RCC and Steel Structures	NITTTR	18/11/2024 to 22/11/2024
		AICTE- QIP-PG Certificate Programme	3D- Printing	IIT Palakkad	July 2024 to December 2024
7.	Mr. Elavarasan S	Conference-Connecting Safety through the IOT for Remote Fire and Earthquake Detection	2 <sup>nd</sup> International Conference on Emerging Research in computational science	Karpagam Academy of Higher Education	12/12/2024 to 14/12/2024
		PDP	Sustainable Construction Materials & Techniques	NITTTR	04/11/2024 to 08/11/2024
8.	Mr. Yuvaraj S	Jury Member	Sahodaya Inter-School Public Speaking competition	Spring Mount Public School	19/10/2024
		Mentor for teams Astros	Concrete 2K24	Vishnu Institute of	19/10/2024

		and Brick Heads		Technology	
		Resource person-Webinar	Exploring Innovation in Petrology and Field Development technologies	KSR College of Engineering	28/10/2024
		Certification course	Rapid Manufacturing	NPTEL	
		Certification course	Metal Additive Manufacturing	NPTEL	
		AICTE- QIP-PG Certificate Programme	3D- Printing	IIT Palakkad	July 2024 to December 2024
9.	Ms. Bharani S	Certification course	Accreditation and outcome based Learning	NPTEL	August to October 2024
10.	Ms. Kavitha R	Certification course	Accreditation and outcome based Learning	NPTEL	August to October 2024
11.	Ms. Vinodhini C	FDP	Advanced Technologies and Innovation in Civil Engineering	Eashwari Engineering College	17/12/2024 to 31/12/2024
12.	Mr. Kalaivanan P	STTP	Disaster Management	MMTTC, Kerala	11/11/2024 to 16/11/2024
		FDP	Sustainable Construction Materials and Techniques	NITTTR	04/11/2024 to 08/11/2024
		Expert Visit	PALS Industry Visit to Saint Gobain	Saint Gobain	05/11/2024
		Certification Course	Nature-based Solutions for Disaster and Climate Resilience	UNEP &PNDRR	09/11/2024 to 02/12/2024
13.	Mr. Logeswaran S	FDP	Road Safety Audit Process and Procedures	NITTTR	21/10/2024 to 25/10/2024
14.	Mr. Maruthi Venkatesh K	Workshop	Learner Centered Education	KPRIET	28/11/2024 to 29/11/2024

### Industry Visit by Faculty

S.No	Name of the Industry	Visit Date	Name of the Faculty's
1.	Srinivasan Associates Private Limited, Coimbatore	17-10-2024	Mr. S. Yuvaraj Dr. G. Anusha Mr. S. Elavarasan
2.	Swann Construction, Coimbatore	22-10-2024	Mrs. B. S. Meenakshi
3.	MACON Prefab Constructions, Coimbatore	22-10-2024	Mrs. B. S. Meenakshi
4.	Sree Vinayaga Construction, Coimbatore	22-10-2024	Mrs. B. S. Meenakshi
5.	Saint Gobain, Palakkad	05-11-2024	Dr. S. Kanmani Mr. P. Kalaivanan
6.	Shree Kumaran Construction, Coimbatore	05-11-2024	Dr. S. Kanmani Mr. P. Kalaivanan
7.	Rana Consulting, Madurai	09-11-2024	Mrs. R. Kavitha
8.	PCM Constructions, Madurai	09-11-2024	Mrs. R. Kavitha
9.	AS Builders, Madurai	09-11-2024	Mrs. R. Kavitha
10.	LogIn Constructions, Coimbatore	12-11-2024	Mr. K. Maruthi Venkatesh
11.	Hariish Associates, Coimbatore	12-11-2024	Mr. K. Maruthi Venkatesh
12.	MS Constructions and Renovators	12-11-2024	Mr. K. Maruthi Venkatesh
13.	Niketha Constructions, Coimbatore	21-11-2024	Mr. S. Yuvaraj Dr. G. Anusha
14.	PEMS Digital Technologies Pvt Ltd, Coimbatore	28-11-2024	Mr. S. Yuvaraj Dr. S. Anandaraj
15.	Construction Management Training Institute, Bangalore	30-11-2024	Mr. S. Elavarasan Dr. G. Anusha Mr. S. Yuvaraj
16.	S Kumar & Associates, Tirupur	19-12-2024	Mrs. C. Vinodhini
17.	Sree Associates, Tirupur	19-12-2024	Mrs. C. Vinodhini

### Students Participation

S.No	Name of the Student	Year	Title of the Program	Organising Institute	Date
1.	Sandhiya P	III	Certification course- Municipal Solid Waste Management	NPTEL	July to October 2024
2.	Sandhiya P	III	Certification course- Engineering Geology	NPTEL	July to October 2024
3.	Sakthi Maheswari Y	IV	Zone Level Ball Badminton	Tamilnadu College of Engineering	21/11/2024 to 22/11/2024
4.	Giri Vaishnavi	III	Concreto 2k24	Vishnu Institute of Technology	19/10/2024
5.	Vasihnavi	III	Concreto 2k24	Vishnu Institute of Technology	19/10/2024
6.	Siva Sri S	III	Concreto 2k24	Vishnu Institute of Technology	19/10/2024
7.	Mohammad Raushan Ali	II	Workshop on Construction Management- National Level	Techmaghi, Elan& nVisoion, IIT Hyderabad	10/11/2024
8.	Kalki M J	III	Workshop on Construction Management- National Level	Techmaghi, Elan& nVisoion, IIT Hyderabad	10/11/2024
9.	Hariprasath K	III	Workshop on Construction Management- National Level	Techmaghi, Elan& nVisoion, IIT Hyderabad	10/11/2024
10.	Akram M D	III	Hand-on with Generative AI - StudAI	StudAI Edutech, elev	15/11/2024 to

			Elev8- National Level		16/11/2024
11.	Getsial V	III	Certification Course	Cisco Networking Academy	20/11/2024 to 21/11/2024
12.	Jayasridhar J	II	Dhaanish Soccer Ties 2024- State	Dhaanish Ahmed Institute of Technology	28/10/2024 to 29/10/2024
13.	Guhan S	III	Youth leadership Summit- National level	ICT Academy	23/10/2024
14.	Saranya S	III	Certification course- Valuation of Material and Output Determination Configuration in SAP MM	KOENIG	01/11/2024
15.	Tamilvanan M	III	Youth leadership Summit- National level	ICT Academy	23/10/2024
16.	Akram M D	III	Certification Course- Front End Development- CSS	Great Learning	27/10/2024
17.	Guhan S	III	CADATHON	VIT Chennai	19/10/2024 to 20/10/2024
18.	Akshaya B	IV	Effective Public Speaking	Rotary Tirupur Society	28/10/2024 to 29/10/2024
19.	Yesvant S	III	Cube Contest	Vishnu Institute of Technology	19/10/2024
20.	Yesvant S	III	Certification Course- Municipal Solid Waste Management	NPTEL	25/10/2024
21.	Yesvant S	III	Certification Course- Engineering Geology	NPTEL	July to October 2024

22.	Nithesh	II	AnnaUniversity Athletics Zonal	Anna University	15/11/2024 to 17/11/2024
23.	Saswin Vaibhav T	IV	Certification Course- Nature Based solutions for Disaster and Climate Resilience	PEDRR, UN Environment Programme, SDG Academy	16/12/2024
24.	Mithran P R	IV	Certification Course- Nature Based solutions for Disaster and Climate Resilience	PEDRR, UN Environment Programme, SDG Academy	16/12/2024
25.	Sakthi Maheswari Y	IV	Certification Course- Nature Based solutions for Disaster and Climate Resilience	PEDRR, UN Environment Programme, SDG Academy	16/12/2024
26.	Manosh V K	IV	Certification Course- Nature Based solutions for Disaster and Climate Resilience	PEDRR, UN Environment Programme, SDG Academy	16/12/2024
27.	Ragul D	IV	Certification Course- Nature Based solutions for Disaster and Climate Resilience	PEDRR, UN Environment Programme, SDG Academy	16/12/2024
28.	Pranitha R	IV	Certification Course- Nature Based solutions for Disaster and Climate Resilience	PEDRR, UN Environment Programme, SDG Academy	16/12/2024
29.	Nagajothi P	IV	Certification Course- Nature Based solutions for Disaster and Climate Resilience	PEDRR, UN Environment Programme, SDG Academy	16/12/2024
30.	Nithishkumar G P	IV	Certification Course- Nature Based solutions	PEDRR, UN Environment	16/12/2024

			for Disaster and Climate Resilience	Programme, SDG Academy	
31.	Harshitha V	II	Certification course- Municipal Solid Waste Management	NPTEL	July to October 2024
32.	Janani A	II	Certification course- Municipal Solid Waste Management	NPTEL	July to October 2024
33.	Shobi Kannan	II	Certification course- Municipal Solid Waste Management	NPTEL	July to October 2024
34.	Jeba Vashini M	II	Certification course- Municipal Solid Waste Management	NPTEL	July to October 2024
35.	Hemavardhan	II	Certification course- Municipal Solid Waste Management	NPTEL	July to October 2024
36.	Sri Krishna	II	Certification course- Municipal Solid Waste Management	NPTEL	July to October 2024
37.	Neha S	II	Certification course- Municipal Solid Waste Management	NPTEL	July to October 2024
38.	Suthinthira A	II	Certification course- Municipal Solid Waste Management	NPTEL	July to October 2024
39.	Ridhanya R A	II	Certification course- Municipal Solid Waste Management	NPTEL	July to October 2024
40.	Divya Sree P	II	Certification course- Engineering Geology	NPTEL	July to October 2024

41.	Mohammed Arsath H	III	Certification course- Engineering Geology	NPTEL	July to October 2024
42.	Yesvant S	III	Certification course- Municipal Solid Waste Management	NPTEL	July to October 2024
43.	Aditya GS	III	Webinar - Impact Mapping of the Chooralmala Landslide Disaster Using QGIS	IEEE KPRIET	06/10/2024
44.	Bhupesh R	III	Webinar - Impact Mapping of the Chooralmala Landslide Disaster Using QGIS	IEEE KPRIET	06/10/2024
45.	Kathir Eswar L K M	III	Competition - National Art Contest	Indian Art Fest	11/10/2024 to 14/10/2024
46.	Jesin Akshetha J	III	Certification Course- Agile Project Management	HP Life	14/10/2024
47.	Jesin Akshetha J	III	Competition - National Art Contest	Indian Art Fest	11/10/2024 to 14/10/2024
48.	Kathir Eswar L K M	III	Certification Course- Agile Project Management	HP Life	14/10/2024
49.	Kathir Eswar L K M	III	Quiz	Vikas Saptah	12/10/2024
50.	Dineshkanna	III	Concreto 2k24	Vishnu Institute of Technology	19-10-2024
51.	Praveen J	III	Concreto 2k24	Vishnu Institute of Technology	19-10-2024
52.	Nimesh E	II	Anna University	Anna University,	15/11/2024

			Athletics Zonal	Coimbatore	to 17/11/2024
53.	GokulRanjith A	IV	Open Badminton Tournament	ADMK	01/12/2024
54.	GokulRanjith A	IV	Covai Vizha Inter collegiate Badminton Tournament 2024	Sri Ramakrishna college of arts and science	29/11/2024 to 30/11/2024
55.	Prethivi Raaj S Y	II	Seminar	NGP College	05/11/2024 to 07/11/2024
56.	Monish M	III	Certification course- Introduction to cybersecurity	CISCO	15/10/2024 to 22/10/2024
57.	Abinaya K	II	Certification course	NPTEL	26/10/2024
58.	Akshaya C	III	Certification course- Introduction to cybersecurity	CISCO	15/10/2024 to 22/10/2024
59.	Nishnath S	IV	Anna University zone-09	CIT	02/10/2024 to 03/10/2024
60.	Akram M D	III	Certification Course- Front End Development- HTML	Great Learning Academy	26/10/2024
61.	Saran C	III	Certification Course- Air Pollution Control	NPTEL	Jan to April 2024
62.	Praveenkumar M	III	Certification course- Introduction to cybersecurity	CISCO	15/10/2024 to 22/10/2024
63.	GokulRanjith A	IV	Kumaraguru Alumni Trophy	Kumaraguru College of Technology	21/12/2024
64.	Saroj Adhikari	III	Cube Contest	RDC	03/10/2024

65.	Praveen J	III	Cube Contest	RDC	03/10/2024
66.	Bharath R	III	Cube Contest	RDC	03/10/2024
67.	Dineshkanna E	III	Cube Contest	RDC	03/10/2024
68.	Ashlin Roshma	III	Carbon Zero Campus Presentation	IIT Madras	26/10/2024
69.	Praveen	III	Athletics	Anna University Zone IX- KPRIET	23/10/2024 to 26/10/2024
70.	Elayabharathi O K	III	Seminar	ICT Academy	23/10/2024

### Students Achievement

S. No	Student	Class	Achievement	Organizer
1.	Sandhiya P	III	Elite	NPTEL
2.	Sandhiya P	III	Elite	NPTEL
3.	Sakthi Maheswari Y	IV	I Prize- Zone Level Ball Badminton	Tamilnadu College of Engineering
4.	Giri Vaishnavi	III	III Prize- Concreto 2K24	Vishnu Institute of Technology
5.	Siva Sri S	III	III Prize- Concreto 2K24	Vishnu Institute of Technology
6.	Vaishnavi	III	III Prize – Concreto 2K24	Vishnu Institute of Technology
7.	Jayasridhar J	II	III Prize - Dhaanish Soccer Ties 2024	Dhaanish Ahmed Institute of Technology
8.	Akshaya B	IV	I Prize- Effective Public Speaking	Rotary Tirupur Society
9.	Yesvant S	III	II Prize- Cube Contest	Vishnu Institute of Techology

10.	Yesvant S	III	Elite	NPTEL
11.	Yesvant S	III	Elite	NPTEL
12.	Dineshkanna	III	II Prize- Concreto 2k24	Vishnu Institute of Technology
13.	Praveen J	III	II Prize- Concreto 2k24	Vishnu Institute of Technology
14.	Nimesh E	II	III Prize, Shield & Medal- Anna University Athletics Zonal	Anna University, Coimbatore
15.	Ashlin Roshma	III	Winner	IIT Madras- Carbon Zero Campus Presentation
16.	Hemanadeswar S	II	Runner position	CM Trophy 2024
17.	Hemanadeswar S	II	Runner position	Anna University Zone XI- KPRIET
18.	Bharathan	IV	Runner position	Ball Badminton- Anna University zone IX - CIT
19.	Lenin	IV	Player of the match & Player of the series	TCE Cricket tournament 2024
20.	Gokulranjith A	IV	II Prize	Pure Jumbled Aadhi Badminton Academy, Erode
21.	Lenin	IV	Man of the Match	TCE
22.	Thanushkodi Adithiyan P	IV	Winner	Royal Book of World Records 2024 - Silambam
23.	Nishanth	IV	Runner position	Ball Badminton- Anna University zone IX – CIT
24.	Srikanth B	IV	Runner position	Anna University Zone Ball Badminton

25.	Sanjay pranesh K C	IV	Special appreciation	Amrita Vishwa Vidyapeetham, coimbatore
26.	Mrithika C	IV	I Prize	Ball Badminton- Women- Anna University Zone IX- CIT
27.	Sakthi Maheswari Y	IV	I Prize	Ball Badminton- Women- Anna University Zone IX- CIT



**Concreto 2K24- Vishnu Institute of Technology**



**Anna University Women Ball Badminton Zone IX - I Prize**

### Consultancy Activities

Sl. No	Name of the Laboratory	Name of the faculty involved	Title of the Work/Test	Name /Industry/ Organization	Amount received (Rs)
1.	Strength of materials lab	Dr. K. S. Elango Mr. P. Kalaivanan	Material characterization	Mr. A. Sreedharan	1,062
2.	Concrete Lab	Mr. S. Yuvaraj Mr. S. Elavarasan	NDT on commercial building at Erode	Er.Shamshul Hudha, HFS Geotechnical Consultants	10,000
3.	Concrete Lab	Dr. R. Saravanakumar	Flyash bricks characterization	Everest Flyash brick and pavers	885
4.	Concrete Lab	Mr. P. Kalaivanan Dr. S. Kanmani	NDT for Concrete, Consultation general site visit	Shree Kumaran Constructions	8,850
5.	Soil Lab	Dr. R. Dharmaraj Mr. A. Vasudev	Soil investigations and foundation recommendations	Nirmala, Coimbatore	7,080
6.	BIM Lab	Mr. S. Yuvaraj	Training in Digital Construction	BIMLABS Engineering Services Private	17,440

				Limited	
7.	Survey Lab	Dr. V. Rajeshkumar Mr. S. Yuvaraj	Digital surveying	Sri Velan Land Surveying, Erode	11,800
8.	Concrete Lab	Dr. R. Saravanakumar	Concrete, Flyash bricks and Paver blocks Characterization	Raj Associates, Er. K. Subramani and Fine Constructions	4,425
9.	Strength of materials lab	Dr. K. S. Elango	Material characterization	Mr. R. Arun Koushik, PSG Tech, Coimbatore	885
<b>Total Amount (Rs.)</b>					<b>62,427</b>