



**Department of
Computer Science
& Engineering**

Vol-9

2022-2023

Issue-04

Dec-Jan



Newsletter

Principal's Message



Dear Parents and Students,

It is with great pleasure that I welcome you to our College (DIET) Newsletter. As Principal I am hugely impressed by the commitment of the college and the staff in providing an excellent all-round education for our students with our state of the art facilities. We, as a team working together, strongly promote the zeal towards academic achievement among our students. The cultural, sporting, and other successes of all our students and staff are also proudly celebrated together.

I congratulate the staff and students who brought the latest technologies and concepts onto the day-to-day teaching-learning platform. As long as our ideas are expressed and thoughts kindled we can be sure of learning, as everything begins with an idea.

I appreciate every student who shared the joy of participation in co-curricular and extracurricular activities along with their commitment to the curriculum. That little extra we do is the icing on the cake. 'Do more than belong -participate .Do more than care - help. Do more than believing - practice. Do more than be fair-be kind. Do more than forgive - forget. Do more than dream - work.'

With a long and rewarding history of achievement in education behind us, our DIET community continues to move forward together with confidence, pride, and enthusiasm. hope you enjoy your visit to the website and should you wish to contact us, please find details at the www.diet.ac.in

**Yours in Education
Dr.Ravi Kadiyala
Principal**

HOD'S MESSAGE



Dr. S. Suresh Professor & HOD, Computer Science and Engineering

It gives me a great pleasure to congratulate the staff and students of the Department of Computer Science and Engineering for the publication of the newsletter “Tech Vivids -Insights of CSE”. This newsletter mirrors the professional and academic achievements of faculty and students which would lead them to the overall development of their personality in the globalised world. Our effort would definitely create an impact in the minds of readers, by providing larger visibility and dimension. “Perseverance will always lead to diligence”, with this in mind the department aims at quality teaching by exploring divergent events. The department motivates the students to improve their knowledge by organizing and participating in various events. This is only a small step towards a long journey to achieve progress. On our way towards reaching the objectives we may have face numerous milestones. I hope “Tech Vivids- Insights of CSE” would enlighten us with hope, confidence and faith in the journey ahead I congratulate the editorial board for the publication of the newsletter.



DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to JNTU Kakinada)

Ganguru, Vijayawada - 521139

An ISO 9001-2015 Certified Institution & Accredited with NAAC & NBA



Hearty Congratulations to

7

Students of 2023 Batch

Selected in

CSE - 03, ECE - 03, IT - 01



Flexiware Solutions

Sl.No	Roll No	Branch	Name
1	198T1A0503	CSE	DURGA NAGA SAI MANOGJINA
2	198T1A0546	CSE	KEERTHI AKSHAYA VENIGALLA
3	198T1A0549	CSE	SAI MADHAV KOLUSU
4	198T1A0476	ECE	SAI SUSHMA KOTTAPALLI
5	198T1A04B0	ECE	AASHITHA PASUMARTHI
6	198T1A04B6	ECE	ANIL PINNEPALLI
7	198T1A1240	INF	PRANEETHA RAAVI

3.62 LPA

Management, Principal and Staff



DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY
(Approved by AICTE, New Delhi & Affiliated to JNTU Kakinada)
Ganguru, Vijayawada - 521139

An ISO 9001-2015 Certified Institution & Accredited with NAAC & NBA

Congratulations

Tech  **outs**

CSE - 04, ECE - 02, IT - 01

7
Selections



Sl.No	Roll No	Branch	Student Name
1	198T1A0528	CSE	SRIGAYATRI SUMANA DUGGARAJU
2	198T1A05A5	CSE	LAKSHMI DEVI SUNKAVALLI
3	198T1A05A7	CSE	CHATURYA SUREDDY
4	198T1A05C3	CSE	NAGA SAI KIRAN VUYYURU
5	198T1A0426	ECE	MOHIT SYAM SAI CHANDANA
6	198T1A0459	ECE	SRI KRISHNA CHAITANYA KANUKOLLU
7	198T1A1206	INF	TEJA VAMSI BODDAPATI

2023 Batch

Management, Principal and Staff

Mobilizing new climate-finance flows requires identifying less gargantuan, but no less important, green projects that are attractive to a wide range of investors, both geographically and in terms of size. Digital platforms that offer these matchmaking services will be crucial to meeting our climate commitments.

GENEVA – The pledges made at last year’s United Nations Climate Change Conference (COP28) in Dubai reflect the growing political will to tackle climate change head on and in an equitable way. But while governments are taking the lead in accelerating the green transition, they cannot finance it alone. Fortunately, the appetite for sustainable investment is greater than ever: environmental, social, and governance (ESG) assets are expected to reach \$50 trillion in 2025. The difficulty lies in matching investors with viable green projects.

Achieving the global goal of net-zero emissions by 2050 requires coordinated investment on a scale never before seen. Goldman Sachs recently estimated that roughly \$4 trillion – 4% of global GDP – in annual clean-energy investment will be needed to reach this target every year for the next decade. Yet, as it stands, only \$1.1 trillion is being invested in decarbonization each year, with a focus on lower-risk, subsidy-driven technologies such as wind and solar generation and electric vehicles (EVs).

Given this shortfall, and governments’ limited financial resources, the private sector must find innovative ways to attract investment in projects that will slow global warming and ensure a just energy transition for all. Success will depend on a strong incentive to deliver results for the climate and the economy; sufficient investment capital; and the development of an ecosystem of technical, finance, and operational specialists with the skills needed to execute the net-zero transition – a crucial but underappreciated variable.

Similar ecosystems in other sectors, such as biotech, have shown how a coordinated group of experts working together closely can help accelerate progress. While such a group has yet to form for green industry, owing to its fragmentation, all the ingredients are there.

A crucial part of mobilizing new climate-finance flows is identifying alternative investment options that are attractive to a wide range of investors, both geographically and in terms of size. Today's biggest investors focus too much on large-scale commitments and high-impact headlines. For example, news from the recent COP28 summit centered on multibillion-dollar pledges from massive private investment groups such as Brookfield, Apollo, and TPG, whose combined assets under management total around \$12 trillion.

The funding requirements for green projects, including in clean energy (hydrogen, carbon sequestration, biogas, battery storage, waste recycling, and more), transport (EVs), agri-tech, and hard-to-abate heavy industries, are growing rapidly. But these projects are becoming divided between large, government-led infrastructure initiatives and smaller to mid-size ones driven by the private sector. Financing the full spectrum is essential to tackle climate change effectively.

This is where digital platforms can help. By matching investors with green projects in the smaller to mid-size category (valued below \$250 million for an individual project), they could bring greater visibility to initiatives of this size while also indicating their bankability. Furthermore, such platforms should facilitate access to expert service providers – from law firms to technical advisers and ESG consultants – who can support the transaction and the project more generally, and should be facilitated by a drive to standardize documentation. Previous efforts have centered on crowdfunding micro-projects and pushing the public sector to take the lead, and thus never attained the critical mass needed for a functioning ecosystem.

One new digital platform that could help reach this critical mass is VerdEx, which is launching this month and has strategic partners around the world. By shining a light on bankable projects that require funding and offering an ecosystem of relevant specialists, VerdEx aims to connect institutional investors to green projects in the smaller to mid-size category and reduce friction, which would lower overall financing costs. Moreover, VerdEx will invest a portion of its revenue in an impact fund to help deliver a just and equitable energy transition.

Efforts like this will be critical to attracting a wider range of institutional investors to less gargantuan, but no less important, green projects. With governments and private investment funds remaining focused on big-ticket projects, this type of matchmaking will help us use all avenues available to reduce global emissions and meet our climate commitments.

BY

G. Pallavi
2187140580

**you can send your feedback as well as articles to the below
mail provided**

mail id: newslettercsediet@gmail.com



Technical Review Committee: Editorial & Design Team