



Faculty Development Program



VIT[®]
Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)

Discussion Points

Title : Advanced Programming Tools and Techniques (AI, Data Analytics and Full Stack Development)

Date : 12-Feb-2024 - 16-Feb-2024

Time : 10:00 - 17:30

Venue : SJT122

- Learn to develop a full stack application by designing style sheets and handle events by Javascript, JQuery and Reactjs with MongoDB database
- Deep Learning models and restricted Boltzmann model
- Generative AI and LLM models
- Latest research in Generative AI and future of LLM
- Predictive analysis of data stored in Azure with AZURE power BI

	<p>Resource Person 1 - Details Name : Dr Clara Kanmani A Designation : Associate Professor, CSE PES University University/ Company : PES University, Bangalore Address : India , 560085.</p>
	<p>Resource Person 2 - Details Name : Komal Baheti Designation : Assistant Professor, CSE University/ Company : PES University , Bangalore Address : India , 560085.</p>
	<p>Resource Person 3 - Details Name : S Sivasankari Designation : DataScientist in IQZSystem, NA University/ Company : DataScientist in IQZSystem , Coimbatore Address : India, 600096.</p>
	<p>Resource Person 4 - Details Name : Ragukumar P Designation : Assistant Professor Sr. Grade 1, School of Advanced Sciences University/ Company : VIT, Vellore Address : India, 632014.</p>
	<p>Resource Person 5 - Details Name : Viswanathan P Designation : Professor Grade 1, School of Computer Science and Engineering University/ Company : VIT, Vellore Address : India, 632014.</p>
	<p>Resource Person 6 - Details Name : Pounambal M Designation : Professor Grade 1, School of Computer Science Engineering and Information Systems University/ Company : VIT, Vellore Address : India, 632014.</p>

Resource Person's Profile :

1. Profile of Dr Clara Kanmani A

Dr. Clara Kanmani has 14 years of experience . she completed doctorate in information and computer science from Visvesvaraya Technological University in 2018. Graduated in computer science and Engineering from Vellore Engineering College, TamilNadu . Currently she is a Associate Professor in PES University. Her research area of interest includes Cloud computing ,Semantic web Technologies ,machine learning and cyber security.She has published research papers in IEEE, Springer

2. Profile of Komal Baheti

Mrs Komal working as assistant professor in PES university, Graduated in TPCT's College of Engineering, Osmanabad. she did her masters in CE at SKN College of Engineering Pune. She has totally 10 years of experience in working as a software engineer, as a assistant professor in , Cusrow Wadia Institute of Technology. Her areas of interest are data structures , data communication and cloud computing

3. Profile of S Sivasankari

Dr. SivaSankari has more than 10 years of experience. She did her PhD Anna University her thesis submission was in A Study On Ontology Construction Methods For Prediction Of Skin Ailments From Unstructured And Structured Data. She has experience in developing Machine Learning, Deep Learning and AI solutions for prediction of disease structured and Unstructured data through Computational modelling classification, detection, and inference mechanism along with data analysis, training and testing.

4. Profile of Ragukumar P

Dr. Ragukumar MSc Mathematics - PhD Graph Theory Area of Specialization - Graph Algorithms, Graph coloring, graph labeling , parameterized algorithms. He did his Post Doc in The Institute of Mathematical Sciences, Taramani, Chennai in Theoretical Computer Science Group. he has 16 years of experience. He published many research papers in various reputable journals includes Discrete Mathematics, Theoretical Computer Science, Ars Combinatoria, etc. He is a member of American Mathematical Society

5. Profile of Viswanathan P

Dr P. Viswanathan is a Professor at the School of Computer Science and Engineering, Vellore Institute of Technology. He completed his PhD in CSE in VIT. Prof Viswanathan has more than thirty journal articles published in reputable journals including Elsevier and IEEE. He is a senior member in IEEE. His research interests are Digital image processing, Machine learning, Cloud computing, Internet of Things and Computer graphics

6. Profile of Pounambal M

Dr.Pounambal completed her PhD in Computer Science and Engineering and she has 23 years of experience in VIT. she is working as a professor in School of Computer Science engineering and Information Systems. She has many publications. Her research area of interest includes wireless networks, machine learning and DataAnalytics.

To learn the models in Artificial Intelligence and Machine Learning. Have hands on practical experience in developing full stack application. Gain foundational knowledge, practical skills, and a functional understanding of how generative AI works. Understand the fundamentals of Azure Power BI and its key components and manage Azure ML Services, including creating and configuring compute, storage instances for ML models.

NetBeans - MongoDB -Chatgpt openai

Coordinator's: Prof. POUNAMBAL M 10267 - Professor Grade 1 - SCORE
Prof. RANICHANDRA C 10236 - Associate Professor Grade 2 - SCORE