



Faculty Development Program



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

Discussion Points

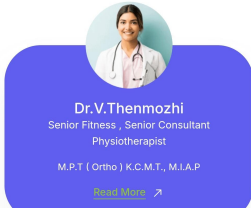
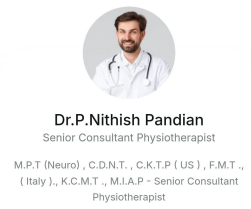
Title : Converging AI and Neurocognition:
Gearing Up for the Learning of Tomorrow

Date : 2024-08-26 - 2024-08-30

Time : 10:00 - 17:30

Venue : TT 116

- AI Tools for Teaching, Learning and Employability Skills
- Wellbeing mental strategies through yoga
- Key Concepts in Neurocognition
- Gamification and the Neuroscience of Learning
- Academics and Storytelling
- Postures and Exercises for Better Memory and Retention
- Design Thinking in Education
- To evaluate the significance of gamification in the present day teaching and learning context and to demonstrate the relevance of neurocognitive concepts for teachers and learners
- To delve into technical pedagogy and stories through documentaries
- To discuss the need for AI in relation to employability skills and to facilitate active use of AI tools for classroom teaching and research
- To illustrate the role of exercises, physiotherapy and yoga in promoting learning behaviour and effective retention skills
- To examine the role of psychology and neurocognition in enhancing long term memory and cognitive learning skills

**Resource Person 1 - Details****Name :** Sujatha Aravindakshan Menon**Designation :** Associate Professor Grade 1, School of Social Sciences & Languages**University/ Company :** VIT, Vellore**Address :** India, 632014.**Resource Person 2 - Details****Name :** Mohafiz Riyaz**Designation :** Associate Professor Grade 1, School of Architecture**University/ Company :** VIT, Vellore**Address :** India, 632014.**Resource Person 3 - Details****Name :** Dr Thenmozhi**Designation :** Senior fitness consultant Physiotherapist, Phsiotherapy**University/ Company :** Sreenidhi Physiotherapy centre, Vellore**Address :** India, 632009.**Resource Person 4 - Details****Name :** Dr P Nitish Pandian**Designation :** MPT Neuro , Physiotherapy**University/ Company :** Shree Nidhi Physio and Rehab Clinic, Vellore**Address :** India, 632009.**Resource Person 5 - Details****Name :** Muayyed Juma Al Nasrulla**Designation :** Assistant Professor, Department of English Language**University/ Company :** Al Farahidi university , Baghdad Iraq**Address :** Iraq, 10011.**Resource Person 6 - Details****Name :** Rita Rani Bhattacharjee**Designation :** Sr Students Counsellor Level III and Head, Students Welfare**University/ Company :** VIT, Vellore**Address :** India, 632014.**Resource Person 7 - Details****Name :** Beulah Valarmathi C**Designation :** Student Counsellor, Students Welfare**University/ Company :** VIT, Vellore**Address :** India, 632014.**Resource Person 8 - Details****Name :** Dr Yayathee S**Designation :** Consultant Psychotherapist and Counsellor, Psychotherapy and Counselling**University/ Company :** Rela Hospital , Chennai**Address :** India, 600044.

**Resource Person 9 - Details****Name :** Anitha Devi V**Designation :** Professor Grade 1, School of Social Sciences & Languages**University/ Company :** VIT, Vellore**Address :** India, 632014.

Resource Person's Profile :

1. Profile of Sujatha Aravindakshan Menon

Dr. Sujatha Aravindakshan Menon currently works in the School of Social Sciences and Languages, VIT University. Her research interests include CALL, Content development, Gamification, Teaching and Learning Strategies, Teacher Training and Development, Narratology, Eco-spirituality and myth, Criminal Psychology, Food Studies, Myth, and Mythopoeia. She is also a storyteller and conducts workshops on narratives and storytelling.

2. Profile of Mohafiz Riyaz

Prof Mohafiz Riyaz is an architect, academician and a writer. He is an Associate Professor at VIT School of Architecture. His research revolves around the computational process in architectural design, digital fabrication and advanced design processes in architecture. He believes aligning architecture's form, finding processes with biology and computation can lead to more sustainable and performant structures. He has given lectures at architectural institutes in India, Malaysia and the UAE.

3. Profile of Dr Thenmozhi

Dr. V. THENMOZHI is an MPT (Ortho) K.C.M.T., MIAP, Senior Consultant Physiotherapist, Senior Fitness Consultant, Kinetic Control Therapist and a Certified Yoga Therapist at Shree Nidhi Physio and Rehab Clinic.

4. Profile of Dr P Nitish Pandian

Dr. P. NITHISH PANDIAN is an MPT (Neuro) C.D.N.T., C.K.T.P (US), F.M.S., (Italy), K.C.M.T., M.I.A.P He is a Senior Consultant Physiotherapist and Facial Manipulation Therapist. He runs two Physio Clinics and Fitness Centers at Sathuvachari and Katpadi. He is passionate in making a pain free environment.

5. Profile of Muayyed Juma Al Nasrulla

Dr. Muayyed Juma Al Nasrulla has taught at various universities in Iraq and the other regions. He has authored over 30 research papers published in impact factor journals. His book on learning English from Hollywood movies is a prescribed book for the courses on English grammar in the various universities of Iraq.

6. Profile of Rita Rani Bhattacharjee

Dr. Rita is currently the HOD in counselling division, VIT, Vellore. She has an experience of almost two decades helping students in academic, personal and psychological issues. She has expertise of treating clients suffering from anxiety, depression, OCD, Bipolar disorder. She has given lectures on stress management, Life skills and various other topics across many educational institutions in India.

7. Profile of Beulah Valarmathi C

Ms. BEULAH VALARMATHI is a post graduate in Counseling Psychology. She is a counselor with over a decade of experience. She has served in various Mental Health Centres, Educational Institutes and Hospitals. She is specialized in child and adolescent behavioral issues, anxiety, depression disorders, OCD, substance abuse, addiction, eating disorders as well as suicide attempt.

8. Profile of Dr Yayathee S

Dr Yayathee S is a Consultant Psychotherapist, Trainer, Facilitator, Spiritual Scientist. He is a multiversatile personality with 16 plus years of experience in the field of Nursing, Administration, Research and Mental health. He is a trainer and facilitator for multiple topics in the fields of nursing, research, quality and Mental Health. He has authored a Self-Help book titled Forgiving and Forgetting for Whom which is published in English and Tamil. He is the youngest PhD holder in Nursing,

9. Profile of Anitha Devi V

Dr. Anitha Devi V currently works in the Department of English, School of Social Sciences and Languages, Vellore Institute of Technology. Anitha does research in Computer Assisted Language Learning, Composition Studies and Computational Linguistics. Her disciplines are Linguistic Typology, Composition Studies and Computational Linguistics. Her skills and expertise are PBL, Teaching and Learning, Language Teaching, Collaborative Learning, Critical Thinking and Academic Writing

This FDP aims at providing insights into Artificial Intelligence as an interface and learning tool. In the course of the FDP, faculty will have a clear understanding of various AI tools that help teachers in planning, content creation, teaching, and assessment. Neurocognition is another field that is rapidly gaining momentum in the learning environment, and is becoming the need of the hour. Usually, teachers resort to strategies intuitively and impulsively without knowing their rationale and intrinsic value. This FDP aims to present key concepts in neurocognition that will help faculty in choosing the right strategies that foster brain-based learning. Since the approach to this FDP is to treat education at a holistic level, physiotherapy and psychology have also been integrated in order to understand how the body responds to learning stress and active learning, and how memory and learning, that shape learner aptitude and attitude, can be interpreted from a psychological and neurocognitive perspective.

laptops, projector, handouts

Coordinator's: Prof. SUJATHA ARAVINDAKSHAN MENON 19627 - Associate Professor Grade 1 - SSL
Prof. SUNITHA V 14798 - Associate Professor Grade 2 - SSL