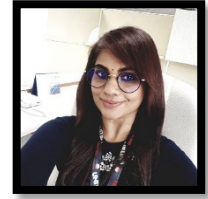


EXPERT PROFILE

TS. DR. SARASWATHY SHAMINI GUNASEKARAN

- Position: Senior Lecturer College of Computing & Informatics UNITEN
- Years of professional experience: 19 years
- Research Centre: Institute of Informatics and Computing in Energy (IICE)
- **Research Forte:** Artificial Intelligence in healthcare, education, internet of things, robotics, green and alternative renewable energy



EDUCATIONAL BACKGROUND

- PhD in ICT @ UNITEN
- Master of Science (MIS) @ Universiti Putra Malaysia
- Bachelor of Science (Hons) (Information Technology.) UNITEN



PROFESSIONAL EXPERIENCE

Saraswathy Shamini Gunasekaran is a senior lecturer at UNITEN, where she works on enriching the academic realm of her students through a fun and engaging classroom environment. Her research interest in the field of Artificial Intelligence has bagged her gold, silver, bronze and special awards in International and National Level competitions apart from actively engaging herself with potential industries to further commercialize her research ideas. She looks forward for collaboration possibilities in the areas of agent technology essentially in the field of Artificial Intelligence, specifically in area focusing in Social Commerce, Smart Sustainable Cities, Energy Informatics, Health Informatics Autonomous Agents and Smart Education.

KEY PROJECT HIGHLIGHTS:

Title	Role	Grant	Start Date	End Date	Research Domain	
					Main Research Domain	Sub Research Domain
Investigating the influence of Extended Intelligence in a Collective Intelligence model used in automating and optimizing the surveillance, prevention and control of Aedes breeding grounds at local construction sites.	Project Leader	UNIIG 2018 Grants	30/03/2018	31/03/2019	Information and Communication Technology	Artificial Intelligence

EXPERT PROFILE

A Task-oriented Multi-agent Collaboration in Drone Operations	Project Leader	PRGS	01/02/2016	31/01/2018	Information and Communication Technology	Artificial Intelligence
Modeling The Emergence of Collective Intelligence	Member	FRGS	27/09/2012	27/09/2016	Information and Communication Technology	Artificial Intelligence
_A Smart City Index Model through Multi-Criteria Evaluation Method to Measure Malaysian Cities' Smart Performance	Project Leader	Pocket Grant	08/2019	12/2019	Information and Communication Technology	Artificial Intelligence
Smartphone Addiction Disorder : Reducing its Negative impact on University Students	Member	YCU Grant	2018	2019	Information and Communication Technology	Social Science
Development of Quantitative Risk Assessment of Digital Image Correlation Methods to Detect and Monitor tunnel instabilities	Member	TNB Seed Fund	23/1/2021	Ongoing	Engineering Technology	Software Engineering