

## WHO CAN ATTEND

- The Program is open to all Full time faculties from AICTE approved -Government/Government aided /Un aided Colleges
- Participants are requested to fill the registration form through the given form link or through QR Code

## IMPORTANT DATES

Last Date of Registration: 10-December 2021

Intimation of Selection: 12-December 2021

## ABOUT AICTE

All India Council for Technical Education (AICTE) was set up in November 1945 as a national-level apex advisory body to conduct a survey on the facilities available for technical education and to promote development in the country in a coordinated and integrated manner. And to ensure the same, as stipulated in the National Policy of Education (1986), AICTE was vested with:

- Statutory authority for planning, formulation, and maintenance of norms & standards
- Quality assurance through accreditation
- Funding in priority areas, monitoring, and evaluation
- Maintaining parity of certification & awards
- The management of technical education in the country

## ABOUT ISTE

ISTE -Indian Society of Technical Education is the leading National Professional non-profit making Society for the Technical Education System in our country with the motto of Career Development of Teachers and Personality Development of Students and overall development of our Technical Education System.

## RESOURCE PERSONS



**Dr. SHREEDHAR H K**

Associate Professor

Dept. of Electronics & Communication

Engineering,

Global Academy of Technology,

Bengaluru-560064 , Karnataka,



**Dr. GEETHA PRAKASH**

Country Programs Officer-India

TOOOPLE Digital Skill Pvt Ltd &

TOOOPLE Technologies Pte Ltd

The Virtual Projects Company

## PATRONS

**Mr. KAUSHIK RAJU**

Director, Technical, Atria I.T

**Mr. SHAHEEM RAHIMAN**

CEO, Atria Education

**Dr. T N SREENIVASA**

Principal, Atria I.T.

## PROGRAM CHAIR

**Dr AISHWARYA P**

Professor & Head

Department. of CS&E

Atria Institute of Technology



**ATRIA INSTITUTE OF TECHNOLOGY**

**DEPARTMENT  
OF  
COMPUTER SCIENCE & ENGINEERING  
PRESENTS**

**AICTE-ISTE  
SPONSORED 6 DAYS  
INDUCTION/REFRESHER  
PROGRAM(ONLINE)**

ON

**"MATLAB  
&**

**ITS APPLICATIONS"**

17 December - 23 December 2021

HOSTED BY



## ABOUT SPEAKERS

Dr. HK Shreedhar has a PhD in signal processing and has around 20 years of experience. He has expertise in signal processing using Matlab and has executed several projects and published papers in National and International conferences and Journals and has also been the chair person for conferences.

Dr. Shreedhar has delivered lectures and handled various sessions on Matlab for Signal processing and allied domains in several workshops and Faculty development programs. In addition he has supported several internships on Matlab and Simulink.

He has also been a part of workshops related to ARM processors and Analog and Digital Communication. As an active researcher, he also handles consultancy projects on signal processing.

Dr. Geetha Prakash has a PhD in Optical Communications from NITK Surathkal, and with over 30 years of experience in academics and industry, she is currently Country Programs Officer at TOOOPLE Technologies Pte. Ltd., based in Singapore. Her role includes Mentoring student teams to execute projects in accordance with industry standards, work with the company advisors in firming up certification programs and Delivering and improving NOCN(UK) Certification Programs

She has studied Sustainable Business Strategies from Harvard Business School(Online) and completed a PG Diploma in Environmental Law jointly offered by from National Law University, Delhi and World Wildlife fund and is also an IBM certified Data Science Professional As an active researcher, she has several papers in National and International Journals and Conferences.

She has been a reviewer and Chair at International Conferences and has delivered several talks and lectures in India and abroad. Her interests include Sustainable businesses, renewable energy, Communication systems, Artificial Intelligence and Machine Learning

## ABOUT DEPARTMENT

Department of Computer Science and Engineering (CSE) was established in the year 2000. The CSE Department is Affiliated to Visvesvaraya Technological University Belgaum, Karnataka

Vision :To be a model centre for education and higher learning to meet the computing challenges of the industrial demands and societal needs.

Mission Empower the graduates with the fundamentals in design and implementation of computational systems through curriculum and research in collaboration with industries and institutes of repute.

To develop a state-of-the-art infrastructure and create ambience for education capable of interdisciplinary research and skill enhancement.

To recruit and retain quality faculty who have academic and industry exposure, to impart domain knowledge and to position our students in the global IT ecosystem.

To determinately carry out Professional Brilliance with Ethical and Moral Standards.

### Achievements:

Received Grants from AICTE, ISTE, VGST & KSCST, Govt of Karnataka and Department of Science and Technology, Govt of India

Received grants from DST- NSTEDB, EDII, Ahmedabad for conduction of Entrepreneurship Awareness Camp[EAC]

Registered with Internshala for Internships and Scholars Merit for Employability

Approved Kryterian Testing Center Nodal Center for VLAbS, Amrita Vishwa Vidyapeetham

## ABOUT COLLEGE

Atria Institute of Technology was established in the year 2000 under the management of A S Kuppa Raja & Brothers Charitable Foundation Trust. This self-financed private institution is a unit of the istinguished Atria group.

The institute is located at Hebbal in Bangalore, Karnataka. The institute is affiliated to the Visvesvaraya Technological University (VTU), Belgaum. It is approved by the Government of Karnataka and the All India Council for Technical Education (AICTE), New Delhi. It has been accredited by the National Board of Accreditation, & graded by NAAC-National Assessment and Accreditation Council-New Delhi.

The institute is counted among the reputed technical institutions of Karnataka. It has a team of well qualified and dedicated faculty who guide and groom the students towards academic excellence in the field of Engineering and Management.

The institute follows a student-centric approach and implements many innovative programs to help the students to achieve success and become globally acceptable engineers.

## REGISTRATION

**Registration Fee: NIL**

**Registrations Link:**

**<https://forms.gle/JrAsPenXdmLTUqjP7>**

**or**

**Scan**



**Session link will be sent to the registered participants before the dates of the Program**

**Queries: [rajendra.m@atria.edu](mailto:rajendra.m@atria.edu)**

**9036863378**

**Atria Institute of Technology**  
 Department of Computer Science & Engineering  
 6 Day AICTE-ISTE Sponsored Induction/Refresher Program on  
 “MATLAB AND ITS APPLICATIONS”  
 17th Dec to 23rd Dec 2021

**Schedule**

Date	Day	Timings	Topics
<b>17th Dec 2021 Day-1</b>	Friday	10.00 am to 1.00 pm	Inaugural function, Introduction to Matlab
		2.00 pm to 4.30pm	Introduction to Functions, Embedding a text message into image (Steganography)
<b>18th Dec 2021 Day-2</b>	Saturday	10.00 am to 1.00 pm	Embedding one image into another image (Steganography)
		2.00 pm to 4.30pm	Introduction to filters and application of filters
<b>20th Dec 2021 Day-3</b>	Monday	10.00 am to 1.00 pm	Data Analysis and Data visualisation with Matlab- Theory
		2.00 pm to 4.30pm	Data Analysis and Data visualisation with Matlab- Hands-on session
<b>21st Dec 2021 Day-4</b>	Tuesday	10.00 am to 1.00 pm	Communications systems and topics related to 5G- Theory
		2.00 pm to 4.30pm	Communications systems and topics related to 5G with Matlab Hands-on session
<b>22nd Dec 2021 Day-5</b>	Wednesday	10.00 am to 1.00 pm	Artificial Intelligence and Machine Learning with Matlab- Theory
		2.00 pm to 4.30pm	Artificial Intelligence and Machine Learning with Matlab- Hands-on session
<b>23rd Dec 2021 Day-6</b>	Thursday	10.00 am to 1.00 pm	Augmented Reality and Virtual Reality with Matlab
		2.00 pm to 4.30pm	Executing research projects using Matlab, discussing some state of the art topics Valedictory