

AICTE – ISTE sponsored online Induction/Refresher Program on “HIGH PERFORMANCE COMPUTING”

Resource Person

- The course content will be delivered by the eminent personalities from reputed Institutions. Apart from academic institutions, experts from industry will supplement the practical aspects of the course contents.

Target Audience

- Faculty members of AICTE approved institutions
- High priority for ISTE Life Members

Registration

- Participants are selected based on early registration as the number of participants is limited.
- Last date for registration: 9th January 2022
- No registration fee

Registration Link

<https://forms.gle/97J2uGhkTs2viGXH6>

Certificate

- A test shall be conducted at the end of the program.
- The certificate shall be issued to those participants who have attended the program with minimum 80% attendance and scored minimum 60% marks in the test.

CHIEF PATRON

Sri. H C Balakrishna

President, JES, Bengaluru

PATRONS

Sri. S T Narayana Gowda, Vice President, JES, Bengaluru

Dr. C N Manchegowda, Secretary, JES, Bengaluru

Sri. I Narayana Reddy, Joint Secretary JES, Bengaluru

Sri. N Nagaraj, Treasurer, JES, Bengaluru

Sri. Harish Appa Reddy, Internal Auditor, JES, Bengaluru

Sri. Anil G V, Chairman - Purchase Committee,

Publicity & Brand Building, JES, Bengaluru

Sri. K Syama Raju, Chairman, GC, VKIT. Bengaluru

Smt. Indira Gopalkrishna, Vice-Chairman, GC,
VKIT. Bengaluru

Dr. N Govindaraju, Advisor cum Administrator,

VKIT, Bengaluru

Organising Chair

Dr. Padmanabha S, Principal, VKIT, Bengaluru

Dr. D V Chandrashekar, Vice Principal, VKIT, Bengaluru

Convener

Dr. Bhagyalakshmi.N, Prof and Head,

Dept. of ECE, VKIT, Bengaluru

Coordinators

Mrs. Poornima H S, Assistant Professor, Mob: 8951308799

Mr. Faisal K, Assistant Professor, Mob: 9943027422

Mrs. Deepa Mathew, Assistant Professor, Mob: 9632864033

Important Dates

Last date for Registration: 9th January 2022

Program Date: 12th to 19th January 2022



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12th – 19th January 2022



Organized by
Dept. of Electronics and Communication
Engineering



Janatha Education Society®
**VIVEKANANDA INSTITUTE OF
TECHNOLOGY**

Gudimavu, Kumbalgotu Post,
Kengeri Hobli, Bengaluru – 560074

Website: www.vitb.ac.in



About VKIT

Vivekananda Institute of Technology (VKIT) was established in the year 1997 by Janatha Education Society (JES) - Rajajinagar, Bengaluru, in its Silver Jubilee year and is one of the esteemed Engineering colleges in Karnataka. It is spread over 26 acres, located in Gudimavu with greenery in the campus. JES was established in the year 1972 and has 14 institutions.

The college offers UG and Ph.D programmes with VTU recognised research centres in ECE, CSE, Mechanical, Mathematics and Chemistry departments. College renders quality based education aimed at building skill, expertise and knowledge among its students in the area of technology and design. VKIT is affiliated to Visvesvaraya Technological University, approved by AICTE New Delhi and recognized by Government of Karnataka. VKIT has carved a niche for itself for its best technical education provided in the state. At Vivekananda Institute of Technology, we value every individual in our care and it is our aim to provide the best possible academic environment in which students can succeed.



About the Department of ECE

The Department of Electronics and Communication was established in the year 1997 with an intake of 60. The department is equipped with excellent infrastructure with state-of-art laboratories, equipment, software, latest computers and e-classroom with smart boards. Qualified experienced dedicated faculties with passion for teaching assists the students to realize their potential. The department strives to implement beyond the curriculum and supports the students in acquiring employability skills along with personal and career growth

About AICTE – ISTE

AICTE promotes the quality in teaching, plans and coordinates the development of technical education system and regulates and maintain the norms and standards.

The Indian Society for Technical Education(ISTE) empowers the career development of teachers and personality development of students and overall development of our technical education system.

AICTE and ISTE jointly sponsoring for Induction/Refresher programme to help the faculty members to update their knowledge and providing an opportunity for interaction and mutual exchange with resource persons identified from industries and renowned institutes having expertise in particular areas of specialization.

Programme Schedule		
Sl. No	Date	Content
1	12/01/2022	Introduction to High Performance Computing, Domains in High Performance Computing, Industrial Applications, Job Opportunities.
2	13/01/2022	Introduction to Cloud Computing, Need for Cloud and its benefits, Most popular cloud Platforms, Paas vs Laas vs SaaS, Private, Public and hybrid cloud, Python Basics.
3	15/01/2022	About Azure, Azure core architecture, Azure portal & Marketplace, Core Azure Services, Azure Virtual Machines, Networking Basics, Linux Machine on Cloud.
4	17/01/2022	Azure Service- Database + Analysis, MYSQL Database Application, Management Services, Blob Storage, Data Archived and Backup, Container in Azure Cloud.
5	18/01/2022	Azure Chatbot Service, Conversational AI, Q & A Maker, Azure CLI, Azure cognitive Services, Azure Iot Hub, Azure ML Studio.
6	19/01/2022	Connect APIs to cloud environment, Azure analysis Service, Azure AI NLP Services for Sentiment Analysis, AI Face Recognition and Emotion State Detection, Supervised Learning, Deploying Flask Web App.