

## REGISTRATION FORM

National Workshop  
on  
Relevance of  
Vedic Mathematics  
to  
Real World Computing  
(24th September 2019)

### Resource Persons:

Dr. R.V.S.S. Avadhanulu, Director, Veda Bharathi  
Dr. Debashish Chakrabarthi, Director, DRDO  
Dr. V.N. Sastry, Professor, IDRBT  
Dr. K.Rajasekhar, NIC, Hyderabad

### Patrons:

Sri. P. Prabhakar Reddy, Chairman, CBES  
Sri. N. Subash, Secretary & Correspondent, MGIT  
"Kavikireeti" Dr. V. Malakonda Reddy, Advisor,  
MGIT; President, CBIT  
Smt. D. Sandhya Sree, Chairperson, D&P, CBES  
Prof. K. Jaya Sankar, Principal, MGIT

Name of the Applicant :

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Department.....

Year.....

Institution/College.....

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Address for Communication:.....

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The Registration form may be downloaded from  
the Institute's website [www.mgit.ac.in](http://www.mgit.ac.in) and can  
submit to HoD, M&H/CSE/IT.

Mobile:.....

e-mail id:.....

Signature of the Participant .....

National Workshop  
on  
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Organized  
by

Departments of M&H, CSE & IT



**Mahatma Gandhi Institute of Technology**  
(Affiliated to JNTUH, Accredited by  
NAAC ' with 'A' Grade and NBA)  
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Website: [www.mgit.ac.in](http://www.mgit.ac.in)

### **About the Institute:**

Mahatma Gandhi Institute of Technology (MGIT) was established by the Chaitanya Bharathi Educational Society (CBES) in 1997 and since inception it has maintained good academic track record and stood among the top engineering colleges in Andhra Pradesh and Telangana. The primary objective of this society is to create temples of knowledge so as to impart value-based education to the present and future generations of our country. MGIT is permanently affiliated to JNTU, Hyderabad and accredited twice by National Board of Accreditation (NBA) and accredited by NAAC with 'A' Grade and also recognized by UGC under 2(f) and 12(b). The college offers UG Programmes in eight branches of Engineering with a total intake of 900 (CSE, ECE, EEE, IT, MCT, MEC, CIVIL and MMT) and PG Programme in six branches.

MGIT has 250 well qualified faculty members with 44 Ph.D holders and 70 faculty members who have registered for Ph.D with reputed Institutions. The Institution was ranked among the best Engineering Colleges in the band of **150-200 by NIRF, MHRD** in the year 2017. **CSR-GHRDC** rated MGIT as one of the top emerging engineering colleges of excellence from A.P. and Telangana at all Indian level. The **Week Magazine** has rated MGIT among top 100 engineering colleges in India. **ISTE chapter** of MGIT has been adjudged as the best chapter of A.P. for the year 2012. AICTE has funded the IIPC, RPS and EDC MODROBS projects and also sanctioned grant in aid to organize FDP programs. MGIT is accredited by TCS for campus placements. Many multinational companies regularly visit MGIT for campus placements.

### **About the Department:**

#### **M&H**

The Department of Mathematics & Humanities is equipped with State-of-the-art laboratories, highly qualified, committed and dedicated faculty. With more than a decade of experience in training students to acquire language and soft skills through Activity Based Teaching (ABT), this discipline is the backbone to the college supporting and coordinating with the Placement Cell through finishing school for all the engineering graduates.

**CSE:** The Department of Computer Science has excellent infrastructure with latest Software Programmes, dedicated teaching faculty supported with a Central Library and Departmental Seminar to cater to the needs of the student chapter of CSI.

**IT:** The Department of Information Technology has well experienced faculty with sophisticated infrastructure to cater to the professional needs of Staff & Students.

#### **About the Seminar:**

Vedic Mathematics is a complete and coherent system offering simple, direct techniques through use of our natural thought processes. It is a brilliant approach to techniques of problem solving in Mathematics. It has a growing interest around the world, particularly in India. It was developed and expounded by Shankaracharya Sri Bharati Krishna Tirtha during the first half of the 20th century. The system offers quick and easy methods of calculation. It is based on only a few short rules, 16 sutras and a similar number of sub-sutras, and these form the substratum of mathematical thinking. They provide short and

pithy rules of thumb, general and specific principles together with methods of working.

This unified system offers an easy, enjoyable and mentally harmonious approach to problem solving in Mathematics. Students are also encouraged to apply their creativity and this leads to a deeper understanding of Mathematics, greater mental agility, improved memory and increased speed.

The workshop will be helpful for the students and faculty of the Departments of Computer Science and Engineering, Information Technology and Mathematics & Humanities. The concepts to be discussed in the workshop have extensive applications in the field of Artificial Intelligence, Data Science, Biomedical Engineering and Satellite Communication.

### **Organizing Committee**

#### **Chairman:**

Prof. K. Jaya Sankar, Principal, MGIT  
Prof. M.Satyanarayana Reddy, MGIT  
Prof. M.V. Ramana Murthy, Head Dept of M&H  
Prof. C.R.K. Reddy, Head, Dept of CSE  
Prof. D. Vijaya Lakshmi, Head, Dept of IT  
Faculty members of CSE, M&H & IT

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#### **Topics Covered**

1. Ancient and Indian Mathematics
2. Vedic Mathematics in School Education
3. Applications of Vedic Mathematics in Artificial Intelligence, Data Science, Biomedical Engineering and Satellite Communication.