

Resource Persons:

- Padmabhushan Dr. B. L. Deekshtulu
- Padmabhushan Dr. Palle Rama Rao
- Dr. Debasis Chakrabarthy, DRDO
- Dr. Sai baba, DAE
- Dr. V. P. Dimri, CSIR
- Dr. E. Bala Guru Swamy
- Dr. V. C.V.Rao, C-DAC
- Dr. Vipin Srivastav, NFC
- Dr. S. Chandrashekar, IICT
- Dr. V. M .Tiwari , NGRI
- Dr. U.B. Desai, IIT Hyderabad
- Dr. S. Sundhar, IIT Chennai
- Dr. S. Raghurama Rao , IISc Bengaluru
- Dr. P.D.N. Srinivas, Vice-Chancellor, Satya sai University (GUL)
- Dr. D.L.N. Somayajulu, Director IIIT
- Dr. G. Ram Murthy, IIIT (H)
- Dr. V.N. Sastry, IDRBT
- Dr. J. V. Ramana Murthy, NIT Warangal
- Dr. P.L. Srinivasa Rao, Harvard University
- Dr. B.V.S. Prabhakar Ra , BITS Hyderabad
- Dr. K.K. Raju , BITS Hyderabad
- Mr. Venugopal Kandimalla, Sr. Vice President Tech Mahindra
- Mr. Venkata Krishna Kancherla , Mico Bosch-IT (Head)
- Mr. B.M. Naidu, Hyderabad Metro (L &T) Project Director
- Mr. Prasad Shiva Lanka, IT Head, Wells Fargo
- Dr. V. Subramanyam, Courage Soft
- Dr. G. Ravi Babu, Vanmali Infotech

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. A. Venugopal Reddy, Vice-Chancellor, JNTUH**
- Prof. S. Ramachandram, Vice-Chancellor, O.U Hyd.**
- Prof. R. Sayanna, Vice-Chancellor, K.U Warangal**
- Prof. B. Rajarathnam, Vice-Chancellor, Palamuru University , Mahabubnagar**
- Dr. K. Jaya Sankar, Principal, MGIT**

REGISTRATION FORM

**National Seminar
On
Invention Tools for Engineering
(30th -31st August 2019)**



Name of the Applicant along with Designation:

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Department.....

Qualifications.....

Teaching Experience.....

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

Mobile:.....

e-mail id:.....

Payment details: Date & Bank

Mode of Payment: (✓)

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Signature of the Participant

**National Seminar
On
Invention Tools for Engineering
(30th -31st August 2019)**

**Organized
By**

Departments of M&H, P & C

CIVIL, EEE, MECH, ECE, CSE, IT, MCT andMME



Mahatma Gandhi Institute of Technology

(Affiliated to JNTUH, Accredited by NAAC ‘ with ‘A’ Grade and NBA)

Chaitanya Bharathi (Post), Gandipet, Hyderabad-75.

e-mail: nsite19@mgit.ac.in,

mgitnsite19@gmail.com

Website: 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 Six branches of PG.

MGIT has 250 well qualified faculty members with 44 Ph.D holders, 70 faculty members registered for Ph.D with reputed Institutions and 163 qualified non teaching staff. 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 of organizing FDP programs. MGIT is accredited by TCS for campus placements. Many Multinational companies regularly visit MGIT for campus placements.

About the Department: M&H

Department of Mathematics & Humanities is equipped with the 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.

About the Department: P&C

Dept of Physics and Chemistry is catering to the needs of students of all the branches of Engineering offering the subjects Engineering Physics and Engineering Chemistry. Department has highly qualified, committed and experienced faculty with diversified interest of research in engineering and technology such as propellants, medicinal materials compositions and material chemistry with excellent infra structure facilities.

About the Core branches of Engineering

CSE: The Department of Computer Science has excellent infrastructure with latest Software's, dedicated teaching faculty supported with a Central Library and Departmental Seminar to cater the needs with a student chapters of IEEE & CSI.

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

EEE: The Department Electrical and Electronics Engineering has gained rapid importance in view of ever growing demand for power. The Department has outstanding faculty with excellent research competence and well equipped infrastructure to cater the professional needs.

ECE: The Department of ECE is to strive towards the development and dissemination of knowledge in the areas of Electronics and Communication Engineering. Department has dedicated and well qualified and experienced faculty to meet with the ever growing demand in building the digital society.

ME&MCT: The Department Mechanical and Mechatronics plays a crucial role in catering the needs of the society towards building a robotic environment to keep abreast of the rapid growth of technology with well equipped infrastructure and dedicated faculty.

CIVIL: This department has dedicated and devoted faculty supported with excellent infrastructure to cater the professional needs and current requirements in the context of GIS and GPS Soft wares such as Staadpro, Auto cad, Arc GIS, supplied by ESRI.

MME: The Department towards the development and dissemination of knowledge in the field of Metallurgical and Materials Engineering. Materials technology meets the demand with Nano Materials, Ceramics and Superconductors.

About the Seminar:

Engineering is application of Science; Technology is means of invention with well defined principles, axioms and laws supported by proper logic and communication. It is proposed to set a common platform for both Scientists and Engineers for sharing and exchanging insights on the needs of society. In this context, the department of M&H, Sciences in collaboration with the core branches of engineering, wishes to conduct a National level seminar with the theme on Invention Tools for Engineering. The proposed seminar is scheduled for two days by covering all the major branches of core engineering requirements with an interaction of experts drawn from internationally reputed academic institutes and Industries

followed by technical paper presentations by the participants in any of the modes, poster as well as oral presentation.

Poster Presentation

- The abstract must not exceed 250 words. It must be in MS Word format, Times New Roman, 12 Font with 1.5 line space.
- Abstract to be sent: nsite19@mgit.ac.in (or) mgitnsite19@gmail.com
- Last date of submission of abstracts 20th June, 2019
- Acceptance of abstracts 29th June, 2019
- Selected abstracts will be invited for the publication in the UGC recognized peer reviewed journal
- Last date for submission of full length papers 10th July, 2019

Eligibility:

Seminar is open to all faculties of Polytechnics/ Engineering/Science Institutions approved by AICTE/UGC.

REGISTRATION FEE:

Research scholars and Students: 1000

Faculty members : 1500

Industry Delegates : 2500

Registration fee can be paid through online

A/C Name: **ICICI Bank**

Account Number: 180401001260,

IFSC Code: ICIC0001804

- Registration fee includes Tea & Working lunch and conference kit
- Selection will be made on First-cum- First serve basis
- No T.A. and D.A. will be provided
- Participants may avail the college transport. Details are available at www.mgit.ac.in

Organizing Committee

Chairman:

Dr. K. Jaya Sankar, Principal, MGIT

Convener:

Dr. M.V. Ramana Murthy, Head Dept. M&H

Co-Conveners:

Dr. M. Satyanarayana Reddy, Director, AES

Dr. K. Sudhakar Reddy, Head, Dept. Mechanical.

Dr. S. Raji Reddy, Dept. M&H

Dr. S.P. Singh, Head, Dept. ECE

Dr. C.R.K. Reddy, Head, Dept. CSE

Dr. S. Chinna Ramu, Prof. In-charge AEC, CBIT

Dr. K.V. Ramana Reddy, Head, Dept. Civil

Dr. D. Vijaya Lakshmi, Head, Dept. IT

Dr. P. Ram Kishore Kumar Reddy, Head, Dept. EEE

Dr. M. Ravi Chandar, Head, Dept. P&C

Dr. K. Ramanjaneyulu, Head, Dept. MME

Conference Coordinators:

Dr. K. Srihari

Dr. G. Shantha

Dr. S. Aruna

Dr. P.V. Janardhana Reddy

Dr. V. Subbaramaiah

Mr. S.K. Irfan Babu

Mrs. A.V.L. Prasuna

Mrs. B. Swetha

Dr. B. Venu Gopal Rao

Dr. G. Kumara Swamy

Dr. P. Chandrasekhar

Dr. T.D. Bhatt

Mr. K. Sarupya Santhosh

Ms. D. Kiranmaye

Dr. M. Phani Raj

Address for Correspondence:

Email: e-mail:

nsite19@mgit.ac.in (or) www.mgit.ac.in

Topics Covered

1. All branches of Engineering Mathematics
2. Physical Sciences- Functioning materials / solid state/ Electronics.
3. Chemical sciences with Organic, Inorganic, Physical, natural products and material chemistry.
4. All areas of Electronics and Communication Engineering include: VLSI design, Embedded systems, Digital signal processing, Digital image processing, Radar and Antennas. etc.
5. All areas of Electrical and Electronics Engineering: Advanced Power systems, Smart grids systems, computing techniques in EE, A.I. Techniques in power techniques, VLSI & Embedded systems in EE.
6. All areas of Computer Science Engineering and Information Technology include Computer networks, Network securities, Artificial intelligence and expert systems, Neural networks, Data science, Embedded architecture, IOT, Big data, Mobile computing, Data mining, Ubiquitous learning, Pervasive Computing and Software Engineering. etc.
7. All areas of Mechanical Engineering include Mechanics and Dynamics of solids and fluids, Corrosion, Thermal engineering, CFD, CAD and Robotics along with Production, Gas and arc welding technologies etc.
8. All areas of Civil Engineering include Structural Engineering, GIS, water resource management, Soil Engineering and Disaster Management etc.
9. All areas of Metallurgical and Materials Engineering include broad spectrum of applications of Metallurgical and Material Science Engineering.