Website: www.mgit.ac.in Email:: principal@mgit.ac.in



Phone : 91-40-24193057 & 69 Fax : 91-40-24193067

Direct 91-40-24193070

MAHATMA GANDHI INSTITUTE OF TECHNOLOGY

(Established in1997 by Chaitanya Bharathi Educational Society) (Permanent Affiliation to JNTUH; Six UG Programs Accredited by NBA in 2009 & 2014)

Kokapet (Village & Gram Panchayat); Rajendra Nagar (Mandal); Ranga Reddy (Dist.) Chaitanya Bharathi P.O., Gandipet, Hyderabad - 500 075, Telangana, INDIA.

Dr. G. CHANDRA MOHAN REDDY

B.Tech (Mech); M.Tech (M/c Tools); Ph.D; FIE
LM ISTE, ISME TSI & MIEEE; Hon Secry IEIAPSC 2006-08
PRINCIPAL

MGIT/MAR/12/17, Dt.30.01.2018

Dear Sir,

Sub: MGIT – Report on the important events organized & achievements of students and faculty during the month of **December, 2017** – Reg.

-X-X-X-X-

- 1) Department of Electronics and Communication Engineering organised:
 - a) AICTE sponsored Two Week Faculty Development Programme on "Research Trends in Digital Image and Video Processing" from 4th to 16th December 2017. The programme inaugurated by Dr.B.Gopala Krishna, Dy. Director, NRSC, Hyderabad as Guest of Honour. About 60 Faculty members from various Engineering colleges across India attended the same. The sessions of this FDP were delivered by various eminent speakers from NRSC, IDRBT, IIITH, HCU and JNTU Jagityala.
 - b) As a part of Co-curricular activities, department organized Group Discussion & Role Play, Class on Aptitude & C Language, Exam on Aptitude & 'C' and Just a Minute events for III year ECE students in December, 2017 of this semester under IETE and IEEE Student's Chapter.
- 2) The following staff have been awarded Doctor of Philosophy:
 - a) Mr.Chirra Kesava Reddy, Assistant Professor in Mechanical Engineering on 07.12.2017 from Rayalaseema University, Kurnool
 - b) Ms.S.Aruna, Assistant Professor in Mathematics on 13.10.2017 from Jawaharlal Nehru Technological University, Anantapur
- 3) Department of Civil Engineering organised:
 - a) Workshop on "Structural Analysis and Design using Staad. Pro (SADSt'17)" during 06th to 16th December, 2017 (8 Days) training for 3rd year, 4th year and M. Tech Students on planning, Analysis and Designing of a structure emphasizing mainly on the usage of a software 'Staad Pro'.
 - b) On 21st December, 2017, Dr. K. Jayachandra, Regional Director, CED, NRSC, Hyderabad delivered a Guest Lecture on "GIS Applications for Civil Engineers"

- for B. Tech III Year Civil students for enhancement of employability and strengthening of core engineering subjects as a part of Industry Institute Interaction.
- c) On 28th December, 2017, Dr. K. V. Ramana Reddy, Professor & Head, Department of Civil Engineering, MGIT delivered a talk on "Non-destructive Evolution of Concrete Structure Techniques and Applications" for B. Tech III Year Civil students for enhancement of employability and strengthening of core engineering subjects as a part of Industry Institute Interaction.
- 4) Dept of Mechanical Engineering conducted AICTE Sponsored Two week Faculty Development Program (FDP) on "Recent Advances in Design and Development of Mechatronics & Robotic Systems" during 4th to 16th December, 2017. Sudhakar Reddy, Professor & HoD, Mechanical Engineering (Mechatronics) is the Coordinator of the FDP. Dr.D.N.Reddy, Director, C.R.Rao Advanced Institute of Mathematics, Statistics and Computer Science (University of Hyderabad Campus) is the Chief Guest. Sri B.Gopala Krishna, Dy. Director, NRSC, Hyderabad and Dr.P.Shivaprasad, Senior Expert, R&D Sandvik Materials Technology, Sweden are the Guests of Honour. Smt.D.Sandhyasree, Member & Chair Person, D&P Committee, CBES presided over the function. Dr G Chandra Mohan Reddy. Professor of Mechanical Engg., & Principal MGIT addressed the participants. FDP Valedictory programme was held on 16.12.2017. Dr.P.Chander Sekar, Technical Director & Management Consultant for Technique Design Group, Hyderabad was the chief guest of the programme and the Principal presided over the function.
- 5) Dr G Chandra Mohan Reddy, Professor of Mechanical Engg., & Principal MGIT is the Resource person for the AICTE sponsored Two-week *FDP* (organized by Dept. of MCT, MGIT during 4th 16th December 2017) on "Recent Advances in Design and Development of Mechatronics & Robotics Systems" and delivered Lectures on three topics: 1. Robot Kinematics, 2. Automation & Mechatronics in Manufacturing, 3. Automated Assembly Systems.
- 6) The MGIT Alumni Association, MGIT has organized a Reunion Meet-2017 on December 23, 2017 (Saturday) in the premises of MGIT. Kavikireeti Dr. V Malakonda Reddy, Advisor, MGIT, Smt. D. Sandhyasree, D&P Chairperson, CBES, and Sri J Prathap Reddy, Joint Secretary, CBES and Advisor, MGIT Alumni Association have addressed the Alumni on this occasion. Dr. G Chandra Mohan Reddy, Principal, MGIT welcomed the Alumni. Dr. K Sudhakar Reddy, Convener, Alumni Reunion Meet has summed up about the meet in brief. Over 190 Alumni (160 online + 30 offline) got registered in Google form.

The cultural programs by the Cultural Clubs of the Institute has taken part. Some of the Alumni have also joined these cultural activities. At the end of the program, while proposing vote of thanks, Mr. RVSM. Ramakrishna, President, MGIT Alumni Association and Coconvener, Alumni Reunion Meet-2017, it has been announced by the MGIT Management that the Annual Alumni Meet from now on is designated as "REMINISCENCE". And the Biannual Alumni event (in line with Carpedium, CBIT) is designated as "INVICTUS". The Executive Committee of MGIT Alumni Association has opined that the inclusion of current undergraduates of the Institutes from all the disciplines and forming some student committee groups viz., Website Committee, Technical Committee, Hospitality Committee, PR committee, Workshop/seminar organization committee, and Cultural committee would make a strong bonding between the Alumni and undergraduates. Mr.Mahesh, Joint Secretary, MGIT Alumni Association has come forward to take up the task. He would be meeting the undergraduates who are interested to work towards strengthening the Alumni Association and forming student groups. The program ended with thanking all the Alumni for joining the meet and wishing them to meet during REMINISCENCE-2018.

- 7) (i) NSS unit conducted Personality Development & Life Skills Training programme "Parivartan" on 21.12.2017 by Speaker: Ln.M.Naga Raju and around 250 students attended. (ii) 13 students along with one faculty member attended the program "Vivek Band Campaign Launch and Workshop" on 28th December 2017 organised by Sanskruti Foundation at R.K.Math, Domalguda, Hyderabad.
- 8) Department of Electrical and Electronics Engineering (EEE) arranged a lecture on "Career Opportunities in Electrical Engineering" on 23.12.2017 by Mr.G.Mahesh, Manager, ICICI bank (MGIT Alumni of EEE department).
- 9) Dr.P.Ram Kishore Kumar Reddy, Professor and Head, EEE department has delivered a lecture on "Mathematical Modeling of Control Systems Components" on 13.12.2017 in AICTE sponsored Faculty Development Program on "Design and Development of Mechatronics and Robotics Systems" at MGIT, Hyderabad.
- 10) Dr.M.V.Ramana Murthy, Professor & HoD, M&H Department (a) has taken an actrive role in the conducting ISTAM-2017 at O.U. Engineering College, Hyderabad, as one of the organizing secretaries, in the department of Mechanical Engineering, Civil Engineering and Mathematics and also chaired technical sessions. (b) gave inaugural address on the international conference on "Relevance of Mathematical tools to IOT-Applications" at Shah-Alam-Khan's P.G. Center & Engineering College in Hyderabad on 20th December 2017.
- 11) Department of Mathematics & Humanities celebrated Ramanujan's birthday by organizing lectures of two visiting eminent professors (a) Prof.David Laures, University of Chillis, U.S.A., (b) Prof.J.V.Ramana Murthy, NIT, Warangal.
 - Prof. David Laures enlightened the recent advances in mathematics for the energy transfer applications with the aid of numerical and exact methods and their deployment in an appropriate application area. Prof. J.V.Ramana Murthy has given a brief life sketch of Ramanujan and his inventions. Prof. M.V.Ramana Murthy has given detailed deliberations on Role of Ramanujan's inventions in network security applications for the safe and secure data transmission, by stressing the due importance of number theory for the day-to-day requirements in designing the strategies of security algorithms and Elliptic Curve Cryptography.
- 12) The following Faculty members of MGIT have presented papers during the month of December, 2017:

SI. No.	Name & Designation of the Faculty	Dept.	Papers presented	
1.	Mr. N.Vijayarami Reddy, Assistant Professor	MCT	Published a journal on "Smart Wall Painting system" in International Journal of Recent and Innovation Trends in Computing and Communication (IJRITCC) vol-5, issue 12, ISSN: 2321-8169 in December, 2017.	
2.	Mr. N.Vijayarami Reddy, Assistant Professor	MCT	Published a journal on "Design and Fabrication of Remote Operated Robot with Bomb Detection Using MEMS Technology" in November, 2017.	
3,	Mr.Y.Naveen Kumar, Assistant Professor	Civil	Presented paper titled "Effect of Molarity on Compressive Strength Properties of Geopolymer Concrete with Fly Ash and GGBS" in International Conference (ICISE-2017) during 29 th to 31 st December 2017 organised by Osmania University, Hyderabad	

4.	Ms.M.Padmaja, Assistant Professor	Civil	Oral presented paper titled "Sustainable Water and Environmental Management-2017" during 21 st to 23 rd December 2017 at JNTUH, Hyderabad
5.	Published the following reset 1. Knowledge Managemer Engineering Research ar 800X, Volume 13, Issue 2. Steganography-A Powe IJFRCSCE, Volume 3, Is 3. "Internet of Things in Transactions (2018 acce 4. A Hybrid of Improved I Leader and Load Ba Environment, IJFRCSCE 16. 5. Secure Data Access In the International Confere Communications System 2018. 6. Implementation of Neur Health Care System, Int ISSN: 2319 – 6734, IS October/December 2017 7. A technique for identifyin P-ISSN 2348-795X, Vol (6)	nt in GIS for Logistics, International Journal of and Development, e-ISSN: 2278-067X, p-ISSN: 2278-11, pp.10-14, Nov-Dece17. Figure 11, 2017, ISSN 2454-4248, IF: 20293. Integration with cloud computing "IEEE Explore pted). Bulls and Weighted Round Robin to optimize the alancing in Cloud and Distributed Computing in Janu-2018, Vol.4, Issue.1, ISSN: 2454-4248, pp.09-1. Cloud With Multi-User Encrypted Sql Operations are con Advances in Big Data, Computing and Data are (icABCD) IEEE South Africa Section on 6-7 August al Network and Mobile Adhoc Sensor Network in the international Journal of Engineering Science Invention SSN (Print): 2319 – 6726 Volume 6 Issue 10	
6.	Mr.K.Rajeev Gandhi, Assistant Professor	ECE	Presented paper titled "Secured Home Automation Using Internet of Things" in 33 rd National Convention of Electronics and Telecommunication Engineers and National Seminar on "Recent Advances in IOT" on 29.11.2017
7.	Ms.T.R.Vijaya Lakshmi, Assistant Professor	ECE	Presented paper titled "Performance of Time-varying Particle Swarm Optimizer to Predict Cancer" in International Conference on Cognitive Informatics and Soft Computing (ICCISC-2017) during 20 th and 21 st December 2017 organised by Vignana Bharathi Institute of Technology, Hyderabad
8.	Dr.K.Ramanjaneyulu, Associate Professor & HoD	MMT	Presented paper titled "Dynamic Materials Modeling Based Selection of Optional Process Parameters In Friction Stir Welding of AA 7075 Aluminium Alloy" in "International Congress of the International Institute of Welding and Weld india-2017" during 7 th to 09 th December 2017 at International Institute of Welding, Chennai
9.	Mr.P.V.S.L. Narayana, Assistant Professor	MMT	Presented paper title "Influence of Beam Power and Traverse Speed in Fiber Laser Welding of Dual Phase Steel (590) on depth of weld zone penetration,

			Microstructure and Hardness" in the International Conference on "Advances in Materials and Processing: Challenges and Opportunities (AMPCO-17) during 30.11.2017 to 02.12.2017 held at Indian Institute of Technology, Roorkee
10.	Mr.P,V.S.L. Narayana, Assistant Professor	MMT	Presented paper title "Study of Weld Geometry, Microstructure and Hardness of Fiber laser welded Dual Phase Steel" in the International Conference-2017 during 7 th to 09 th December 2017 at Indian Institute of Welding, Chennai
11.	Mr.RVSM.Ramakrishna, Assistant Professor	MMT	Presented paper title "Optimization of stir speed of Friction stir welding on advanced automative steels (bainitic steel) through thermography profiling" in the International Conference on "Advances in Materials & Processing: Challenges and Opportunities (AMPCO-17) during 30.11.2017 to 02.12.2017 held at Indian Institute of Technology, Roorkee
12.	Mr.A.Rama Chandra Reddy, Assistant Professor	EEE	Presented a paper titled "Estimation of Switching Surge Flashover Rate for a 1200KV UHVAC Transmission" in the International Conference on Power Systems 2017 (ICPS 2017) organized by College of Engineering, Pune from 21 st to 23 rd December, 2017.

13)The following Faculty members of MGIT have attended / undertaken tasks during the months of December, 2017:

SI. No.	Name & Designation of the Faculty	Dept.	Attended seminars/workshops	
1.	Mr.PVS.Lakshminarayana, Assistant Professor	MMT	Participated in oral session as a delegate in the International Conference on	
2.	Mr.RVSM.Ramakrishna, Assistant Professor	MMT	Advances in Materials & Processing: Challenges & Opportunities (AMPCO'17) held from 30 th November to 2 nd December 2017 organised by IIT, Roorkee	
3.	Dr.M.Rama Bai, Professor	CSE	Chaired as Jury Member for the International Conference on "Advancements and Innovations in Engineering, Technology & Management (ICAIETM2017) held on 28 th & 29 th December 2017 organised by Joginpally B.R. Engineering College, Hyderabad	
4.	Dr.Ch.Raja, Associate Professor	ECE	Chaired as Jury Member for the International Conference on Advancements and Innovations in Engineering, Technology & Management (ICAIETM2017) on 28 th and 29 th December 2017 organised by Joginapally B.R. Engineering College (JBREC), Hyderabad	

5.	Dr.P.Nagasekhara Reddy, Associate Professor	EEE	Chaired as Jury Member for the International Conference on "Advancements and Innovations in Engineering, Technology & Management (ICAIETM2017) held on 28 th December 2017 organised by Joginpally B.R. Engineering College, Hyderabad
6.	Dr.P.Venkata Ramana, Professor	MCT	Attended International Congress-2017 organised by The International Institute of Welding during 7 th to 09 th December 2017 at Chennai
7.	Ms.P.Mounitha, Assistant Professor	CSE	Attended Faculty Development Programme (FDP) on "Cyber Security"
8.	Ms.N.Sravanthi, Assistant Professor	CSE	during 19 th to 24 th December 2017 organised by National Institute of Technology, Warangal
9.	Ms.C.Sudha, Assistant Professor	CSE	Attended Faculty Development Programme (FDP) on "Recent Trends in
10.	Ms.P.Mounitha, Assistant Professor	CSE	Data Science" during 11 th to 16 th December 2017 organised by Vasavi College of Engineering, Hyderabad
11.	Mr.Humera Shadan, Assistant Professor	CSE	
12.	Ms.J.Vahiniprasanthi, Assistant Professor	CSE	
13.	Mr.M.Ayyavaraiah, Assistant Professor	IT	
14.	Ms.J.Vahiniprasanthi, Assistant Professor	CSE	Attended two day FDP workshop in IIT, Hyderabad on 9 th and 10 th December 2017
15.	Dr.K.V.Ramana Reddy, Professor	Civil	Attended workshop on "Seismic Design and Detailing of R.C. Buildings" on 9.12.2017 organised by JNTUH, Hyderabad
16.	Mr.K.Raghu, Assistant Professor ECE Attended five days MHRD, GIAN cours on "Opportunities, Challenges an Research Trends in Wireless Senso Networks" held from 11 th to 15 th December 2017 organised by Osmania University Hyderabad		
17.	The following faculty members attended AICTE sponsored two weeks Faculty Development Programme (FDP) on "Research Trends in Digital Image & Video Processing" during 4 th to 16 th December 2017 organised by Department of Electronics and Communication Engineering MGIT, Hyderabad: 1) Mr.R.Srinivas, Assistant Professor, CSE 2) Mr.B.Prasanthi, Assistant Professor, CSE 3) Ms.S.Vijaya Lakshmi, Assistant Professor, CSE 4) Ms.G.Naga Sujini, Assistant Professor, CSE 5) Ms.N.Musrat Sultana, Assistant Professor, CSE 6) Ms.K.Rajitha, Assistant Professor, CSE 7) Mr.P.Shyam Sunder, Assistant Professor, CSE 8) Mr.G.Nagi Reddy, Assistant Professor, CSE 9) Mr.Shaik Irfan Babu, Assistant Professor, CSE 10) Mr.A.Ratna Raju, Assistant Professor, CSE 11) Ms.P.Poornima, Assistant Professor, CSE 12) Ms.D.Deepika, Assistant Professor, CSE		

18.	Development Programme Development of Mechatronics 2017 organised by Department Hyderabad: 1) Mr.B.Govinda Reddy, Ass 2) Mr.P.V.Prasad Reddy, Ass 3) Dr.R.Uday Kumar, Associa 4) Dr.Ch.Kesava Reddy, Ass 5) Ms.K.C.Sabitha, Assistant 6) Ms.B.Haritha Reddy, Assis 7) Ms.M.Pratyusha, Assistant 8) Mr.D.Kameswara Rao, As 9) Mr.G.Sreenivasulu Reddy 10) Ms.K.Sirisha, Assistant Pr 11) Mr.J.Pavan Kumar, Assist 12) Ms.K.Sri Harika, Assistant 13) Mr.K.Sarupya Santhosh, And 14) Mr.N.Vijayarami Reddy, As 15) Mr.K.Prudhvi Raj, Assistant 16) Ms.C.Sucharitha, Assistant 17) Mrs.P.Lakshmi Supriya, And 18) Ms.S.Swetha, Assistant Pr	a, Assist Profess Assistant Profess Attenders	ant Professor, CSE , CSE sor, IT or, IT ssor, IT ECE ofessor, ECE ofessor, ECE ofessor, ECE ofessor, ECE essor, ECE essor, ECE essor, ECE ofessor,
19.	Mr.RVSM.Ramakrishna, Assistant Professor	MMT	Participated in the International Congress 2017/Young Professional International Conference of the International Institute of Welding held at Chennai Trade Centre, Chennai during 07 th to 09 th December 2017
20.	Mr.Shaik Irfan Babu, Assistant Professor	CSE	Attended two day SSP on introduction to Machine Learning under the National Mission Education through ICT (MHRD,

			Govt. of India) Project "T10KT", IIT, Kharagpur on 16 th and 17 th December 2017 at RVR&JC, Guntur, AP	
21.	Ms.J.Sree Devi, Assistant Professor	CSE	Attended four weeks "48 th Orientation Course" held from 20.11.2017 to 18.12.2017 organised by UGC-Human Resource Development Centre, JNTUH, Hyderabad	
22.	Ms.U.Chaitanya, Assistant Professor	ΙΤ	Attended three day Faculty Development Programme (FDP) on "Cloud Application Development Using Bluemix" held from 20.12.2017 to 22.12.2017 organised by TASK at Ashoka Raghupathi Chambers, Begumpet, Secunderabad	
23.	Dr.S.Raji Reddy, Professor	M&H	Attended 62 nd Congress of ISTAM (An International Conference) held from 15 th to 18 th December 2017 organised by Indian Institute of Technology, Kharagpur and Osmania University, Hyderabad	
24.	Dr.S.Raji Reddy, Professor	M&H	Participated in a FDP at CVR College as well as ISTAM2017 and in the international conference on Relevance Mathematical tools to IOT applications at Shah-Alam-Khan's P.G.Center & Engg. College, Hyderabad on 20.12.2017	
25.	Dr.E.Krishna Chaitanya, Assistant Professor	M&H	Attended two day workshop on "Innovative Trends in English Language Teaching"	
26.	Dr.V.Aparna Reddy, Assistant Professor	M&H	during 11 th and 12 th December 2017 organised by Aurora's Technological and Research Institute, Hyderabad	
27.	Ms.Shraddha, Assistant Professor	Civil	Attended one day workshop on "Seismic Design and Detailing of Reinforced	
28.	Ms.N.Aruna, Assistant Professor	Civil	Concrete Buildings (SDDRCB-2017) on 9.12.2017 at JNTUH, Hyderabad	
29.	Ms.D.Kiranmaye, Assistant Professor	Civil	Attended Five day workshop on "Effective Teaching and Learning of Geotechnical Engineering using field practices and case studies" during 6 th to 10 December 2017 at NIT, Warangal	
30.	Mr.G.Gopal, Assistant Professor	EEE	Attended Two weeks Faculty Development Programme (FDP) on "Applications of Power Electronics in Renewable Energy Systems (APERES) from 20 th November to 4 th December 2017 organised by CVR College of Engineering, Hyderabad	
31.	Mr.Ch.Vinay Kumar, Assistant Professor	EEE	Attended one week Faculty Development Programme on "Aspects of Pneumatics Hydraulics and Robotics" from 14 th to 20 th December 2017 at JNTUH, Hyderabad in association with Rexroth Bosch, Bangalore	

14) Campus Placements held for the Academic Year 2017-18 as on 31st December, 2017:

SI, No.	Details	No. of candidates selected
	Placements during the Academic Year 2017-18 1.12.2017	109

Yours faithfully,

PRINCIPAL

C.c. by e-mail to:

- 1. The Vice Chancellor, JNT University Hyderabad, Kukatpally, Hyderabad
- 2. The Commissioner of Tech. Education, Government of Telangana, Beside Board of Intermediate Education, Vidya Bhavan, II Floor, Nampally, Hyderabad.
- 3. The Regional Officer, SCRO, AICTE, 1st Floor, Old BICARD Building, JNTU, Masab Tank, Hyderabad –500076.
- 4. The Member Secretary, AICTE, 7th Floor, Chandralok Complex, Janpath, New Delhi 110 001
- 5. The Member Secretary, National Board of Accreditation, 4th Floor, NBCC Place, East Tower, Bisham Pitamah Marg, Pragathi Vihar, New Delhi 110 003.
- 6. The Chairman, CBES for kind information
- 7. The Secretary & Correspondent for kind information
- 8. The Adviser, CBES for kind information
- 9. The Administrative Officer, CBES for information and record.