

Dr. S. P. Singh

Professor & Head



Education Qualifications: Doctor of Philosophy
Specialization: Radar Signal Processing

ADDRESS:

- C – Block -Room No 203

JNTUH ID: 97150331-154428

EMAIL:
hodece@mgit.ac.in

DATE OF JOINING:
01-08-2002

SUMMARY:

EXPERIENCE - 39 Years

- Teaching - 27
- Research - 06
- Industry -12
- Journals papers- 51
- Conferences papers - 69
- Patents – 1
- Books – 2
- Editors- 2 Springer Proceedings
- Honors/Awards - 03
- NPTEL Course Completed: 03
- Coursera Courses completed: 09

EVENTS:

- Organized -44
- Attended - 154

LET'S MEET ON SOCIAL:

Membership of Professional Bodies:

1. **IEEE** (Institute of Electrical and Electronics Engineers), USA (Senior Member: 92743102).
2. **Life Fellow** of Institute of Electronics & Telecommunication **Engineers, New Delhi, India (F155563)**.
3. **Life Member** of Indian Society of Technical Education, India (LM-35534).
4. **Life Fellow** of Institute of Engineers, India (F-114793-1).

Responsibilities Held At Institution Level

1. Member, Governing Body (2011 -2020)
2. Head, Examination and Academic section at MGIT for two consecutive years from 2010-12.
3. Convener, anti-ragging committee at MGIT for 10 years.
4. Professor In-charge of Library, Involved in purchasing and other development work of MGIT library since 2007.
5. Faculty in-charge of students IEEE and IETE Chapters
6. Member of college Academic council

Responsibilities Held At Department Level

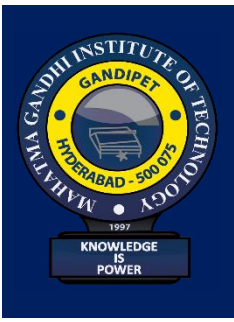
1. Head, ECE Department MGIT since, March 2012.
2. Head of ECE Department event scheduling committee.
3. Head of ECE Department Academic council.
4. Head of ECE Departmental NBA and NAAC committee.
5. Chairman , BoS-ECE Dept. (2021- till date)

Publications:

Journals: Fifty One (51) Papers

International Journals:

- [1] Singh. S.P, and K. Subba Rao., “Polyphase sequences with good correlation properties” International Journal of Systemics, Cybernetics and Informatics pp. 26-30, April, 2007.
- [2] Singh. S.P, and K. Subba Rao., “Discrete Frequency Coded Radar signal Design” IET Journal of signal processing U.K., Vol 3, issue 1, Print ISSN 1751-9675, Online ISSN 1751-9683, pp 7-16, 2009.
- [3] Singh. S.P, and K. Subba Rao., “Eight -phase Sequence Sets Design for Radar” WSEAS Journal, Greece, ISSN: 1790-5022, pp-95-105, Issue 3, Vol -5, March 2009.
- [4] S.P singh, and SS Rao “Binary Sequences Design Using MGA” International Journal of Computational Intelligence Research, ISSN 0973-1873 Volume 6, Number 4 (2010), pp. 531–540
- [5] S. Praveena, S. P. Singh and I. V. Murali Krishna” Adaptive Region Segmentation In Satellite Images For Urban And Non Urban Region Detection” International J. of Engg. Research &



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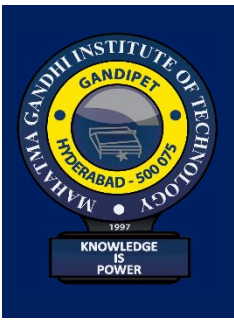
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LET'S MEET ON SOCIAL:

- Indu. Appls. (IJERIA),ISSN 0974-1518, Vol.4, No. IV (November 2011), pp. 149-164
- [6] E.N.V. Purna Chandra Rao, S.P Singh “One Twenty Phase Code design for Radar” International Journal of Advanced Computer Research (ISSN (print):2249-7277, ISSN(online):2277-7970) Volume-3, Number -4, Issue-13,December-2013, pp- 232-238.
- [7] S Praveena and Dr S P Singh “Hybrid Clustering Algorithm and feed-Forward Neural Network for satellite Image Classification” International Journal of Engineering Science Invention ISSN(online):2319-6734, (Print):2319-672, Vol-3, Issue1, January 2014, pp 39-47.
- [8] S Praveena and Dr S P Singh “Approach for the segmentation of satellite images using K-means,KFCM, moving KFCM and Naïve Bays Classifier ” International Journal of computer applications vol 65(20), March 2013, pp21-26
- [9] T D Bhatt and Dr S P Singh “High Resolution Adaptive Waveform” International Journal of Advance Electronics and Radar.” Vol -2, Issue 1, pp 21-31, July, 2014..
- [10] R Ivenya, S.P Singh and T D Bhatt “Polyphase codes Sidelobes Suppression” IJECE Vol 2, Issue 4, ISSN: 2393-9028 (PRINT) | ISSN: 2348-2281 (ONLINE) , Oct-Dec-2014,pp 47-50.
- [11] Ch Kameshwer Rao, Mr A K Singh and Dr S.P Singh “Implementation of BLI DF Algorithm” SSRG International Journal of Electronics and Communication Engineering (SSRG-IJECE) – volume1 issue 8, ISSN: 2348 – 8549, Oct 2014, pp 29-35.
- [12] Prathyusha Ravada and , S.P Singh “VHDL Implementation of Modified Genetic Algorithm” International Journal of Scientific Engineering and Technology Research (IJSETR), ISSN 2319-8885 Vol.04,Issue.41, October-2015, pp:9026-9028.
- [13] Monika and , S.P Singh “Target Detection Using Cross Ambiguity Function” International Research Journal of Engineering and Technology (IRJET), e-ISSN: 2395 -0056, p-ISSN: 2395-0072,Volume: 02 Issue: 06 Sep-2015, pp1-5.
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- [17] V N Lakshmana kumar, Dr.M.Satyanarayana, Dr S P Singh, “Optimization of half wave dipole array for generation of ultra-low side lobes” International Journal of Engineering Science and Technology (IJEST)ISSN : 0975-5462, Vol. 9 No.08 Aug 2017, pp 853-59
- [18] E.N.V. Purna Chandra Rao, Dr S.P Singh and T D bhatt, “Three Sixty Phase Code Design with Good Discrimination Factor”



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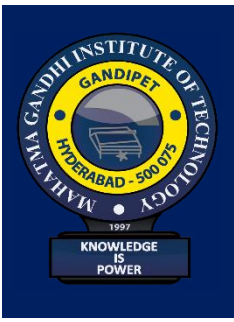
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International Journal of Electronics, Electrical and Computational System (IJEECS), ISSN 2348-117X , Volume 6, Issue 9, September 2017, pp 331-334.

- [19] V N Lakshmana kumar, Dr.M.Satyanarayana, Dr S P Singh, “Study of Optimization Techniques in Generation of Low Side Lobe Patterns” *IOSR Journal of Electronics and Communication Engineering (IOSR-JECE)* e-ISSN: 2278-2834,p- ISSN: 2278-8735.Volume 12, Issue 4, Ver. II (Jul.-Aug. 2017), PP 61-68.
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- [21] V N Lakshmana kumar, Dr.M.Satyanarayana, Dr S P Singh “A Novel Techinque for Sidelobe and Back Lobe Reduction in Rectangular Microstrip Antenna Array Using Defected Ground Structures” *International Journal of Applied Engineering Research* ISSN 0973-4562 Volume 13, Number 22 (2018) pp. 15961-15966
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- [27] E.N.V. Purna Chandra Rao and Dr S.P Singh, “Side Lobes Reduction Technique For Binary Codes” *International Journal of Advanced Science and Technology*, Vol. 29, No.4, (2020), pp. 7992 – 8001
- [28] S Praveena and Dr S P Singh “Sparse –FCM and Deep convolution Neural Network for the segmentation and classification of acute Lymphoblastic Leukaemia” *International journal of Biometric Engineering* , Vol 65, Issue -6, Published online: July 24, 2020 DOI: [10.1515/bmt-2018-0213](https://doi.org/10.1515/bmt-2018-0213), Page range: 759-773
- [29] B. Jaya Bharathi and Dr S P Singh “ VHDL Implementation of Modified Genetic Algorithm for Four” *GIS Science Journal*, ISSN no : 1869-9391, volume 8, issue 3, March 2021, DOI:20.18001.GSJ.2021.V8I3.21.36857, page no: 1785-1792



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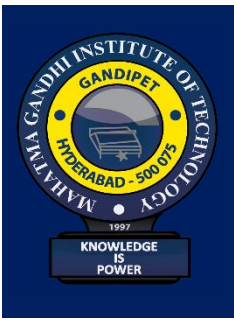
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- [30] S Praveena and Dr S P Singh “FACE RECOGNITION: A DETAILED SURVEY OVER DATABASES AND RECOGNITION METHODS” AEGAEUM JOURNAL, ISSN: 0776-3808, Volume 9, Issue 5, May 2021, PP No:73-79
- [31] S.P Singh, T D Bhatt “Sidelobes Reduction Technique for Biphasic Barker Codes” International Journal of Engineering Trends and Technology Volume 69 Issue 6, 239-242, June, 2021 ISSN: 2231 – 5381 /doi:10.14445/22315381/IJETT-V69I6P234
- [32] Dr S Praveena, Dr S.P Singh, Divya A Sagar, B.Lokesh Classification of Leukemia Images using Transfer Learning Approach, International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), e-ISSN: 2319-8753, p-ISSN: 2320-6710, Volume 10, Issue 6, June 2021, DOI:10.15680/IJIRSET.2021.1006412, PP 1-7
- [33] A.Bala Raju SP Singh and Dhiraj Sunehra Implementation of Artificial intelligence based Speech Recognition using DLCNN classification with joint MFCC and LPC features, ISSN-1671-4512 Journal of Huazhong University of Science and Technology, Vol 50 Issue -6, pp 1-13.
- [34] Praveena, S., Singh, S. P., & Kumar, B. S. (2022). Machine learning mechanism for segmentation, progressive assessment and prediction of brain tumor growth. International Journal of Health Sciences, 6(S2), International Journal of Health Sciences ISSN 2550-6978 E-ISSN 2550-696X © 2022 pp 7696–7709. <https://doi.org/10.53730/ijhs.v6nS2.6908>
- [35] Dr S P Singh “Ninety-Six Phase Code Design with Good correlation properties” *wjert*, 2022, Vol. 8, Issue 6, 144-1512022, Vol. 8, Issue 6, ISSN 2454-695X, pp 144-151.
- [36] S P Singh “Two Forty Phase Coded signal design with good Discrimination factors.” *Wseas Journals*, E-ISSN: 2732-9976, Volume 2, 2022, PP 94-99, July 2022, [https://wseas.com/journals/equations/2022/a30equations-015\(2022\).pdf](https://wseas.com/journals/equations/2022/a30equations-015(2022).pdf).
- [37] Singh, S. P., Praveena, S., & Kumar, B. S. (2022). Kidney Stone Detection from CT scan Using CNN, 6(S2), International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET) | e-ISSN: 2319-8753, p-ISSN: 2320-6710| www.ijirset.com | Impact Factor: 8.118| |Volume 11, Issue 6, June 2022|| | DOI:10.15680/IJIRSET.2022.1106274, pp 8723-35
- [38] M Monica & S P Singh “ Single Bit Fault identification ALU” INTERNATIONAL JOURNAL OF ANALYTICAL AND EXPERIMENTAL MODAL ANALYSIS (IJAEMA), Volume XV, Issue 02, February 2023, ISSN NO: 0886-9367, Impact Factor (2023): 5.6, pp 830-839

National journals:

- [39] Singh. S.P, and K. Subba Rao., “Polyphase radar signal design using Modified simulated Annealing Algorithm” IETE Journal of Research, Vol-53, No. 2, ISSN: 0377-2063, pp 173-182, March-April, 2007.
- [40] Singh. S.P, and K. Subba Rao., “Binary Sequences Design in press Journal of Technology and Engineering Sciences(JTES) Delving:, Vol 1, No. 1 January –June 2009, ISSN:0975-5829, pp 20-25



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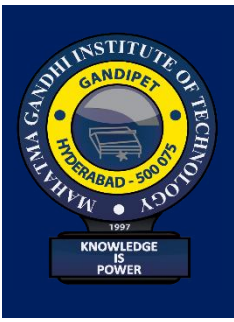
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- [41] Singh. S.P, and K. Subba Rao., “Thirty-Two phase sequences with good Autocorrelation properties” *S adhan a* Vol. 35, Part 1, ISSN: 0256-2499, February 2010, pp.63-73. © Indian Academy of Sciences India.
- [42] Singh. S.P, and K. Subba Rao., “Sixteen Phase Sequences Designed using MSA” *IE Journal of CSE*, Vol 91, ISSN: 2250-2106, May 2010, pp 29-34, India.
- [43] Singh. S.P, and K. Subba Rao, “Discrete Frequency Codes Design With Good Correlation Properties”, *Journal of Technology and Engineering Sciences (JTES) Delving*:, Vol -1, No-2, ISSN:0975-5829, pp 64-69, Jul-Dec 2009.
- [44] Singh. S.P, and K. Subba Rao., “Sixty-phase Sequences Design with Good Autocorrelation Properties”, *IETE JOURNAL OF RESEARCH | Vol 57 | ISSUE 3 |*, May-jun 2011, ISSN: 0377-2063, pp -250-256
- [45] R K Singh, Dr S P Singh, Dr Elizabeth “Binary Codes Design with Good Merit Factor” accepted in *Journal, JRRT-2011*, ISSN 2250 – 3943 (Print)., Feb 2012.
- [46] S. Praveena, S. P. Singh and I. V. Murali Krishna” An approach for the segmentation of satellite images using moving KFCM and Naïve Bays Classifier” *Journal on Electronics Engineering*, Vol. 3 l No. 2 l December 2012 - February 2013, pp 7-15.
- [47] V N Lakshmana kumar, Dr.M.Satyanarayana, Dr S P Singh “Design of 8 element micro strip patch array with hybrid power divider for side lobe” *Journal of Advance Research in Dynamical & Control Systems*, Vol. 10, 04-Special Issue, 2018, 10 April 2018, ISSN 1943-023X, pp 765-773.
- [48] P Shawarn Kumar S.P Singh “Design of Phase Coded Sequences for MIMO Radar Systems”, *Current Trends in Signal Processing*, ISSN 2277–6176, Vol 12 issue :3, pp 22-35, April 15, 2023, DOI: <https://doi.org/10.37591/ctsp.v12i3.6954>.
- [49] Dr S P Singh “ Orthogonal Thirty-Two Phase Sequence Sets Design” *Current Trends in Signal Processing , STM Journal*, ISSN: 2277-6176 (Online) ,ISSN: 2321-4252 (Print) , Volume 12, Issue 2, 2022 ,DOI (Journal): 10.37591/CTSP, pp 33-39.
- [50] A Balaraju, S. P. Singh & Dhiraj Sunehra “The Design and Analysis of the Sidelobe Reduction Filter for Polyphase Frank Codes, published in *IETE Journal of Research*, DOI: [10.1080/03772063.2023.2185307](https://doi.org/10.1080/03772063.2023.2185307), 8 March 2023.
- [51] Sohanpal Singh and E. N. V. Purna Chandra Rao “Sidelobe Reduction Techniques for P4 Polyphase, *IE Journal of IE(I), B Series*,<https://doi.org/10.1007/s40031-023-00914-y> ,(doi: 10.1007/ s40031-023-00914-y), 31 August 2023.

Conferences: Sixty Nine (69) Papers

International Conferences:

- [1] S.P.Singh, T,D,Bhatt, M.V.Nageswara Rao “A direct digital frequency synthesizer using an IIR resonator ” *Proceedings of International Conference, ICSCI-2004, Hyderabad, A,P, 12-15 February, 2004.*
- [2] M.V. Nageswara Rao, S.P.Singh and T.D.Bhatt “extraction of linear and curvilinear segments from satellite images” ”



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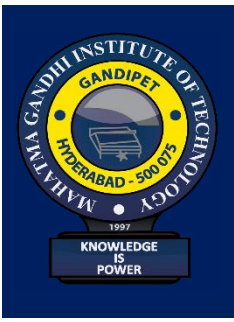
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- [3] S.P Singh., and K Subba Rao., “Orthogonal Polyphase Sequence Sets Design for Radar Systems”, Proc of 7th International Radar Symposium Poland, 24-26 May 2006.
 - [4] S.P Singh., and T. D Bhatt., “Moving Target detection Using real time signal processing on DSP Processor” Proc of International conference on Systemics, Cybernetics and Informatics, Vol.1, pp. 5-8, February 2004.
 - [5] S.P Singh., and K Subba Rao., “Composite study on Ambiguity Function of Radar signals” Proc of International conference on Systemics, Cybernetics and Informatics, Vol.1, pp. 563-567, 06-09 January, 2005.
 - [6] S.P Singh., and K Subba Rao., “Pulse Train of Multicarrier Complimentary Phase coded signal for favourable autocorrelation and ambiguity function” Proc of International conference on Systemics, Cybernetics and Informatics, Vol.1, pp. 853-857, 06-09 January, 2005.
 - [7] S.P Singh., and K Subba Rao., “A Modified Simulated Annealing algorithm for Binary coded Radar signal Design”, Proc of International Radar Symposium India- 2005, Bangalore, pp 693-697, 19-22 Dec 2005.
 - [8] S.P Singh., and K Subba Rao., “Poly Phase code design for Multiple Radar systems” Proc of International conference on Systemics, Cybernetics and Informatics, Vol.1, pp. 182-187, 04-08 January, 2006.
 - [9] S.P Singh., and K Subba Rao., “Modified simulated Annealing Algorithm for Poly Phase Code Design” Proc of IEEE ISIE -06, Canada, pp 2966-2971, 22-24 July, 2006.
 - [10] S.P Singh., and K Subba Rao., “Polyphase Coded signal Design for Netted Radar Systems ” Proc of CIE International Conference on Radar, Sanghai , China, October 16-19, 2006,
 - [11] S.P Singh., and K Subba Rao., “A Modified simulated Annealing Algorithm for Coded signal Design” Proc of ANNIE 2006, St Louis, USA, pp 81-86, November 5-8, 2006.
 - [12] Singh. S.P, and K. Subba Rao., “Polyphase Coded sequence sets Design” Proc of IEEE -ICSIP 2006, Hubli, India pp 891-896, December 7-9, 2006.
 - [13] Singh. S.P, and K. Subba Rao., “Modified Simulated Annealing Algorithm for Binary Coded signal sets Design”, accepted in IEEE International Conference, TECON-06, Hong - kong
 - [14] Singh S.P, and K. Subba Rao, “Discrete Frequency Coded sequence sets Design for Radar”, International conference on Systemics, Cybernetics and Informatics, Hyderabad India pp 849-853, 3-7 January , 2007.
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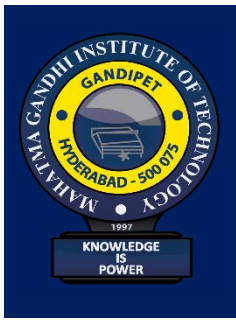
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- [18] Dr S.P Singh., N. Balaji and Dr K Subba Rao., “Binary Sequences Design with Good Merit Factor Using MSAA” Proc of International conference on Systemics, Cybernetics and Informatics, pp 138-142, 02-05 January, 2008.
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- [25] S.P Singh, S A Muzeer and K. Subba Rao., “Orthogonal Eight -phase Sequence Sets Design using MSAA”, WSEAS Conferences, Spain, pp 236-240, September 23-25, 2008.
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- [28] S.Praveena and Dr.S.P.Singh “Performance of Various filters for Salt and Pepper Noise and Speckle Noise” International Conference on Machine Intelligence application to Power, Signal Processing , Communication and Control(MIPSCCON)-2011, PP-SP136-SP139, 7-9 April 2011.
- [29] R K Singh, Dr S P Singh, Dr Elizabeth “Binary Codes Design with Good Merit Factor” accepted in IEEE conference, ICACCT-2011.
- [30] E.N.V. Purna Chandra Rao, Dr S.P Singh and Dr T D Bhatt “Orthogonal Sixty -phase Sequence Sets Design using HA” International Conference, Vol-1/2, 15-17 Feb, ICSCI-2012, pp-367-370, Hyderabad
- [31] S. Babu Rao, Dr S.P Singh and Dr T D Bhatt “Sixty- Four phase Code Design with good Ambiguity Function” International Conference ICCSA-2012, pp-114-117 Hyderabad
- [32] R K Singh, Dr S P Singh, Dr Elizabeth “Binary Codes Design with Good Merit Factor” Proceeding of International conference on Innovation in Electronics and Communication Engineering (ICIECE-2012), pp 109, 20-21 July 2012.
- [33] Dr S.P Singh, Dr T D Bhatt, and Sushant choudhery “Ninety Phase Code Design with Good Merit Factor final ” International



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DATE OF JOINING:

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SUMMARY:

EXPERIENCE - 39 Years

- Teaching - 27
- Research - 06
- Industry -12
- Journals papers- 51
- Conferences papers - 69
- Patents – 1
- Books – 2
- Editors- 2 Springer Proceedings
- Honors/Awards - 03
- NPTEL Course Completed: 03
- Coursera Courses completed: 09

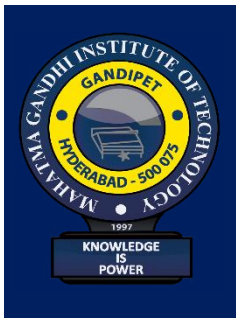
EVENTS:

- Organized -44
- Attended - 154

LET'S MEET ON SOCIAL:

Microwave Symposium ISM-2012, 12-14 December 2012, Bangalore.

- [34] Dr S.P Singh, S. Babu Rao, E.N.V. Purna Chandra Rao and Sushant choudhery “Forty-Eight Phase Code design with good Merit Factor” IEEE International Conference ICCIC-2012, pp-320-323 , 18-20 December 2012 , Coimbatore, India
- [35] Sushant choudhery, Dr S.P Singh, Dr T D Bhatt, “Ninety Phase Code Design with Good Discrimination Factor ” Symposium on Recent Advances in Telecommunication Technology” Tele TECH - 13 , 11-12 Febuary 2013, Chennai.
- [36] S.P Singh, E.N.V. Purna Chandra Rao, Babu Rao, Dr T D Bhatt, “Ninety Six Phase Code Design with Good Discrimination Factor ” 29th Convention of Electronics & Telecommunication Engineers, October 29-30, 2013, Hyderabad, pp 232-238
- [37] S.P Singh, E.N.V. Purna Chandra Rao, S. Babu Rao, and T D Bhatt “One Twenty Phase Code design with good Discrimination Factor” International Radar Symposium India-13 (IRSI-13), 11-14 December 2013 , Bangalore, India, pp 38-41.
- [38] S Praveena and Dr S P Singh “Segmentation and Classification of satellite Images” International Conference on Emerging Trends in Instrumentation, Communication, Electrical & Electronics (ICE-ICEE) 23-25 January 2014, pp 27, Indore.
- [39] S.P Singh, E.N.V. Purna Chandra Rao, and T D Bhatt “Orthogonal Forty Eight Phase Sequences design using MGA” Proceeding of International Conference on Innovations in Electronics and Communication Engineering(ICIECE-14), Hyderabad, India-14, pp 48
- [40] S.P Singh and K Subba Rao “One Twenty Eight Phase Sequences Design Using MGA ”accepted in GEM'14 - International Conference on Genetic and Evolutionary Methods, July 21-24, 2014, USA.
- [41] S Praveena and Dr S P Singh “Hybrid clusteing algorithm and Neural Networkclassifier for satellite image classification” International Conference on Industrial Instrumentation and Control (ICIC) 2015, College of Engineering Pune, India. May 28-30, 2015, pp 1379-1383.
- [42] E.N.V. Purna Chandra Rao, Dr S.P Singh, and Dr T D Bhatt “Orthogonal Sixty Four Phase Sequences design using MGA” Proceeding of International Conference on Innovations in Electronics and Communication Engineering(ICIECE-15), Hyderabad, India-15, pp305-308.
- [43] E.N.V. Purna Chandra Rao, Dr S.P Singh, and Dr T D Bhatt “Binary Codes Sidelobes Reduction Techniques” ” accepted in International Radar Symposium India-15 (IRSI-15) , 16-17, December 2015 , Bangalore, India.
- [44] E.N.V. Purna Chandra Rao and Dr S.P Singh, “One Eighty Phase Code Design with Good Discrimination Factor ” Proceeding of International Conference on Innovations in Electronics and Communication Engineering(ICIECE-16), 8-9 July 2016 , Hyderabad, India, pp 11
- [45] S Praveena and Dr S P Singh “clustering and Classification of Images Using ABC-KFCM and Neural Network classifier” International Conference on Communication, Signal Processing, Computing and information Technology(ICCSPCIT-16) 2016,



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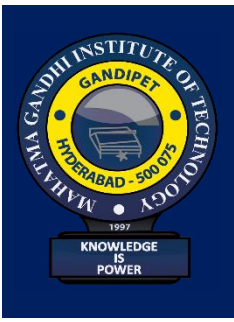
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- Attended - 154

LET'S MEET ON SOCIAL:

- Mall Reddy College of Engineering Hyderabad , ISBN 978-93-83038 48 9, Dec16-17, 2016, pp44-48
- [46]S Praveena and Dr S P Singh “Classification of Satellite Images” Proceedings Of ISERD-IRF International Conference, 25 December 2016, Pune , India, ISBN: 978-93-86291-76-9
- [47]Dr S.P Singh and P Usha, “Orthogonal Ninety Six Phase sequences Design for MIMO Radar ” Proceeding of 7th IEEE International Conference on Advance Computing Conference (IACC-17), ISBN-978-93-5267-908-9, 5-7 January 2017, Hyderabad, India, pp 12.
- [48]E.N.V. Purna Chandra Rao, Dr S.P Singh and T D bhatt, “Three Sixty Phase Code Design with Good Discrimination Factor” 4th International Conference on New Frontiers of Engineering, Science, Management and Humanities (ICNFESMH-2017), (IETE, Hyderabad) @ Institution of Electronics and Telecommunication Engineers, O. U Campus, Hyderabad - 500 007, ISBN 978-81-934288-3-2, 3 SEPTMBER 2017, PP 1275-78.
- [49]Rajeev Gandhi and Dr S.P Singh “Secured Home Automation Using Internet of Things” Proceeding of 33rd Convention of Electronics and telecommunication engineering, IE(I), November 29-30, 2017, pp 44-49.
- [50]E.N.V. Purna Chandra Rao and Dr S.P Singh, “One Eighty Phase Code Design with Good Merit Factor ” Proceeding of ICATT 2018, PP166-169, 21-22 December 2018, Hyderabad.
- [51] E.N.V. Purna Chandra Rao and Dr S.P Singh “Orthogonal One Twenty Phase Sequence Sets Design Using MGA”, Proceedings of the International Conference on Advances in Electronics and Communication Engineering (ICAECE-2019) ISBN: 978-93-5382-058-9, pp 23, 9-10 July 2019.
- [52]E.N.V. Purna Chandra Rao and Dr S.P Singh, “TARGET DETECTION USING AMBIGUITY FUNCTION ” Proceeding of 2nd International Conference on Advances in Computing and Communication Technologies ICACCT- 16th-17th Dec 2019, Hyderabad
- [53]T D Bhatt ,S.P Singh, “Non-coherent Pulse Compression Waveforms” 3rd International Conference on Signal Processing and Communication (ICPSC) | 13 – 14 May 2021 | Coimbatore PP-508-512
- [54] E.N.V. Purna Chandra Rao and Dr S.P Singh, “Sidelobes Reduction Technique for Binary MPS Codes submitted International Conference CMRIT
- [55]E.N.V. Purna Chandra Rao and Dr S.P Singh Orthogonal Thirty Two Phase Sequence Sets Design Using MGA “ ICPAST 22, 21-22 May 2022, IFERP, CMRCET, Hyderabad
- [56]P Shawarn Kumar S.P Singh, T D Bhatt Sequence Set Design for Radar System, accepted in ICASPACE 2021, LNEE vol 929,29-31 July 2021, at MGIT Hyderabad, pp 129-142, DOI: 10.1007/978-981-19-5550-1_13.
- [57]E.N.V. Purna Chandra Rao and Dr S.P Singh PHASE CODED SEQUENCES DESIGN FOR PULSE COMPRESSION RADAR “ accepted in International Conference CMRIT
- [58]A Balraju, S P Singh, and Dhiraj Sunehra “Two Forty Phase Coded signal design with good correlation properties.” Accepted in ICASPACE-2023 held on 28th & 29th April 2023.



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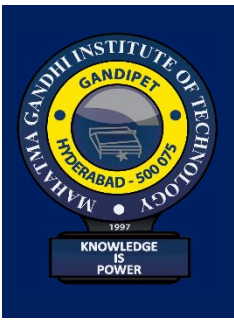
[59] S P SINGH¹ , D V S NAGENDRA KUMAR and ANUPAM SHARMA, “Signal Design For High Range Resolution Radar” Accepted in ICASPACE-2023 held on 28th & 29th April 2023.

National Conferences:

- [60] S.P.Singh and T. D. Bhatt, “Radar signal processing for detection of target embedded in clutter”, IETE Convention, Vishakapatnam, 20 to 21 September 2003.
- [61] S.P.Singh and T. D. Bhatt, “Radar signal identification using real-time signal processing on DSP-TMS 320 C5X”, IETE Convention, Vishakapatnam, 20 to 21 September 2003.
- [62] Singh. S.P, and K. Subba Rao., “Six -phase sequences with good correlation properties”, Proc of ATC IETE 07, Hyderabad, India , 27-29 September 2007.
- [63] Singh. S.P, and K. Subba Rao., “Orthogonal Eight -Phase Sequence Sets Design”, GNSS-2007, Hyderabad, pp 89-93, 25-26 October 2007.
- [64] S.P singh, K. Subba Rao., and SS Rao “Orthogonal Sixteen-phase Sequence Sets Design for Radar”, presented in national Conference NCASP-09, 39-43 December 2009, AU,Visakapatnam.
- [65] P.Usha Rani and Dr.S.P.Singh, “Review of Performances of various coded Sequence Set for MIMO Radar”, 1st National Conference on Recent Advancements in Electronics (NCRAE-16), 22 – 23 January – 2016.
- [66] M.Viswaja, Deepti Agrawal, Dr A K Singh, and Dr S P Singh, Modelling and simulation of Radar architecture in simulink , SIGNAL PROCESSING, EMBEDDED AND COMMUNICATION SYSTEMS(ASPECS-2016), 11-12 August 2016.
- [67] Dr S.P Singh Dr T D Bhatt and P Usha, “Thirty Six Phase Code Design” , SIGNAL PROCESSING, EMBEDDED AND COMMUNICATION SYSTEMS(ASPECS-2016), 11-12 August 2016.
- [68] Kallepalli Bapayya and Dr S P Singh “5G Enabled Services for Health Application using IoT” 37th National Convention of Electronics and Telecommunication Engineers, Hyderabad, on 18-19 November 2022.
- [69] A Balraju, S P Singh, and Dhiraj Sunehra “Two Forty Phase Coded signal design” presented in Two Day All India Seminar on “Emerging Signal Processing Application” held on 24th & 25th February 2023, organized by The Telangana State Centre of the Institution of Engineers (India), pp 87-93.

Patents: 01

1. Patent file on DESIGN OF SPLIT RING RESONATOR SUPERSTRATE FOR SIDELobe SUPPRESSION OF MICROSTRIP ARRAY ANTENNA, Application No.202041046456 A, date, The Patent Office Journal No. 45/2020 Dated 06/11/2020pp 56340



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EVENTS:

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LET'S MEET ON SOCIAL:

Book: 02

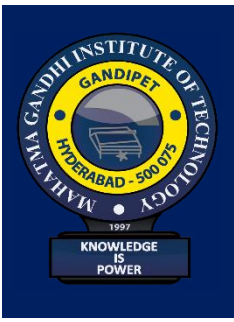
1. Book published: Dr. V. N. Lakshmana Kumar, Dr. M. Satyanarayana, Dr. S. P. Singh **Chapter 16: Mutual Coupling Reduction and Filtering Using Defected Ground Structure** Technical Research Publications, ISBN: 978-93-5419-211-1 (Online)
1. A Novel Compact Frequency and Polarization Reconfigurable Slot Antenna Using PIN Diodes for Cognitive Radio Applications Dr. V. N. Lakshmana Kumar, Dr. M. Satyanarayana, Dr. S. P. Singh Springer, Cham Print ISBN978-3-030-76635-1 Published on 03 February 2022 (one chapter in book name: Smart Antennas)

Editors of books: 02

1. Lecture Note in Electrical Engineering 929 select Proceeding of International Conference ICASPACE 2021, ISBN 978-981-19-5549-5, Springer
2. Lecture Note in Electrical Engineering select Proceeding of Springer International Conference ICASPACE 2023, ISBN Springer

Research & Consultancy:

1. Recognized guide by OU and JNTU for guiding PhD scholars.
2. Successfully guided four (4) Ph.D Scholars.
3. Two (2) Scholars are perusing PhD at JNTUH.
4. Published **120 research papers** in Journals/ Conferences(National & International)
5. Facilitated 15 (Fifteen) M.Tech students to complete projects effectively.
6. Productively guided 60(Sixty) B.Tech projects.
7. Completed AICTE MODROBS project OF WORTH Rs 11 LAKHS
8. Successfully Completed AICTE Research project (RPS) on MIMO Radar of worth Rs 5.56 lakh.
9. Successfully Completed Consultancy Project on “Research Trends in Digital Image and Video Processing of worth Rs 5.546 lakh.
10. Successfully Completed AICTE sponsored FDP on “Temperature detection using IR Camera” of worth Rs 4.5 lakh.
1. Member of Preliminary Design Review Committee of project SAMOOHA, DLRL. started in 2023
11. Member of PMRC for DLRL Project ‘HIMRAJ’ 2017
12. Technical expert member Improvement of RLG performance using wavelet and S-Transform, RCI project at CBIT, Hyderabad
13. Member, Technical expert of DLRL Project on Design of LPI Algorithm executed at Department of ECE , OU.
14. Member of Peer Review Committee of project ROHSINI, DLRL project Next Generation Integrated EW System
15. Member of Indigenized team who Indigenized valve-based circuits of Schilka Radar (Under the indigenization programme)



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- NPTEL Course Completed: 03
- Coursera Courses completed: 09

EVENTS:

- Organized -44
- Attended - 154

LET'S MEET ON SOCIAL:

16. Effectively made several modifications to reduce error rate in the radar systems.
17. Developed new test equipment to substitute the old servo technical test system of Anti- aircraft gun, L-70.
18. Developed electronic sweeping Desulphater circuit to enhance the life of Lead acid battery.
19. Developed Synchro - based training model.
20. Member of several Technical Committees of National/International Conferences.
21. Intelligent traffic light technology, R & D Project of IE(I).

Online Certifications Completed

NPTEL/MOOCs course completed : 03

1. Completed NPTEL course on Python of Data Science in Jan-April-23.
2. Completed NPTEL course on Deep Learning in Jan-April-23.
3. Completed NPTEL course on Introduction to Internet of Things (IOT) in Jul-Oct 2022

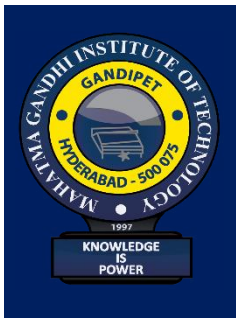
Coursera Courses Completed:09

1. Completed Coursera course on Programming for Everybody (Getting Started with Python) on 20 April 2020.
2. Completed Coursera course on Python Data Structures on 25 April 2020
3. Completed Coursera course on Using Python to Access Web Data on 13 May 2020
4. Completed Coursera course on Capstone: Retrieving, Processing, and Visualizing Data with Python on 20 May 2020
5. Completed Coursera course on Python for Everybody on 22 May 2020
6. Completed Coursera course on Using Databases with Python on 22 May 2020
7. Completed Coursera course on Introduction to Electronics on 04 June 2020
8. Completed Coursera course on Introduction to Data Science in Python In month of 02 July 2020
9. Completed Coursera course on Applied Machine Learning in Python on 01 August 2020

Events Organized

International Conferences: 2(two)

1. Organized Springer sponsored International Conference ICASPACE 2021 from 29-31 July 2021
2. Organized Springer sponsored International Conference ICASPACE 2021 from 27-28 April 2023



FDPS/STTPS organized

S. No	Name of the Event	Duration
1	Student Technical Fest MICROCOSM 2023	26 April, 2023
2	Student Technical Fest MICROCOSM 2022	30 June 2022
3	Student Technical Fest MICROCOSM 2020	13-14 March 2020
4	Student Technical Fest MICROCOSM 2019	26-27 Feb 2019
5	Student Technical Fest MICROCOSM 2018	March 2018
6	Student Technical Fest MICROCOSM 2017	10-11 April 2017
7	Student Technical Fest MICROCOSM 2016	16 March 2016
8	Student Technical Fest MICROCOSM 2015	13-14 March 2015
9	MOBILE MAKING WORKSHOP	24-25 Feb 2015
10	Student Technical Fest MICROCOSM 2014	13-14 March 2014
11	Student Technical Fest MICROCOSM 2013	8-9 March 2013
12	Technical Quiz "Brain Strain 12"	26 March 2012
13	Student Technical Fest MICROCOSM 2012	1-2 March 2012
14	Student Technical Fest MICROCOSM 2011	17-18 March 2011
15	Student Technical Fest MICROCOSM 2010	6-7 April 2010
16	Student Technical Fest MICROCOSM 2009	Feb 2009
17	In house training programme on MW, DC, DICA and BS Lab	25-30 June 2018
18	RECENT TRENDS IN WIRELESS COMMUNICATIONS	20 -22 October 2022
19	International Conference on Advances in signal processing and communication engineering	27-28 April 2023
20	One Week FDP on Smart Tools and Methodologies for Academic Research	01-05 August 2022
21	International Conference on Advances in signal processing and communication engineering	29-31 July 2022
22	One Week Online FDP on Recent Trends in Internet of Things (IoT)	06-10 June 2022
23	Two-Day Faculty Development Programme on Contemporary Research Methodology	07- 08 Sept 2021
24	Two days STTP on Emerging Technologies in Electronics and Communication..	18-19 September 2021
25	Recent Trends in IoT Using Embedded Systems (AICTE Sponsored FDP)	1-13 Feb 2021 (Two Weeks) Phase - 2
26	Recent Trends in IoT Using Embedded Systems (AICTE Sponsored FDP)	07-19 Dec 2020 (Two Weeks) Phase - 1
27	Research Avenues in Machine Learning Approaches for Pattern Recognition (AICTE Sponsored STTP)	02-07 Nov 2020 (One Week) Phase - 3
28	Research Avenues in Machine Learning	21-26 Sept 2020

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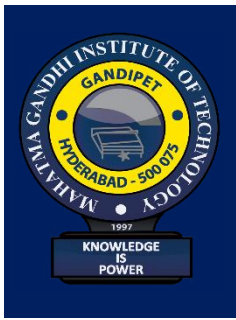
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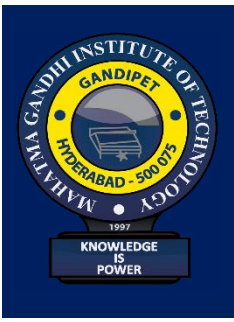
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LET'S MEET ON SOCIAL:

	Approaches for Pattern Recognition (AICTE Sponsored STTP)	(One Week) Phase - 2
29	Research Avenues in Machine Learning Approaches for Pattern Recognition (AICTE Sponsored STTP)	24-29 Aug 2020 (One Week) Phase - 1
30	One week FDP on “Future Nano Electronic Devices and Circuits”	6 -10 July, 2020
31	One week FDP on “DATA COMMUNICATIONS, NETWORK SIMULATION & MODELING USING NS2”	27- 31 July, 2020
32	One-Week online FDP on “Recent Advances in Embedded Systems”	7-11 August 2020
33	Organized one day webinar on Clock Domain crossing Technique and clock gating design (VLSI) in association with Pantech salutations	14 June 2020
34	One Week Online Faculty Development Program on FUTURE NANO ELECTRONIC DEVICES & CIRCUITS	6-10 July, 2020
35	One Week Online Faculty Development Program on “Recent Advances in Embedded Systems	7-11 August 2020.
36	Two days FDP on Effective Technical Report Writing Using LaTeX”, organized by Dept. of ECE, MGIT in association with Swecha.	8 – 9 June 2020
37	Training programme on MW, BS and DC Lab	25-30 June 2018(1 Week)
38	Research Trends in Digital Image and Video Processing (AICTE Sponsored)	4-16 December 2017(2 Weeks)
39	RF Antenna Design (Organized by E&ICT Academy Warangal &MGIT)	19-24 June 2017 (One Week)
40	Workshop on IOT Using Raspberry PI	28-31 March 2017
41	Training programme on DSP, EC, PDC & MPMC Lab	21-26 Nov 2016 (One Week)
42	PCB Workshop	14-15 Oct 2016
43	Recent Trends on Digital Image and Video Processing	22-27 Feb 2016 (One Week)
44	Webinar on Deep Learning Using Matlab in association with Pantech E Learning and Mahatma Gandhi Institute of Technology Dept. of ECE,	Two days 24 -25 th September 2021 at 2-3 PM

Guest Lecture Delivered

- 1 Delivered an Advances in Radar Signal Processing in, Two Day All India Seminar on “Emerging Signal Processing Application” at Telangana IEI Centre, Hyderabad, February 24th - 25th, 2023, Hyderabad.
- 2 Delivered an Expert Lecture in one week Online FDP on Recent Trends in IOT, during 06-10 June 2022 at MGIT, Hyderabad



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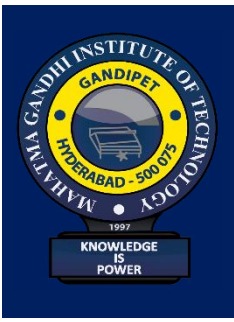
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- 3 Delivered a Lecture on Online Induction/Refresher Programme on Opportunity, Challenges and Research Trends in WC (Wireless Communication) during April 23-29, 2021 (Phase-2)
- 4 Delivered a Lecture on Online AICTE-FDP Programme on Recent Trends in IoT Using Embedded Systems during Feb 1-13, 2021 at MGIT, Hyderabad
- 5 Delivered a Lecture on Online AICTE-FDP Programme on Recent Trends in IoT Using Embedded Systems from 7th to 19th December 2020. at MGIT, Hyderabad
- 6 Delivered a Lecture on Online AICTE-ISTE Induction/Refresher Programme on Opportunity, Challenges and Research Trends in Wireless Communication (WC) during May 24-29, 2021 at GNI, Hyderabad
- 7 Delivered a Lecture on “ Signal & Systems ” at CMRCET, 07 March, 2020
- 8 Delivered a Lecture on “ Digital Communication ” in one week faculty developme program at CMRCET, 14 March, 2019
- 9 Delivered a Lecture on “Microprocessor and Applications ” in Induction programs for young engineers at Midhani on 08 January, 2018
- 10 Delivered a Lecture on “ Advances in Wireless Communications and applications ” in one week faculty development program at CMRCET, 14 December, 2017
- 11 Delivered a Lecture on “ Advances in Digital Communications and applications” in one week faculty development program at CMREC, 24, May 2017
- 12 Delivered a Lecture on “Radar Signal Detection in Noise and Radar Cross Section” for Faculty Development Program RSP-16, organized by NERTU, Osmania University on 27 July 2016.
- 13 Delivered Expert lecture on Advances in control System at Aroua College of Engg September, 2016
- 14 Delivered Expert lecture on Advances in ADSP and applications in FDP at Anurag College of Engg , May, 2017
- 15 Delivered Expert lecture on Multi Rate Signal Processing and applications at at Anurag College of Engg , December, 2016.
- 16 Delivered Expert lecture on Advances in control System and applications at in two week AICTE Funded FDP at MCT department , MGIT, May, 2015
- 17 Delivered Guest/ invite lecture on Current and future trends in Radar systems at Mall Reddy institute of Technology, Hyderabad on 03 Aug 2013,
- 18 Delivered Expert lecture on microprocessors and microcontrollers and Applications at Midhani in Induction program for young engineers at Midhani on 06 Jun 2013
- 19 Delivered Guest/ invite lecture on Current and future trends in Radar systems at One day seminar at K G Reddy College of Engineering and Technology, Hyderabad , on 3 April 2013

**Refresher Courses/ Workshops/ Webinars/ Seminars
Conferences Attended**

1. Attend one day workshop on NIRF Ranking “Meltranking 2020” , May 23, 2018



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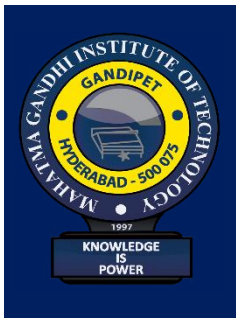
- Organized -44
- Attended - 154

LET'S MEET ON SOCIAL:

2. Attend one workshop on Matlab and Simulink 2018” , Hotel Navotel , April 24, 2018
3. Attended One day seminar on Matlab and Simulink 2017
4. Attended one day workshop on Mentor PCB System Form on 09 June 2017
5. Attended One week in house training on “PLC, Embedded and E-CAD design” during 23/11/2015 to 28/11/2015.
6. Attended One week in house training on “C& DS Programming” during 16/11/2015 to 21/11/2015.
7. Attended One-day National Workshop on “Gender Sensitization” on 21.12.2015.
8. Seminar on Matlab and simulink for engineering education 26 July 2013, Hyderabad.
9. Attended Elsevier library connect seminar on 21 Nov 2013 at Hyderabad.
10. One day workshop on Outcome based NBA 26 Oct 2013 at JNTU Hyderabad.
11. Attended two days World Summit On Accreditation (WOSA-14) at New Delhi
12. Attended International conference on Radar system IRSI-13, Bangalore, December- 2013
13. Attended 29th Convention of Electronics & Telecommunication Engineers, October 29- 30, 2013.
14. Attended Symposium on recent advances in telecommunications technology, “Tele Tech 13. February 11th and 12th , 2013 SRM Chennai.
15. Attended Seminar on Matlab and simulink for engineering education 31 august 2012 Hyderabad.

FDPS/STTPS Attended

1. Completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Internet of Things" from 07-05-2020 to 11-05-2020 at NIT JAMSHEDPUR.
2. Completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Artificial Intelligence" from 25-05-2020 to 29-05-2020 at Dr Harisingh Gour University Sagar (MP).
3. Completed successfully Online AICTE Faculty Development Programme on Applications of IoT from 16/06/2020 to 20/06/2020 (One Week) Organized by Computer Science and Engineering Department NITTTR, Chandigarh
4. Completed successfully VLSI Physical Design Techniques from 15/06/2020 to 19/06/2020 (One Week) Organized by Electronics and Communication Engineering Department NITTTR, Chandigarh
5. Completed ATAL STTP on Internet of Things (IoT)" from 2020-11-23 to 2020-11-27 at Indian Institute of Information Technology Tiruchirappalli.
6. Completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Internet of Things (IoT)" from 2021-2-8 to 2021-2-12 at University of Hyderabad
7. Completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Role of Augmented Reality (AR) & Virtual Reality (VR) in Real – Time Applications" from



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DATE OF JOINING:

01-08-2002

SUMMARY:

EXPERIENCE - 39 Years

- Teaching - 27
- Research - 06
- Industry -12
- Journals papers- 51
- Conferences papers - 69
- Patents – 1
- Books – 2
- Editors- 2 Springer Proceedings
- Honors/Awards - 03
- NPTEL Course Completed: 03
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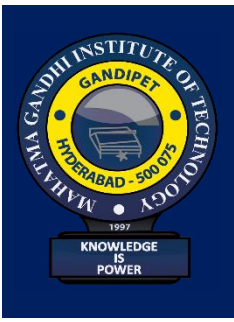
2021-06-07 to 2021-06-11 at Karunya Institute of Technology and Sciences.

8. Attended ATAL FDP on “ Data Analytics using Python/ R programming, 23-27 Aug 2021 NIT Puducherry
9. Attended ATAL FDP on “ AI in Electronic Design Automation”, 09-13 Aug 2021 organized by GITAM

**Refresher Courses/ Workshops/ Webinars/
Seminars/Guest Lecture**

Attended Webinar information

- 1 Attended IEEE webinar on “WEBINAR ON VIRTUAL INTERNSHIP” on 4 April 2020
- 2 Attended IEEE webinar on “ IOT” on 5 April 2020
- 3 Attended IEEE webinar on “A WEBINAR ON "DIGITAL PEDAGOGY FOR SYNCHRONOUS AND ASYNCHRONOUS LEARNING IN HIGHER EDUCATION’ on 6 April 2020
- 4 Attended IEEE webinar on “Need of the hour- wake up and Find solutions (Save People and Save Country), Host: IEEE Hyderabad ,Sunday, April 12, 2020
- 5 Attended IEEE webinar on “FREE WEBINAR ON "IEEE STANDARDS IMPACT ON FUTURE CONNECTIVITY TECHNOLOGIES" 13 APRIL 2020
- 6 Attended “leadership Series Talk”, leadership talk is organized with Padma Bhushan Dr. V K Saraswat, Member NITI Aayog, on 13th April, 2020
- 7 Attended/listen the talk of Prof. D P Singh, Chairman, UGC sharing the initiatives taken during the national lockdown arising out of the COVID-19 outbreak. On video link <http://youtu.be/ad9H3G7Q4SY>,
- 8 Attended Webinar “How to be a good software developer , A brand new lecture series from NPTEL by experts! Today's on 15 April 2020 at 6 PM
- 9 Attended IEEE webinar on “A Webinar on "Teaching with Matlab in Modern Classroom" on 16th April 2020 in association with MathWorks and IEEE Education Society IEEE Hyderabad Section. on 16 April 2020 at 3-4 pm
- 10 Attended IEEE webinar on “Enhance Research Visibility to Improve Ranking on 16 April 2020 at 11 AM
- 11 Attended a “Webinar on Image Processing Techniques using Open CV Confirmation” on 16 April 2020, organized by Smart Bridge.
- 12 Attended IEEE webinar on ‘COVID Warrior Forum’ on 17 April 2020 organized by IEEE Hyderabad Section initiative in collaboration with IEEE India Council
- 13 Attended webinar on “NAAC Accreditation Management System Demo” organized by InPods Ed-tech on 17 april 4 pm to 5 pm



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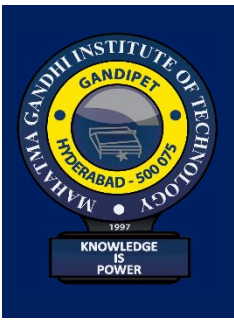
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LET'S MEET ON SOCIAL:

- 14 Attended webinar on “NPTEL Lecture series topic Time management” by Dr. Pratima Khandelwal, Global Academy of Technology, Bangalore and FlyHigh Bangalore, organized NPTEL Team on 17 april at 6 PM
- 15 Attended IEEE webinar “Digital Parenting” organized IEEE on 18 April at 10 AM
- 16 Attended IEEE webinar “An Overview of Artificial Satellite Technology: State of the Art and Current Trends” organized IEEE on 19 April at 5 PM
- 17 Attended webinar on “NPTEL Lecture series topic “Entrepreneurship - what you should know before you take the plunge” by, Mr. Sundararajan Krishnan (PK), Founder and CEO, BluArmor, organized NPTEL Team on 19 April at 6 PM
- 18 Attend IEEE webinar on “ Strategies for Effective Delivery of Online Engineering Courses” on 21 April 2020.
- 19 Attended a webinar on “A Roadmap To Cloud-Native Transformation organized by Bright Talk on 21 April 2020.
- 20 Attend IEEE webinar on 21 April Strategies for Effective Delivery of Online Engineering Courses on 21 April 2020
- 21 Attended webinar on “NPTEL Lecture series topic Towards Explainable AI” by Prof. Vineeth N Balasubramanian, prof, IIT Hyderabad, organized NPTEL Team on 22 April at 6 PM
- 22 Attend IEEE webinar on “Daily Challenges of 4G, 5G, and IOT, by Prof. Radhakrishna Ganti, professor IIT Madras, on 22 April 2020 at 630 pm
- 23 Attended IEEE webinar “ Try Engineering: Engineer spotlight ” organized IEEE on 24 April at 530 AM
- 24 Attended webinar on “NPTEL Lecture series topic “ Bharati script” Prof. Srinivas Chakravarthy, prof, IIT Madras, organized NPTEL Team on 24 April at 6 PM
- 25 Attended webinar on “NPTEL Lecture series topic “Civil service as a career” Ms. Yogitha, Controller of Defence Accounts, Southern Region, organized NPTEL Team on 25 April at 6 PM
- 26 Attended webinar on “NPTEL Lecture series topic “Rise of AI and Machines: How to start a career in the emerging post Covid Digital World? Mr. Ganesh Sankaralingam, Director, Latent View organized NPTEL Team on 25 April at 6 PM,
- 27 Attended IEEE webinar “ HOW TO WRITE A HIGH QUALITY TECHNICAL JOURNAL PAPER ” organized Webex.com on 24 April at 11 AM
- 28 Attend IEEE webinar IEEE panel discussion on work from home and its challenges, organized by Women Hyderabad Chapter, conducted by Dr Padama sai, on 25 April at 5 pm
- 29 Attended webinar “Fireside Chat with IEEE Hyderabad Young Professionals” on 26 April 2020, 5 PM
- 30 Attended webinar on “NPTEL Lecture series topic Technology Transforming Medicine



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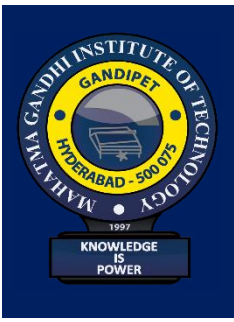
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- ” organized NPTEL Team by Dr. Kanagavel, on 26 April at 6 PM..
- 31 Attended webinar on “NPTEL Lecture series topic “Marine engineering” By Capt. Kripakaran, organized NPTEL Team on 27 April at 5 PM
 - 32 Attended a webinar on “Mentor Graphics low power verification with Questa. On 27 April 20 at 11-12 PM
 - 33 Attended webinar on “NPTEL Lecture series topic “What companies expect while hiring a candidate?” by Mr. Sajjad Ahmed, Director - HR,Talent Management Team, Capgemini organized NPTEL Team on 28 April at 6 PM
 - 34 Attended a MHRD,s innovation cell webinar on “National Innovation and Startup Policy for Students and Faculty- A Guiding Framework for HEIs for Implementation by ,Speaker Mr. Dipan Sahu | Innovation, Startup and IPR, , National Coordinator - NISP, IIC & ARIIA, MBA/PGDM in IEV Program, MHRD's Innovation Cell, AICTE on 28 april 20 at 4 pm
 - 35 MHRD,s innovation cell webinar on “Role and Importance of Pre-Incubators, Incubators and Accelerators in HEIs - Harnessing Innovation and Entrepreneurial Potential of Students and Faculties at Early Stage” by Mr. Muthu Singaram CEO, IIT Madras, Chennai,
 - 36 MHRD,s innovation cell webinar on “Hangout with Emerging Innovator & Entrepreneurs Supported through MIC & AICTE , IIC Calendar Activity Speaker Ms. Vandana Thakur | Mr. Amit Sanjay Lokhande | Entrepreneurship Development
 - 37 Attend IEEE webinar “Round table Virtual event “facing challenges brought on Covid -19” on 30 April 2020
 - 38 Attend webinar on Online Teaching - Learning and Online Assessment platform organized by Inpods India Private Limited on Apr 29, 2020 4:00 PM IST
 - 39 To attend webcast - Online Teaching-learning and Online assessment demo on Apr 30, 2020 11:00 AM IST organized by Inpods India Private Limited
 - 40 To attend Accreditation Management System Demo on Apr 30, 2020 4:00 PM IST , organized by Inpods India Private Limited
 - 41 To attend Faculty Development Program on Outcome-Based Education on May 1, 2020 11:00 AM IST, organized by Inpods India Private Limited
 - 42 To attend Free webinar on Identifying weaker students and remedial actions on May 2, 2020 11:00 AM IST , organized by Inpods India Private Limited
 - 43 Attended webinar on “NPTEL Lecture series topic “Privacy and Ethics in Software Industry” by Dr. Prasad Ramanathan and Mr.Shreyas Bhargave, Sr. Director and Director, Capgemini at 5 PM on 2 may 2020
 - 44 To attend IEEE webinar IEEE on “Humanitarian Activities: Experiences and Opportunities toward ICT4SDG”, organized by IEEE Hyderabad chapter chair Dr M Suresh, and Speaker: Dr. Supavadee Aramvith, Prof., Department of Electrical Engineering, Chulalongkorn University organized by Dr M Suresh on 4 May at 4 pm



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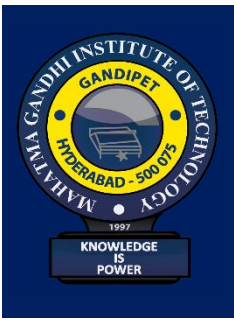
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EVENTS:

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- Attended - 154

LET'S MEET ON SOCIAL:

- 45 To attend Free webinar on The roadmap to bridge students AI skill gap. Confirmation on May 4, 2020 3:00 pm , organized by Deepak Garg HOD - Bennett University, Director – Leading India, Director - NVIDIA-BENNET Research center on AI @Bennett University .
- 46 Attended Codetantra Demo and Ramana , organied by MGIT and CBIT at 230 PM on 5 May 2020
- 47 Attended webinar on “NPTEL Lecture series topic “Civil services in India - as a career” by Mr. Madhukant Kumar and Area Officer, Tughlakabad at 6 PM on 5 May 2020
- 48 Webinar on topic “Invitation to join a webinar on "Research Workflows, Research Metrics and Excellence in Academic Institutes" organised by AICTE and Elsevier on 6 May 2020
- 49 To attend IEEE webinar IEEE on “YP WEBINAR SERIES: INDUSTRY PHASE SHIFT”, organized by IEEE Hyderabad chapter chair N Venkatesh - **Redpines Signals / Silicon Labs** on 9 May at 630 pm
- 50 To attend IEEE webinar IEEE on “Webinar on Design Thinking”, organized by IEEE Hyderabad chapter Host: Bala Peddigari - Hyderabad Section
Sunday, May 12, 2020 0930 AM , India Time (Mumbai, GMT+05:30) on 12 May at 4pm.
- 51 Attended webinar on “NPTEL Lecture series topic “attended webinar on “NPTEL Lecture series topic “Sharing Experiences as Civil Servant” by Mr. Pramod Shripad Phalnikar, Inspector General, HQ NSG, New Delhi, organized NPTEL Team, on 14 May at 6 PM
- 52 Attended webinar “What senior management of Tier II engineering colleges need to know of NBA Accreditation” by Inpods India Private Limited on May 15, 2020 11:00AM-1230pm IST
- 53 Attended webinar on “NPTEL Lecture series topic “Career options that leverage mathematical talent” by Prof. Rajeeva Karandikar, Director Chennai Mathematical Institute, organized NPTEL Team, on 15 May at 6 PM
- 54 Attended webinar on “NPTEL Lecture series topic “Design thinking rganized NPTEL Team, by Mr. Dilip Purohit, Director Capgemini, on 16 May at 6 PM
- 55 Attended on line webinar on “5G as an Enabler In Digital Transformation” Conducted on 18 May 2020(10.00 am to 11.30 am) by ICT Academy by L GaneshKumar, Consulting Partner / Digital Leader, Wipro Moderated by G Saravanan, DGM, ICT Academy
- 56 Attended on line webinar on Global Mega Trends, Technologies & Covid 19 Impacting Sectors, Conducted on 19 May 2020(10.00 am to 11.30 am) by ICT Academy lecture delivered by Senior Vice President, Frost & Sullivan, Moderated by G Saravanan, DGM, ICT Academy
- 57 Attended on line webinar on Building Skills in Robotic Process Automation, Conducted on 20 May 2020(10.00 am to 11.30 am) by ICT Academy, lecture delivered by Sundar Nagarathnam, Senior Vice President, Automation Any Where, Moderated by G Saravanan, DGM, ICT Academy



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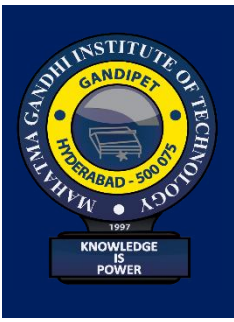
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- NPTEL Course Completed: 03
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EVENTS:

- Organized -44
- Attended - 154

LET'S MEET ON SOCIAL:

- 58 To attend IEEE webinar IEEE on “Designing 5G and mm-Wave Components Using the Syn Matrix AI Design Platform organized by Ansys on 20 May 2020 at 0830pm
- 59 To attend ATAL FDP inaugural function organize by AICTE on 25 May 2020 at 930 am
- 60 Attended on line Webinar of Skycampus Digital Knowledge Series - Season 7, Hosted by ICT Academy, Dr. B. Anbuthambi (Moderator), Dr. Anand Gurupatham, Chandrasekhar Chenniappan, Sharath Babu, on 25 May 2020 at 10.00 am
- 61 Attended on line Webinar of Skycampus Digital Knowledge Series - Season 7, Hosted by ICT Academy, Dr. B. Anbuthambi (Moderator), on 26 May 2020 at 10.00 am
- 62 Attended on line Webinar of Skycampus Digital Knowledge Series - Season 7, Hosted by ICT Academy, on 27 May 2020 at 10.00 am
- 63 Attended on line Webinar of Skycampus Digital Knowledge Series - Season 7, Hosted by ICT Academy, on 28 May 2020 at 10.00 am
attended on line Webinar of Skycampus Digital Knowledge Series - Season 7, Hosted by ICT Academy, on 29May 2020 at 10.00 am
- 64 Attended on line WEBINAR ON “SATELLITE TECHNOLOGY AND IT'S APPLICATIONS” by Mr. S. Purushothaman, Senior Scientist, ISRO, Dept. Of Space, Advisor, IET-Satellite systems and network, Joint Secretary, Antenna Test Measurement Society, Bangalore on 31 may 2020
- 65 Attended webinar on “NPTEL Lecture series “What is Computer Science Engineering?’ by Prof. V.Kamakoti, prof IIT Madras on 01 june 2020 , 6 pm
- 66 Attended a webinar on “The Impacts of Big Data in Cloud, Hybrid and Multi-Cloud Environments, Chris Santiago, Global Solution Engineering Manager, Unravel Dat organized by Bright Talk on 2 June 2020, 6 pm.
- 67 Attended a webinar on “Keep Connected Episode 3: Enabling and Securing the Remote Workplace, Tony Judd, Verizon’s UK MD, and Stephen Keenan, Executive Director, Client Services – EMEA, Verizon Business Group, organized by Bright Talk on 2 June 2020. on 3 June 2020, at 830 AM
- 68 Attended a webinar on “ Securing Healthcare Transformation: Cybersecurity Trends and Insights”, Dave Grady, Verizon Chief Security Evangelist and Ann MacKay, HIMSS Insights Practice Lead, organized by Bright Talk on 2 June 2020. on 3 June 2020, at 1130 PM
- 69 Attended a webinar on “Security in a 5G World” Alex Schlager, Verizon, Executive Director Product, Jun 04 2020 2:30 pm
- 70 Organized two days FDP on “Technical report writing using La-Tex” organized by ECE department, MGIT, from 08 June to 09 June 2020.
- 71 Attended webinar on “Online Teaching-learning and Online assessment demo Confirmation”organized by Inpods, Speaker: Ajay Bhagwat, Director of Inpods India, on 12 June 2020 at 11 am



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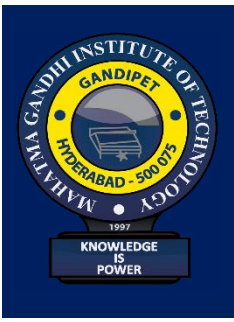
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EVENTS:

- Organized -44
- Attended - 154

LET'S MEET ON SOCIAL:

- 72 ATTENDED On line Guest Lecture on “Cloud Computing” Organized by Cognizant Campus team at 02:45 pm- 04:00 pm on 12 june 2020.
- 73 Attended webinar on “NAAC assessment Online assessment demo”organized by Inpods, Speaker: Ajay Bhagwat, Director of Inpods India, on 16 June 2020 at 11 am
- 74 Attended webinar on “NBA Co and Pos assessment Online demo”organized by Inpods, Speaker: Ajay Bhagwat, Director of Inpods India, on 17 June 2020 at 11 am
- 75 Attended webinar on “How to solve Complex Phased Array and Going beyond Radar Cross Section using ANSYS HFSS”organized by ANSYS, Speaker: India, on 18 June 2020 at 11.30 am
- 76 Attended webinar on “NAAC Accreditation management system demo”organized by Inpods, Speaker: Ajay Bhagwat, Director of Inpods India, on 18 June 2020 at 11 am
- 77 Attended webinar on, “Webinar on Wireless Communication using MATLAB” –organized by Pantech and MOTHER THERESA INST of TECHNOLOGY -25.06.2020 11:00-12:00
- 78 Attended webinar on, “Webinar on Applications of Satellite Imagery and Remote Sensing Data using MATLAB” - organized by Pantech and MEENAKSHI College of Engineering - 24.06.2020 11:00-12:00”
- 79 Attended webinar on “Webinar on ML Based Prediction Analysis of COVID Dataset GKMCET 22.06.2020 4:00 - 5:00” - organized by Pantech .
- 80 Attended webinar on “Introduction to VLSI Design - Free Online Workshop” organized by skyfi labs on 22 june 2020 at 6 pm
- 81 Attended webinar on “Introduction to Circuit Design - Free Online Workshop” organized by skyfi labs on 22 june 2020 at 6 pm
- 82 Attended webinar on, “International Level Webinar on "Nanosatellite Constellation: Space-based Internet of Things in New Space Era" - Organized By: Department of Electrical and Electronics Engineering, Rv College Coimbatore
- 83 Attended webinar on, “ Webinar on Multitarget human tracking over occluded environment organized by Pantech Learning and CMR TECHNICAL CAMPUS 25.06.2020 04:00 -05:00
- 84 Attended webinar on “Webinar on Machine Learning for Computer Vision Industrial Applications” - organized by Pantech learning and HINDUSTAN INSTITUTE 26.06.2020 4:00 - 5:00
- 85 Attended webinar on “Introduction to Blockchain- Free Online Workshop, Time: 6:00 PM (IST), 26 June. organized by Skyfi Labs
- 86 Attended webinar on, “Webinar on Artificial Intelligence” organized by Pantech learning and BIET 27.06.2020 11:00 - 12:00”
- 87 Attended webinar on “Webinar on Brain Controlled Robot in association with AISSMS IOIT, Pune, organized by Pantech learning -27.06.2020 4:00 - 5:00
- 88 Attended webinar on “Webinar on Webinar on Design of Intelligent Chatbots - ML Approach, organized by Pantech learning and Velammal 28.06.2020 11:00 -12:00



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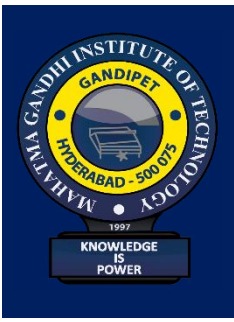
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- 89 Attended webinar on “Introduction to IoT” - Free Online Workshop on 30 June 2020, organized by Skyfi Labs
- 90 Attended webinar on “Introduction to Arduino” - Free Online Workshop, Time: 6:00 PM (IST), 3 July., organized by Skyfi Labs
- 91 Attended webinar on “Introduction to JAVA” - Free Online Workshop, Time: 6:00 PM (IST), 1 July, organized by Skyfi Labs.
- 92 Attended webinar on “Introduction to Ethical Hacking - Free Online Workshop, Time: 6:00 PM (IST), 4 July, organized by Skyfi Labs.
- 93 Attended webinar on “Electro-hydraulics with PLC” organized by Automation Studio™, Pune on 13 Jul 2020 at 11.00 am to 12 PM
- 94 Attended Webinar on - Faculty Development Program - OBE Software, 16 JULY 2020, 11 AM TO 1230 PM ORGANIZED BY vmedulife
- 95 Attended Webinar on “Wireless Communication Using Matlab - Mother Theresa Institute Of Engineering and technology & Pantech E Learning - 25.06.2020
- 96 Attended webinar on “Teachware for Hydraulics, Pneumatics,” organized by Automation Studio™, Pune on 15 Jul 2020 at 11.00 am to 12 PM
- 97 Attended webinar on “AC Circuit Simulation,” organized by Automation Studio™, Pune on 17 Jul 2020 at 11.00 am to 12 PM
- 98 Attended webinar on SELF RELIANCE AND NATIONAL SECURITY EMERGING IMPERATIVES” Date & Time: 22 July 2020 & 5.00 to 6.30 pm, Dr G Satheesh Reddy, Secretary, Department of Defence R & D; Chairman, DRDO and DG, Aeronautical Development Agency and Lt Gen Satish Dua, PVSM,UYSM,SM,VSM (Retd),Former Chief of Integrated Defence Staff
- 99 Attended webinar on "The Role of Electronic Engineering Fraternity in Carving a Super Techno Power India" Date: 26th July 2020, Time: 10:00AM by Shri.Narayan Namboodripad, Outstanding Scientist/ Deputy Director (AVN),VSSC, ISRO.
- 100 Attended Webinar on ‘Recent trends in power management strategies for optimal operation of distributed energy resources in Micro grids’ 28-07-2020 at 11:00 AM to 12:30 PM
- 101 Attended Webinar on "Energy Efficiency in Smart Buildings Through IoT Sensor Integration" / on 1-Aug-2020/ Saturday / From: 6.30 PM to 8.30 PM (IST), Prof.Saifur Rahman IEEE President-elect candidate 2020
- 102 Attended National Seminar on "Emotional Health & Spirituality" at 11 AM on YouTube Live on 01 august 2020, organized by Health & Spirituality.
- 103 Attended National Seminar on "Emotional Health & Spirituality" at 11 AM on YouTube Live on 01 august 2020, organized by Health & Spirituality.
- 104 Attended Webinar on "Energy Efficiency in Smart Buildings Through IoT Sensor Integration" / on 1-Aug-2020/ Saturday / From: 6.30 PM to 8.30 PM (IST), Prof.Saifur Rahman IEEE President-elect candidate 2020
- 105 Attended Online Webinar on AI-Exploring the next generation convergence By Mr.Gaurav Kumar Wankar Data Scientist , ScriptBees, Hyderabad during 8th August, 2020.

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- 106 Attended Online Webinar on Applied Industrial Machine Learning By Mr.S.Dileep Raju Senior Data Scientist, Dr.Reddy's Lab, Hyderabad during 9th- August, 2020.
- 107 Online Webinar in association with Pantech E Learning on Virtual and Augmented Reality during 13th August, 2020 at 11.00 AM to 12.00 Noon.
- 108 Attended Ansys for Academia - Innovation through Simulation, panelist Abhimanyu Singh, Senior Technology Specialist, Ansys, Friday, August 14, 2020 10:30 am
- 109 Attended Ansys for Academia - Innovation through Simulation, panelist Abhimanyu Singh, Senior Technology Specialist, Ansys, Friday, August 14, 2020 10:30 am
- 110 Attended one day Awareness Webinar on Outcome Based Education and Accreditation on 25-11-2020 Online organized by NBA new Delhi with JNTUH
- 111 Attended Webinar on Innovation and Enterprise Creation related to IIC activity on 19th November at 330pm organized by MSME, Hyderabad in association with CBIT, Hyd.
- 112 Webinar on "Electric Power Generation using Municipal Solid Waste in India---Opportunities and Challenges" 28-Nov-2020
- 113 16th Prof. K.K. Nair Memorial Lecture on " Marine Navigation and Communication: Past, Present and Emerging Trends in India" on 11/10/2020 by Dr. A. D Sharma-
- 114 Attend Two days international webinar EMPOWERING WOMEN: A PARADIGM SHIFT IN NEP 202
- 115 Attended Webinar cum Workshop on 360 Degree Feedback Registration Process for AICTE approved Institutes in the States of Telangana on 08/03/2021 at 3:00 PM

Honors/Awards

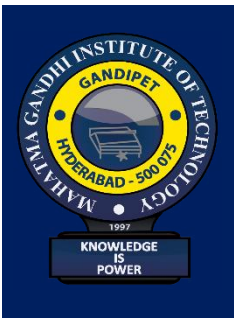
1. Received best technical instructor award.
2. Received twice cash award for indigenization work on the Radar 'Schilka'.
3. Received cash award for modification in radar 'SFM'.

Subjects Taught:

1. Radar Systems
2. Control Systems
3. Micro Processors and Interfacing
4. Microprocessors and Micro Controllers
5. Digital Communications
6. Analog and Digital Communications
7. Microwave Engineering
8. Digital Signal Processing

Any Other Contribution**Academic and Professional Experience:**

1. Received Master's and PhD degrees from Osmania University, Hyderabad.



ADDRESS:

- C – Block -Room No 203

JNTUH ID: 97150331-154428

EMAIL:

hodece@mgit.ac.in

DATE OF JOINING:

01-08-2002

SUMMARY:

EXPERIENCE - 39 Years

- Teaching - 27
- Research - 06
- Industry -12
- Journals papers- 51
- Conferences papers - 69
- Patents – 1
- Books – 2
- Editors- 2 Springer Proceedings
- Honors/Awards - 03
- NPTEL Course Completed: 03
- Coursera Courses completed: 09

EVENTS:

- Organized -44
- Attended - 154

LET'S MEET ON SOCIAL:

2. Scored 90 % marks in Master of Engineering and stood first in order of merit.
3. Worked for 18 years in the field of radar maintenance and current interests are in radar signal design and digital signal processing.
4. Reviewer of the following reputed IEEE Transaction, IET and other Journals :

- ✓ Technical Reviewer of following reputed Journals:
- ✓ IEEE Trans on Electronics devices.
- ✓ IET on signal processing, UK.
- ✓ Journal of IE (I), India.
- ✓ IEEE Trans on Electronic and aerospace

5. Member of several Technical Committees of National/International Conferences like:
 - a) Session chair of Thirty Three National Convention of Electronics and Telecommunication Engineers and National seminar on Recent Advances in IOT Organized by Institution of Engineers, Hyderabad.
 - b) ICRAAESCCT-18, Organized by BVRIT, Hyderabad
 - c) ICIECE-2016, ICIECE-2017 and ICIECE-2018, Organized by GNI, Hyderabad
 - d) NCRAE-2015, Organized by IFHE, Hyderabad
 - e) 7th IEEE, IACC-2017, Organized by VNRVJIT, Hyderabad
 - f) Co-chair of ICASPACE-2021 and ICASPACE-2023 Organized by MGIT, Hyderabad etc
 - g) Session chair of 9th international conference ICIECE-2021 at GNI, Hyderabad, 14 august 2021
 - h) Chief Guest in valedictory function of Online AICTE-ISTE Induction/Refresher Programme on Opportunity, Challenges and Research Trends in Wireless Communication (WC) during May 24-29, 2021 at GNI, Hyderabad
 - i) Chief Guest in valedictory function of Online Induction/Refresher Programme on Opportunity, Challenges and Research Trends in WC (Wireless Communication) during April 23-29, 2021 (Phase-2)
 - j) Technical Committee member of 37th National Convention of Electronics and Telecommunication Engineers, Hyderabad, on 18-19 November 2022.