

Dr. B.Prasanthi

Assistant Professor



Education Qualifications: Doctor of Philosophy (Computer Science)
Specialization: Image Processing

ADDRESS:

- D – Block - 106

JNTUH ID:

60150405-003701

EMAIL:

bprasanthi_cse@mgit.ac.in

DATE OF JOINING:

11-10-2004

EXPERIENCE - 19 Years

- Teaching -19

SUMMARY:

- Publications - 11
- Conferences - 11
- Patents – 3
- Books – 1

EVENTS:

- Organized - 23
- Attended - 11

Membership of Professional Bodies:

1. Life member of ISTE [LM91734]
2. IAENG [257835]

Responsibilities Held at Institution Level:

1. Alumni Coordinator (Convener)
2. Convener for Nirvana -20
3. Music Club In-Charge
4. Coordinator For 36 Hour Hackathon In Association With JNTUH-JHUB
5. Anti-Ragging Committee Member
6. Gender Sensitization Nodal Member
7. Mentor For Infosys Inspire Program
8. MGIT-JHUB member

Responsibilities Held at Department Level:

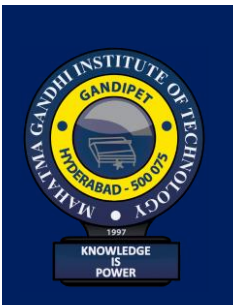
1. Co-Coordinator for NBA-SAR
2. Alumni coordinator
3. Mentoring (in-charge)
4. Project Coordinator
5. Class in-charge

Courses Handled at Under Graduate /Post Graduate Level:

- **UG:** Data Structures, Programming for Problem Solving, Java Programming, Operating Systems, Design and Analysis of Algorithms, Principles of Programming Languages, Advanced Unix Programming, C++
- **PG:** Information Retrieval Systems, ISMS

Publications:

1. B.Prasanthi, “Employees Performance Prediction “ in International Journal of Scientific Research in Science and Technology (IJSRST), Volume 8, Issue 3,pp: 493-497,2021 .
2. Birali Prasanthi “Spam Discovery Structure for Reviews in Online Social Media based on Social Media Reviews” in International Journal of Research, Volume VIII,Issue IV, April 2019.
3. Madaram Sai Sanjana , Birali Prasanthi ”Attaching Social Media Website with Online Shopping: Cold-Start Product Recommendation Making Use of Micro Blogging Info” in INTERNATIONAL JOURNAL OF RESEARCH IN ELECTRONICS AND COMPUTER ENGINEERING, VOL. 7 ISSUE 1, pp:249-254, 2019.
4. Manne Vamshi Krishna, Gopu Abhishek Reddy , B. Prasanthi , M. Sreevani “Green Virtual Mouse Using OpenCV “ in International Journal of Computer Sciences and Engineering (Open Access), Vol.-7, Issue-4,pp:575-580, April 2019.
5. Kothagattu Surya Teja, Kunam Siri Chandana, R. Srinivas, B. Prasanthi “

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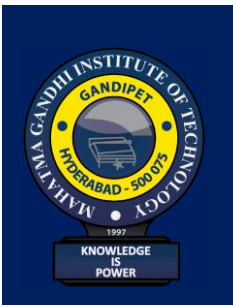
- Organized - 23
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Aadhar & Driving License Information Extraction System” in International Journal of Computer Sciences and Engineering (Open Access), Vol.-7, Issue-11, pp: 173-176,Nov 2019.

6. B.Prasanthi, Suresh Pabboju and D.Vasumathi “A Novel Indexing and Image Annotation Structure for Efficient Image Retrieval” Arabian Journal for Science and Engineering (AJSE), Volume 43, Issue 8, pp 4203–4213, 2018. (SCI Indexed).
7. B.Prasanthi, Suresh Pabboju, D.Vasumathi, “Query Adaptive Hash Based Image Retrieval In Intent Image Search “ in Journal of Theoretical and Applied Information Technology, Vol. 93, No.2, pp: 278-286, 2016. (SCOPUS indexed).
8. Birali Prasanthi,Bukya Ashok, “Wireless Security Embedded Navigator” in International Journal of Computer Trends and Technology, volume 24 ,June 2015.
9. B.Prasanthi,P.Abhilash,G.Raju , “ Crystals:Usage as Memory Devices” in International Journal of Research in Engineering and Technology ,volume 04,Special Issue 06 pp 37-41,2015.
10. B.Prasanthi, “ A Novel Design and Implementation of Delegated Access Control for Privacy in Clouds Outsourcing” in International Journal of Computer Trends and Technology, volume 15 number 1, 2014.
11. S.Nagesh,B.Prasanthi “ Design of an Edge based Network by the Control of Packet Loss” in International Journal of Reviews on Recent Electronics and Computer Science, volume 1,Issue-6,pp 1062-1065,2013.

Conferences:

1. B.Prasanthi, Rishitha Reddy, “Number Identification Using Hand Gestures”, in International Conference on Innovations in Computer Networks,Computational Intelligence and IoT, by Dept. of Computer Science and Engineering,St.Martin’s Engineering College,pp: 121-124, 25-26 June,2021.
2. B.Prasanthi, Siddharth Kolishetty, “ Canvas Art Generation using GANs”, , in International Conference on Innovations in Computer Networks,Computational Intelligence and IoT, by Dept. of Computer Science and Engineering,St.Martin’s Engineering College,pp:94 , 25-26 June,2021.
3. B.Prasanthi, Sravanthi Kunchala,” Timetable Generator”, , in International Conference on Innovations in Computer Networks,Computational Intelligence and IoT, by Dept. of Computer Science and Engineering,St.Martin’s Engineering College,pp: 125-127, 25-26 June,2021.
4. B.Prasanthi,Suresh Pabboju,D.Vasumathi, “ Feature Selection based Reduction in Dimensions and Indexing of Images for Efficient Image Retrieval”, in 2021 International Conference on Emerging Smart Computing and Informatics AISSMS Institute of Information Technology,Pune,pp: 1-4,5-7 March,2021.
5. B.Prasanthi,Suresh Pabboju,D.Vasumathi, “ Specific Query Semantic Signatures in Webpage Reranked Image Retrieval “, in 2016 IEEE International Conference on Computational Intelligence and Computing Research, by IEEE,pp: 975-982, 15-17 December,2016.
6. B.Prasanthi, Dr.P.Suresh,Dr.D.Vasumathi, “ Index Based Image Retrieval Analyzed Methodologies in CBIR”, at IRSCNS 2016: International Symposium on Computing and Network Sustainability [SPRINGER] and organized communally by Associated Chamber of Commerce and Industry of India, Computer Society of India Division IV and Global Research Foundation, pp:233-242, 1-2 July,2016.
7. B.Prasanthi,Suresh Pabboju,D.Vasumathi, “ Image Retrieval using Relevance Feedback-A Study” in 3rd National Conference on Emerging & Innovative

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Trends in Computer Science , by the Department of Computer Science and Engineering , Vasavi College of Engineering, pp:62-67,1-2 April,2014.

8. B.Prasanthi,Suresh Pabboju,D.Vasumathi, “ Detection of Vehicles in Aerial Surveillance”, in International Conference on Computer & Communication Technologies, by the departments of CSE & ECE,CMR,Technical Campus,pp: 37-42,28-29 March,2014.
9. V.S.N. Kumar Devaraju,B.Prasanthi, “Comparative Analysis of Block Matching Algorithms for Motion Estimation” in International Conference on Navigational Systems & Signal Processing Applications by University College of Engineering & Technology,Acharya Nagarjuna University,AP,pp:445-452, 13-14 December,2013.
10. D.Vasumathi,Suresh Pabboju,Prasanthi.B,Vijay Kumar.D ,” Study on Efficient Image Retrieval Techniques” in National Conference on Emerging & Innovative Trends in Computer Science , by the Department of Computer Science and Engineering , Vasavi College of Engineering , pp:124-129, 1-2 May ,2012 .
11. B.Prasanthi, “ Clustering on Web Usage Data using Approximations and Set Similarities” National Conference on Knowledge Engineering by the Department of Computer Science and Engineering ,MGIT , 29- 30 July 2011.

Patents:

1. Patent on “Early COVID Prediction : Neuro Fuzzy Multi-layered Data Classifier” published on 27-09-2020 along with Ramana, Kadiyala; Kumar, Madapuri Rudra; Senthil Mahesh, P.C.; Prasanthi, B.; Hari Krishna, T.; Surya Narayana, G. and Kallam, Suresh, No: 2020102448
2. CopyRight on “Internet Of Things (Iot) Enabled Secure Smart City Application” published on 6-7-2021 along with Dr.G. Surya ,Dr.D.Shanthi ,Dr. T. Bhaskar , B.Prasanthi ,Dr. O. Obulesu , Dr.V. Deeban Chakravarthy ,Dr.Kadiyala ,Dr. Suresh Kallam, No: L-105142/2021
3. Patent on “Congenital Heart Anomaly Detection Using Hybrid Learning Algorithm For Particle Swarm Optimization” published on 26/11/2021 along with . Dr. N. Swapna , Dr. K.L.S. Soujanya , Anuradha Boya , Gousiya Begum, No: 202141044873

No. of Books/Chapter Published with details:

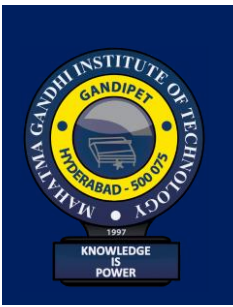
1. Published book chapters on “Introduction to Big Data Analytics” by South Asian Academic Publications, May 2021.

Events Organized:**Conferences:**

1. Coordinator for National Conference on Knowledge Engineering by the Department of Computer Science and Engineering ,MGIT , 29- 30 July 2011.

FDPs/STTPs:

1. Co-Convener for One Week Online International Faculty Development Programme on The Role Of Linear Algebra in Machine Learning, Artificial Intelligence & Data Science, organized by the Departments of Mathematics and Humanities, Computer Science Engineering and Information Technology, Mahatma Gandhi Institute of Technology, Hyderabad held from 29th November, 2021 to 3rd December 2021.
2. Advisor Committee Member for 36 Hr Hackathon organized by MGIT-JHUB in association with JHUB-JNTUH on 20-21 December 2019
3. Convener for One week Faculty Development Programme on Image Processing & Applications Organized by Department Of Computer Science & Engineering, Mahatma Gandhi Institute of Technology, Hyderabad held from 15-19 December 2014.



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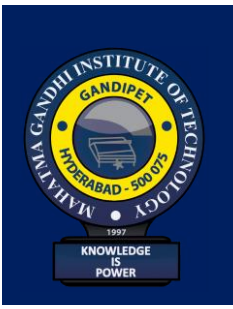
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Refresher Courses/ Workshops/ Webinars/ Seminars/ Guest Lecture:

1. Organized Reminiscence-2021 on 8-1-2022
2. Organized Guest Lecture on “ Placements and Technologies “ by Mr Thiran,Amazon on 26-11-2021.
3. Organized Guest Lecture on “ Collegeology-Art of cracking the code of Engineering” by Mr. MayurVastari, Security Analyst , Cognizant, Hyd on 27-10-2021.
4. Organized Guest Lecture on “ Collegeology-Art of cracking the code of Engineering” by Mr. MayurVastari, Security Analyst , Cognizant, Hyd on 26-10-2021.
5. Organized Guest Lecture on "Role of Entrepreneur" by Mr.S.Vishnu,CEO FoodPanda on 24-07-2021.
6. Organized Guest Lecture on “Cyber defense/security and Cloud & DevOps Engineering” by Mr. M Sainath Rao , Infosecurity Engineering Analyst, United Health Group-Optum on 26-06-2021.
7. Organized Guest Lecture on “Datastructures in JAVA” Mr Kranthi Kumar Rekala ,API Software Engineer at ViacomCBS, San Francisco on 28-05-2021.
8. Organized Guest Lecture on “Mulesoft for Enterprise Application Integrations” by Mr Subramanyam,Lead Integration consultant Enique IT solutions on 30-04-2021.
9. Organized Guest Lecture on “Importance of Programming Languages” by Mr Nilesh Patil,Hadoop Admin,Modak Analytics on 22-03-2021.
10. Organized Guest Lecture on “Projects & Internships” by Mr Sunil & Mr Anirudh,Directors,Fruitstone Technologies on 28-2-2021
11. Organized a Guest Lecture on “Cloud Computing” by Mr.Isaac J,Developer,CGI Group,Lousiana on 31-01-2021.
12. Organized a Guest Lecture on “Data Structures” by Mr. Rama Chenna Reddy,Software Engineer,GGk Technologies on 22.09.2020
13. Organized a Guest Lecture on “Data Structures” by Mr. Rama Chenna Reddy,Software Engineer,GGk Technologies on 29.02.2020
14. Organized a Guest Lecture on “Placements” by Mr.Sai Akhil Sreekakula,Software Engineer,Franklin Templeton International Services on 16-9-2019.



15. Organized a Guest Lecture on “Career Guidance “ by Mr.N Naveen,SDE Intern,Paytm Travels 9-4-2019
16. Organized a Guest Lecture on “ Career Guidance - Internships and Projects” by Mr.P.Abhilash,Automation Engineer,Teradata on 15-4-2019.
17. Organized a Guest Lecture on “ Cloud Computing” by Mr. Saibaba Bojja,Senior Consultant ,InfosysLtd on 2-5-2019
18. Co-convener of the National Level Technical Symposium QUBIT’13
19. Co-convener of ANDROID workshop in association with IIT Kharagpur as a part of nationwide competition in ANDROID APP development, 2013.

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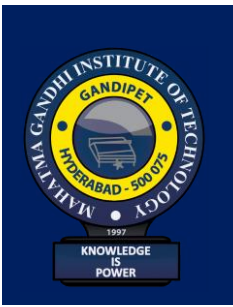
Events Attended:

FDPs/STTPs:

1. 2 WEEK FDP ON DIGITAL IMAGE & VIDEO PROCESSING ,4-16 December 2017 by department of ECE,MGIT.
2. “EMPOWERMENT COACHING FOR FACILITATORS” MARCH 30TH-APRIL 3RD BY TASK IN ASSOCIATION WITH TATA STRIVE,2017.
3. One Week National Level Faculty Development Programme On “Algorithms” Held From 20th To 27th September 2016 organized under TEQIP-II by department of CSE,JNTUH.
4. AICTE sponsored one week National Workshop on Cloud Computing organized by CSE dept. MRECW from 25th to 29th November,2013.
5. 2-week Faculty Development Programme in Entrepreneurship from 22nd April to 4th May 2013 organized by EDC, MGIT.
6. Two-week FDP in ENTREPRENEURSHIP by EDC ,MGIT from 22.4.13 to 4.5.13.
7. One week ISTE FDP at MGIT from 30 th July 3 to 3 rd August 2012
8. One-week ISTE FDP on “Teaching ,Learning and Research in Engineering & Technology” during 30th july-3rd august 2012 organized by ISTE chapter-MGIT and Industry-Institute Partnership cell funded by AICTE.
9. Indo-Italian workshop “IT:Education ,Research & Industry “and Autumn school organized by B.M.Birla Science Centre in collaboration with the University of Udine,Italy from 17 to 20 2011 at B.M.Birla Science ,Hyderabad.
10. UGC sponsored Orientation Course from 31st May to 26th june ,2010 by ASC-JNTUH

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

1. UGC sponsored Winter School/Refresher Course from 20-01-2014 to 08-02-2014 at ASC-JNTUH.



Online Certifications:

1. COURSERA certification in Big Data Integration and Processing August 8 ,2020
2. COURSERA certification in Big Data Modeling and Management Systems July 29,2020
3. COURSERA certification in Introduction to Big Data July 21 ,2020
4. COURSERA certification in Programming for Everybody (Getting Started with Python) May 9,2020
5. NPTEL -Introduction to Operating Systems- 8 weeks- July – September 2019
6. NPTEL –Programming in JAVA -12 weeks -Jan-April 2019
7. NPTEL-Problem Solving through Programming in C -12 WEEKS- Jan- April 2018

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