# Mr. Shyam Sunder Pabboju
## Assistant Professor,CSE

**Education Qualifications:**    B.Tech., M. Tech. (CS)
**Specialization:**    Cloud Computing

**ADDRESS:**
- D – Block -202

**JNTUH ID:**

97150405-044942

**EMAIL:**

pshyamsunder_cse@mgit.ac.in

**DATE OF JOINING:**

21-08-2006

**EXPERIENCE - 16 Years**
- Teaching - 16

**SUMMARY:**
- Publications - 7
- Conferences - 7
- Book chapters –1
- Honors/Awards - 4

**EVENTS:**
- Organized - 10
- Attended - 51

## Membership of Professional Bodies:

1. Life Membership - Computer Society of India (CSI) - I1510492
2. Life Membership - International Association of Engineers ( IAENG ) – 277823
3. Life Membership – The Society of Digital Information and Wireless Communication (SDIWC)-31690

## Responsibilities Held at Institution Level:

1. SPoC, NPTEL.
2. SPOC, SIH -2022
3. Member, Web Team
4. Member, SC/ST Cell

## Responsibilities Held at Department Level:

1. Students Internships Coordinator
2. Task Oracle Java Coordinator
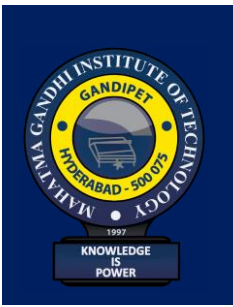3. JNTUH jhub coordinator

## Honors/Awards Received:

1. Received certificate of appreciation for instrumental role as SPOC for the SWAYAM-NPTEL LOCAL CHAPTER for JUL-DEC 2021 semesters.
2. Received certificate of appreciation for fostering the ecosystem bridging Government, Academia and Industry.
3. Received certificate of appreciation for instrumental role as SPOC for the SWAYAM-NPTEL LOCAL CHAPTER for JUL-DEC 2020 semesters.
4. Received certificate of appreciation for instrumental role as SPOC for the SWAYAM-NPTEL LOCAL CHAPTER for JUL-DEC 2019 semesters.

## Courses Handled at Under Graduate /Post Graduate Level:

- **UG:** Programming for Problem Solving, Data Structures, Object Oriented Programming through JAVA, Database Management System, Operating System

## Publications:

1. Shyam Sunder Pabboju, Satya Shekar Varma Poranki, Marri Shiva rama krishna "A Relative study on job scheduling algorithms in cloud computing environment" in International Journal of research and analytical reviews Volume -5,Issue-2 April-June 2018
2. Shyam Sunder Pabboju, Satya Shekar Varma Poranki, damera vijay kumar "A survey of Job Scheduling in Cloud Environment" in International Journal of Computer Science and Engineering (SSRG-IJCSE), ISSN: 2348-8387, Volume 2, Issue 10, October 2016.
3. Shyam Sunder Pabboju, Ballikonda Sai Chaitanya , D.Vijay Kumar , P.Satya Shekar Varma "Multi-Factor Authentication Using Graphical Passwords Through Handheld Device" in International Journal of Computer Engineering and Applications (IJCEA), ISSN-2321-3469,Volume X, Issue IV, April 16 .

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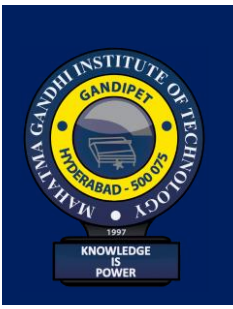- Organized - 10
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4. Muduganti Geervani, G.Rithin Surya Sainadh, P Satya Shekar Varma, Shyam Sunder Pabboju, "Query Processing To Identify Text video Subsequences Using Hadoop Framework" at the International Journal on Computing, Communications and Systems (IJCCS) ISSN:2277-6699, Vol-4,Issue-2 (December-2015).

5. Vijay Kumar Damera, Dr. Suresh Pabboju, Shyam Sunder pabboju, " Data Security Issues in Cloud Computing " in International Journal of Knowledge Engineering and Research (IJKER), ISSN: 2319 – 832X, Vol. 1 Issue 2, November – 2012.

6. Vijay Kumar Damera, Dr. Suresh Pabboju, Shyam Sunder Pabboju, "Secure Storage of Encryption Keys" in International Journal of Engineering Research & Technology (IJERT), ISSN: 2278-0181, Vol. 1 Issue 7, Sept – 2012.

7. Vijay Kumar Damera, P Shyam Sunder, P.S.S.Varma, K.P. Maitreyi, " IP Network Recovery with the Use of Numerous Routing Patterns" in a National Conference on Emerging and Innovative Trends in Computer Science " held at Vasavi Engineering College, Hyderabad, India during May 1-2 2012.

## Conferences:

1. participated and presented a paper titled "Task Scheduling in Cloud usingImproved Ant Colony Algorithm" in SCI-2021 held at Vasavi College of Engineering (Autonomous), Hyderabad, India.

2. participated and presented a paper titled Task Scheduling In Cloud Using Improved Genetic Algorithm Paper ID: 271 in SCI-2020 held at Vasavi College of Engineering (Autonomous) Hyderabad, India.

3. Shyam sunder pabboju, Vijay Kumar Damera, P.S.S.Varma, " Web Personalization using Web Mining Process" at the 2010 International Conference on Semantic, E-Commerce and Enterprise Computing(SEEC-2010) held at Vimalayam Womens College, Cochin, India during 15-17 September 2010.

4. Vijay Kumar Damera, Shyam sunder pabboju, P.S.S.Varma, Vijay Kumar ,Srinivas R "Banner Steganography - A new approach to hide Secret Information" at the 2010

5. International Conference on Informatics , Cybernetics and Computer Applications(ICICCA 2010) held at Gopalan College of Engineering and Management, Bangalore, India during July 19-21,2010.

6. D.Vijay Kumar, Shyam sunder pabboju, P.S.S.Varma, Maitreyi, Vijay Thandra "Closed Sequence Pattern Mining without Candidate Maintenance on time series data" at the 2010 International Conference on Informatics, Cybernetics and Computer Applications (ICICCA 2010) held at Gopalan College of Engineering and Management, Bangalore, India during July 19-21,2010.

7. Vijay Kumar Damera, P Shyam Sunder, P S S Varma " Quality Improvement Using Defect Prevention Techniques" at the 2010 International Conference on Informatics , Cybernetics and Computer Applications(ICICCA 2010) held at Gopalan College of Engineering and Management, Bangalore, India during July 19-21,2010.

## No. of Books/Chapter Published with details:

1. Pabboju S.S., Adilakshmi T. (2021) Task Scheduling in Cloud Using Improved Genetic Algorithm. In: Satapathy S.C., Bhateja V., Favorskaya M.N., Adilakshmi T. (eds) Smart Computing Techniques and Applications. Smart Innovation, Systems and Technologies, vol 224. Springer, Singapore. https://doi.org/10.1007/978-981-16-1502-3_25.

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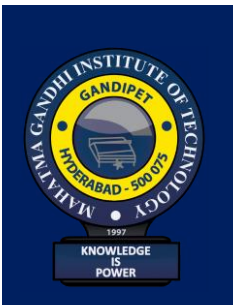
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## Events Organized:

FDPs/STTPs:

1. Two Days Online Workshop on "Free and Open Source Alternative for Web Conferencing and Teaching Learning" on 15th & 16th July 2020, organized by Department of CSE & e-swecha.

2. Organized two day national workshop on "Speech Processing" organized by department of Computer science and engineering during 17-18 Feb 2012 at MGIT, Hyderabad.

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

1. Conducted internal hackathon 2022 for Smart India Hackathon 2022

2. Conducted 36 hours hackathon on cyber security on 20-21 December 2020 .

3. Conducted internal hackathon 2020 for Smart India Hackathon 2020

4. Conducted hackathon on Chatbot in association with Smart Bridge-TechHack 13-15 Feb 2020 & 1 day bootcamp & 2 day Hackathon.

5. Trainer for TASK-Oracle Java Certification Programme. (Java Fundamental- and Java Programming-23)

## Events Attended:

FDPs/STTPs:

1. participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Cyber Security and Incident Analysis: A Practical and Investigative approach" from 2021-07-19 to 2021-07-23 at Andhra University College of Engineering (A).

2. participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Blockchain" from 2020-8-24 to 2020-8-28 at PSNA College of Engineering and Technology.

3. participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Cloud Technology" from 2020-9-7 to 2020-9-11 at VAAGDEVI COLLEGE OF ENGINEERING.

4. participated and successfully completed National Level One Week Online Faculty Development Program on "MULTI TECHNOLOGY" from 28th June 2021 to 3rd July 2021 organized by Department of Computer Science & Engineering in association with National Youth Council of India and Brain-O-Vision Solutions India Pvt. Ltd.

5. Participated in One Week Faculty Development Program on Deep Learning and its applications 25-30 November 2019,NIT Warangal and VCE

6. Participated in One Week Faculty Development Program on International workshop on Advances in Participated in One Week Faculty Development Program on Cloud Computing 27-31 December 2019     Osmania University

7. Participated in One Week Faculty Development Program on Online Training on Latex 27th April to 2nd May, 2020 & 1 Week,Sanjay Ghodawat University, Kolhapur

8. Participated in One Week Faculty Development Program on Research Challenges and Opportunities Post COVID19 4-9 May 2020 & 1 Week,Sri Vasavi Engineering College (A),A.P.

9. Participated in One Week Faculty Development Program on AICTE Margdarshan FDP on Art of Writing Papers and Research Methodologies , 07 - 13 May 2020& 1 Week GRIET, Hyderabad.

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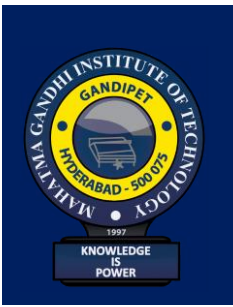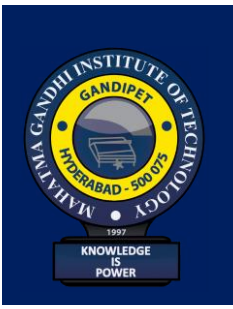**EXPERIENCE - 16 Years**

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10. Participated in One Week Faculty Development Program on LINUX foundation and implementation of Data Structures   11-16 May 2020& 1 Week            VNR VJIET, Hyderabad

11. Participated in One Week Faculty Development Program on PHP and MySQL,18-23 May 2020& 1 Week          JNTUH, Jagityal.

12. Participated in One Week Faculty Development Program on Artificial intelligence       22-26 May 2020& 1 Week,CBIT, Hyderabad

13. Participated in One Week Faculty Development Program on Cyber Security(ATAL) 26-30 May 2020& 1 Week          JNU, New Delhi

14. Participated in One Week Faculty Development Program on Machine Learning             1-5 June 2020& 1 Week JBIT, Hyderabad

15. Participated in One Week Faculty Development Program on Ruby and Perl Programming 3-8 June 2020& 1 Week    St. Peters Engineering College, Hyderabad

16. Participated in One Week Faculty Development Program on Cloud Computing10-30 June 2020& 1 Week     KITE, Tamil Nadu

17. Participated in One Week Faculty Development Program on Moodle Learning Management System(JNTUH)   10-15  June 2020,JNTUH Sulthanpur

18. Participated in One Week Faculty Development Program on Cloud Computing & Devops 23-27 June 2020& 1 Week at VNR VJIET.

19. Participated in One Week Faculty Development Program on "Machine Learning through

20. mathematical modelling using python &R-Soft " organized by Department of M&H,CSIT, MGIT, Hyderabad in collaboration with E&ICT Academy, NIT, Warangal from 2-7 July, 2018

21.  Participated in One Week Faculty Development Programme on "Applied Machine Learning using python" organized by Department of Computer Science and Engineering, MGIT,

22. Hyderabad in association with PanTech ProEd Pvt. Ltd. from 18th to 23rd December, 2017.

23.  Participated in AICTE Sponsored Two Week Faculty Development Programme on "Research Trends in Digital Image and Video Processing" organized by Department of Electronics and Communication Engineering, MGIT, Hyderabad from 4th to 16th December, 2017

24.  Attended Two Day workshop on "Adoption of Technology in Teaching and Learning" held on 5-6 July 2017 organized by Department of Information Technology, MGIT, Hyderabad  in association with Swecha Academic Chapter.

25.  Attended three day workshop train the trainer from 28th February to 2nd march 2017 at Tech Mahindra, Hyderabad.

26.  Attended One Week National Level Faculty Development Programme on "Emerging Trends, Issues and Challenges in Big Data and Cloud Computing" from February 20-25 2017 under TEQIP-II sponsored organized by Department of CSE,CBIT.

27.  Participated in 4CCon-2nd National Conference of free software Movement of India hosted by Free Software Foundation Tamil Nadu on 27th and 28th January 2017 at B.S.Abdur Rahman University, Chennai.

28. Participated in the One Week National level faculty development programme (FDP) on "Internet of Things with Raspberry PI and Network Simulator (NS-2) "organized by the Dept of IT, MGIT, Hyderabad in association with Pantech ProEd. Pvt. Ltd from 17th to 21st  October, 2016.

29. Completed professional development for the Java Academy Course "Java fundamentals and Programming" from September 18th to 23rd 2016 at MGIT, Hyderabad.

30. Participated in the two day workshop on "Cloud Computing " organized by the Department of Computer Science and Engineering ,CBIT, Hyderabad on 7th and 8th September 2016.

31. Participated in National Level One Week Faculty Development Programme on "Recent rends in Digital Image and Video Processing" organized by Dept. Of ECE, MGIT, Hyderabad during 22nd to 27th February 2016.

32. Participated in one week faculty development programme on "web Services and Internet of Things" organized by dept. of CSE, GNITS from 1st December to 5th December 2015.

33. Participated Four Week "JNTU-EXCITE Product Engineering Workshop" from May 28th to June 27th, 2015 for Academy Industry interface.

34. Participated Two Day JNTUH EXCITE -2015 Faculty Training Program At Dept. Of CSE On May 2nd And 3rd 2015.

35. Participated One Week Faculty Development Programme On "Image Processing and Its Applications" Conducted By Dept. Of CSE, MGIT, Hyderabad from 15th December To 19th December 2014.

36. Participated in the two Day workshop on "virtualization and Cloud Computing" organized by the Dept. of CSE ON 11th and 12th March 2014.

37. Participated in the Faculty Development Programme on "Project Management from an

38. Industry Perspective" held on 08th march 2014 at MGIT, Hyderabad.

39. Participated two day Professor Summit in "Embedded System Design using Atmel XMEGA XPLDA A1 and ARM based SAM 4L" organized by Atmel India University Program in Coordination With University Industry Interaction Cell at JNTU, Hyderabad from 24.02.2014 to25-02-2014.

40. Participated workshop on Cyber Security and Malware Analysis(level-ii) organized by Dept of CSE in association with Indian Servers from 16th to 17th September 2013 at MGIT, Hyderabad.

41. Participated a 3-day Train The Trainer (TTT) workshop on "Mobile Application Development using Android" conducted by Infosys Limited, Hyderabad at Chaitanya Bharathi Institute of Technology (CBIT), Hyderabad from 19th to 21st March, 2013.

42. Participated a 2 day workshop on "Research aspects in information security " held on 6th and 7dec 2012 , at JNTUHCE ,Hyderabad conducted under TEQTP-II.

43. Participated a 3 day "Indo-Global Education Summit & Expo 2012" from September 7 to 9,2012 at Taj Krishna & Taj Deccan, Hyderabad.

44. Participated a three day workshop on "Mobile Application Development and Testing Methodologies" in association with SWECHA and supported by Industry Institute partnership Cell-MGIT FROM 6TH to 8th August, 2012.

45. Participated a one week ISTE faculty development program on "teaching, learning and Research in Engineering and Technology" during 30th July-3rd August 2012 organized by ISTE student chapter-MGIT and Industry Institute Partnership Cell.

46. Participated one day national workshop on "Grid and Cloud Computing" organized by department of Information Technology during 9 Feb 2012 at MGIT, Hyderabad.

47. Participated a two day workshop on "Research opportunities in Computer Science and Information Technology" on 27th and 28th of Jan 2012 at CBIT .

48. Participated "National Conference on Knowledge Engineering" held on 29th and 30th July 2011 organized by Dept. of CSE, MGIT, Hyderabad.

49. Participated in the "15 day Software Industry Oriented Summer Camp" held from 16th -30th June 2011, hosted at CBIT&MGIT campus.

50. Attended two day faculty development program on "Recent Trends in data Mining" held on 30th and 31st December,2010 conducted by Dept. of CSE, MGIT, Hyderabad.

51. Participated in the three day "National Convention for Academics and Research" , Dec 16-18,2010 organized by free software movement of India and hosted by Swecha at Mahindra Satyam Technology Centre, Hyderabad.

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

1. Participated three week in the UGC Sponsored Refresher Course "Cloudera: Big Data and Cloud Analytics" from 10-11-2014 to 29-11-2014 at JNTUH, Hyderabad.

2. Participated four week in the UGC Sponsored Orientation Course "39th Orientation Course " from 12-05-2014 to 07-06-2014 at JNTUH,Hyderabad.

## Online Certifications:

1. Successfully Completed NPTEL online Course Cloud Computing with a consolidated score of 66% (Elite Grade) in Jan-Apr 2021.

2. Successfully Completed NPTEL online Course Problem Solving through Programming in C with a consolidated score of 75% (Elite with Silver Grade) in Jul-Oct 2019.

3. Successfully Completed NPTEL online Course Joy of Computing using Python with a consolidated score of 67% (Elite Grade) in Jan-Apr 2019.

4. Successfully Completed Coursera online Course Programming Fundamentals on 11th April 2020 & 4 weeks Duke University.

5. Successfully Completed Coursera online Course Cloud Computing Basics on 1st May 2020& 3 weeks      Learn Quest.

6. Successfully Completed Coursera online Course Programming for Everybody (Getting Started with Python) on 16th April 2020& 7 weeks University of Michigan

7. Successfully Completed Coursera online Course Python Data Structures on 4th May 2020 & 7weeks University of Michigan

8. Successfully Completed Coursera online Course Cyber Security and the Internet of Things on 9th May 2020& 4 weeks University System of Georgia

9. Successfully Completed Coursera online Course Programming Foundations with JavaScript, HTML and CSS on 16th May 2020& 6 weeks Kennesaw state University

10. Successfully Completed Coursera online Course Introduction to Data Science in Python        on 9th June 2020& 4 weeks University of Mechigan.

## Any Other Contribution:

1. Qualified UGC NET DEC-2018 for eligibility of Assistant Professor held in December 2018 in the subject Compute Science and Applications.

2. Qualified Telangana State Eligibility Test (TS-SET 2018) for Assistant professor held on 15 th July 2018 in the subject Computer Science and Applications under general category.