**OBJECTIVE (Multi Talented Professional) INDUSTRY AND ACADEMIA EXPERT**

Empower organizations to adopt a data and process-driven approach through the cultivation of robust management capabilities and the successful execution of Emerging Technology projects

**EDUCATION**

* Master of Business Administration (Regular MBA[Systems-Business Analytics]) from Osmania University (First Division)-2019 - **(FACULTY OF MANAGEMENT,OSMANIA UNIVERSITY)**
* Ph.D. – Image Processing Using C Language and Unix Operating system, CSIR-National Geophysical Research Institute (CSIR LAB) Osmania University (1996) **(FACULTY OF SCIENCE,OSMANIA UNIVERSITY)**
* Post Graduate Diploma in Computer Applications from **FACULTY OF ENGINEERING**, **OSMANIA UNIVERSITY** (A Grade) 1988
* PG Science & Technology (M.Sc.(Tech)Geophysics) -**UNIVERSITY COLLEGE OF SCIENCE, OSMANIA UNIVERSITY** (First Division)-1985
* B.Sc. from Osmania University (First Division with DISTINCTION)-1982
* **IGUSri L.N. Kailasam memorial Lecture Award for the year 2022.**

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| Conferred with Lifetime Achievement Dr **Kailasam Award-2022** from Indian Geophysical Union (INDIAN SCIENTIFIC Community) “Significant contributions in oil and gas exploration; analysis, interpretation of Antarctica and other Geophysical data and also Expertise in handling and new techniques such as Artificial Intelligence(AI) and Machine Learning” |

**PROFESSIONAL CERTIFICATIONS/TRAININGS**

* **Successfully completed the “CMMI V3.0 High Maturity Concepts (June 5th and 6th 2024 )” CUNIX Infotech Pvt. Ltd., CMMI Institute Partner, Mumbai 400101**
* **Certified and Successfully, completed all requirements with 96% to become a "Certified Practitioner CMMI" - Eligible for CMMI V3.0 and V2.0.( dated 24th March 2024)**
* **Certified and Successfully, completed all requirements with 93% to become a "Certified Associate CMMI" - Eligible for CMMI V3.0 and V2.0.( dated 2nd December 2023)**
* **Certified and Passed "Google Cloud Certified - Professional Machine Learning Engineer" on July 1st 2022**
* V2.1.02 Certified CMMi Associate (with 95%) - on 11th November 2020
* SAP Certified Application Associate -PP with SAP ERP 6.0 EHP4 - SAP global certification
* Professional Scrum Master - PSM1 Certification, Boston, Massachusetts (USA)
* Certified ITIL V2 / V3 Foundation – EXIN, Netherlands
* Certified Software Test Manager - STQC, Department of IT, Government of India, India
* Certified for Six Sigma Green Belt -Applabs and Microsoft Business Solution - Navision Attain Overview, Navision, Denmark
* Certified Software Quality Analyst (CSQA) (2009)-Quality Assurance Institute (QAI), USA

**CORE DOMAIN COMPETENCIES**

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| * Machine Learning (ML) , Artificial Intelligence (AI), Machine Learning Operations (MLOps) and Generative AI | * Statistics for Data Science |
| * Delivery, Quality, Testing, Program management and CMMi V3.0 Expert | * Building High-Performance Teams |
| * Natural language processing (NLP) | * Big Data Analytics/Business Analytics and Data Visualization using Python. R programming, and Power Bi |
| * Machine Unlearning and AI Augmented Software development | * Strategic planning and execution |

# **TECHNOLOGY/PLATFORM SKILLS**

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| --- | --- |
| * Programming Languages- Python and R | * Familiarity with OracleDB, MySQL, No-SQL databases |
| * Familiarity with Cloud Computing, Hadoop & eco-system | * Familiarity with Data Visualization– Qlik Sense ,Tableau |

* Member on the Board of Studies in the Dept. of CSE -Vignana Bharathi Institute of Technology (VBIT) (Autonomous) and St. Francis College for Women ,Begumpet.
* Subject Matter Expert(SME-Data Science) – Board of Studies(BOS) member - Osmania University College for Women, Koti, and Nizam College, Hyderabad
* Advisory Board member for Data Science and Business Analytics" for St. Ann’s College for Women,, Mehdipatnam Hyderabad
* Advisory Board Member for Computer Society of India(CSI) Hyderabad Chapter Internship.

**COUNTRIES VISITED**



**CORPORATE EXPERIENCE**

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| --- | --- | --- | --- |
| **From** | **To** | **Responsibility /Role** | **Organization** |
| 2021 | - | Data Science and Management Consultant, sharing knowledge to USA students on Emerging technologies and CMMi Process, Quality and Test Management Consultant. | Independent Consultant |
| 2020 |  | Professor of Practice , Pallavi Engineering College | Visiting Professor |
| 2023 | 2024 | Professor of Practice , Institute of Aeronautical Engineering | Visiting Professor |
| 2022 | 2023 | Process Definition and Process Consultant (Freelancer) | QAI India Ltd, New Delhi |
| 2020 | 2021 | Program Manager and Mentor | Empiezo IT solutions Private Limited |
| 2015 | 2020 | Data Science Consultant/Data Strategist –Independent consultant | Wissen Infotech, Hyderabad |
| 2007 | 2015 | Senior Project Manager | Hewlett-Packard Global Soft, Hyderabad |
| 2005 | 2006 | Senior Test Management Analyst | Convergys, Hyderabad |
| 2004 | 2005 | Test Management / Quality Process Consultant | Applabs, Hyderabad |
| 1999 | 2004 | Senior ERP Techno Management Consultant | Blue Star Infotech, Mumbai |
| 1997 | 1999 | Baan Faculty - Training Coordinator/Lead | Baan Institute of India, Hyderabad |
| 1996 | 1997 | Corporate Faculty –UNIX | Aptech, Hyderabad |

**ACADEMIC EXPERIENCE**

* **International**
  + 2022 – International Guest Lecturer on “Introduction to Robotics” and “Algorithms for Data Science” - **I**nternational **S**chool of **B**usiness **a**nd **T**echnology (**ISBAT**) University, Kampala, Uganda (East Africa)
  + 2018- Visiting Professor on “Data Mining, Python Programming and Data Science” **I**nternational **S**chool of **B**usiness **a**nd **T**echnology (**ISBAT**) University, Kampala, Uganda (East Africa)
* **National** 
  + 2020 – Professor of Practice – Pallavi Engineering College(PEC), Hyderabad)
    - Sharing knowledge on Machine Learning, Artificial Intelligence, Python Programming, Data Analytics Management Subjects –Research Methodology etc., and on Emerging Technologies
    - Motivational Speaker- Ability to inspire students, colleagues and other stakeholders
    - Monitored in all operations of the Institute such as quality of study material, Process consistency in student evaluation, pass rates, percentage of backlogs, quality of placements etc
  + 2023–2024 Professor of Practice (Emerging Technologies) –Institute of Aeronautical Engineering (IARE), Hyderabad
* 2021-2022-Shared sessions on “Software Engineering” and “Software Testing” to **Centre for Development of Advanced Computing(CDAC)** ,Hyderabad participants.
* 2017-2022- Visiting Faculty for the Department of Management and Commerce, Osmania University on Technology Forecasting and Assessment, Statistics for Management, Technology Management, Business Research Methods, Operations Research, Business Analytics using R, Requirement Management and Software Project Management.
* 2020-21 - Adjunct Faculty on “**Operations Management**” at National Institute of Pharmaceutical Education and Research (NIPER) – Ahmedabad
* 2019 - Shared Series of Trainings on “Data Analytics” to National Institute of Smart Governance(NISG), (under the guidance of Digital India, New Delhi), Patna .
* 2018-19 - Visiting faculty for the Department of Mathematics and Department of Statistics Osmania University on Cloud Computing
* Corporate – ItnurtureDen(Hyderabad) –Course Director – Data Science and Artificial intelligence Mentor, Coach and Trainer

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| **Data Science, Business Analytics and Machine Learning using Python and R Programming sessions** | |
| **Activity** | **Total** |
| International – Paper Published in International Conference. | 1 |
| International Conference – Paper Published (Springer) – in Progress | 1 |
| Hackathon | 1 |
| Business Schools | 7 |
| Design Course Content | 12 |
| Hands-on Work Shop | 22 |
| International – Webinar | 4 |
| National- Webinar | 30 |
| Invited Talks-National Research Institutes | 6 |
| Invited Talks-University Engineering Colleges and Management Institutes | 80 |
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**Academic Profession Contributions**

* Involved in the **Hospital Data Analytics** and familiarity of analysing various types of data collected within a hospital setting to derive insights that can improve patient care, operational efficiency, and financial performance
* Designed high-quality curriculum that meets the needs of the Industry with a global perspective related to Data Science and Business analytics
* Drive continuous interaction with the industry to understand their changing needs and incorporate the same in developing curriculum of various programs.
* Involved in the preparation and design of the Data Science, Artificial Intelligence, and Business Analytics course content as per the need of the organizations for different Course curriculums, shared knowledge on Business Analytics (Big Data analytics), Python, R Programming with Machine Learning for different Corporate, Business Schools, Universities, and Various Engineering and Management colleges.

**Research Contributions**

**Publication:**

* A Novel Methodology to Predict and Detect the consumption of power for Smart commercial areas using Stacked GRU and LSTM (called Deep GRULS Architecture),Kameshwara Pavan Kumar Mantha, V Krishna Prasad Ambati and Venkataramana Devarakonda in International Conference on Advances in Computational Intelligence (ICACI 2023)-" Special focus on Data Science and IOT for intelligent Systems (SPRINGER paper accepted-In progress)
* International Union of Geodesy and Geophysics(IUGG) meeting at Boulder, Colarado USA July 2-14, 1995 “Imaging of Sedimentary strata lying below the flood basalts employing 2-D inversion of MT data” ; Verma SK and Venkataramana, D

**Professional Affiliations**

* Youth4Nation-Telangana- Executive Member (Y4N is a group of senior veterans, IAS, IPS, entrepreneurs and senior academicians spread across the nation. We have chapters in all states and they interact nationwide. Senior veterans, IAS, IPS, entrepreneurs and senior academicians spread across the nation. We have chapters in all states and they interact nationwide )
* Statistical Development of Society, Life Member, Osmania University, Hyderabad, India
* Computer Society of India (CSI) Special Interest Group (SIG) Big Data Analytics, India–Executive Committee Member
* Computer Society of India (CSI), India – Life Member
* Indian Geophysical Union – Life Member

**Contributions In Different Verticals**

R Programming, Data Science, Business Data Analytics Python Programming, Machine Learning, Software Engineering, Software Testing and Software Process and Project Management Methodologies were shared to the following Corporate.

1. Geological Survey of India(GSI),Hyderabad – AIML for Mineral Exploration
2. Centre for Development of Advanced Computing(CDAC), India
3. Collaboration with Well-known Training Academies – Participants from Different Reputed Companies
4. AI and ML for Management - Health Assist Pvt Ltd through Skill Enhancers (TSE)
5. Research Centre Imarat, Defence Research and Development Organization (DRDO), Ministry of Defence, DRDO, Hyderabad
6. Defence Electronics Research Laboratory (DLRL) of Defence Research and Development Organization (DRDO), Hyderabad,
7. Centre for Development of Advanced Computing (C-DAC) – Shared series of Subjects.
8. Indian Institute of Geomagnetism, Mumbai
9. Wissen InfoTech, Hyderabad,
10. Telenor Technologies Private Limited, Hyderabad

**Hackathon**

1. Data Hack Hours -National Level Hackathon - Organized by Department of CSE,Anurag University collaboration with Computer Society of India(CSI) and CSI-Special Interest Group-Big Data Analytics(SIG-BDA) on 3rd December and 4th December 2021

**Business Schools**

Python programming, R-Programming and Telecom Analytics were shared to the following Business Schools.

1. Two-day workshop on R- Programming (Certificate Course on Artificial Intelligence and Machine Learning (CAIML) Jointly Hosted by CSI SIG BDA and E&ICT Academy, NIT Warangal) from 11th and 12th Aug 2018 ZettaMine Labs, Film Nagar, Jubilee Hills Hyderabad
2. Three-day workshop on Python for Managers on 16-17-18 Aug 2018 at Symbiosis Institute of Telecom Management (SITM),(Constituent of Symbiosis International University), Pune.
3. Designed and shared the knowledge on the course content for 2-Day Business School MBA students on “Telecom Analytics” on 10~11 March, 2017 in The School of Inspired Leadership (SOIL), Gurgaon (Delhi - NCR), Haryana.
4. Delivered lecture on "Data Analytics for Rural Development "  at NIRD&PR,  on 7th March(Tuesday) , 2017,Organized by  Centre for Information and Communication Technology of National Institute of Rural Development & PR, Hyderabad organized an International  Training program on "Information Communication Technology  for  Rural Development" 24 delegates from 16 countries namely Afghanistan, Algeria, Argentina, Bangladesh, Cameroon, Egypt, Ghana, Malaysia, Myanmar,  Samoa, South Sudan, Sri- Lanka, Sudan, Uzbekistan, Vietnam and Zambia  representing Rural Development, Agriculture, Local Governance, Cooperatives, Animal Resources, Fisheries and Youth Sport & Child Development departments are taking part in National Institute of Rural Development, Hyderabad.
5. “Business Analytics for effective decision-making”: Basics and Advances scheduled from 8th Aug 2016 and 10th Aug 2016, Institute of Public Enterprise, Osmania University Campus, Hyderabad.
6. Designed the course content and delivered Knowledge sharing sessions in One day workshop on " Big Data Analytics" on October 10 2015 conducted by Institute of Information Technology, The Institute of Chartered Accountants of India (ICAI-Western Region), ICAI Bhavan, Bandra Kurla Complex(BKC),Mumbai, Maharashtra. <http://www.icai.org/>
7. Invitation for round-table conclave on “Business Analytics” on 27th October 2015 from 4pm to 7pm; for CEOs/ CFOs/ CIOs / Presidents /VP/ Directors / Head-Analysts from analytics companies and companies using analytics at Prin.L.N. Welingkar Institute of Management Development and Research <http://www.welingkar.org/> , Matunga, Mumbai, Maharashtra.

**MEDIA**

With Press Suman TV

1. <https://www.youtube.com/watch?v=Ygm0LYJkCbs>

Series of IT Trends live in Program in Doordarshan (DD – Yadagiri) TV Channel on “Data Science and Data Analytics”

1. <https://www.youtube.com/watch?v=9U_X41t0h4A&list=PLpEjF93WjeZ2Y9ZGftjsvns-CAFcjcHCQ&index=3>
2. https://www.youtube.com/live/44esrIY\_Fm4
3. <https://www.youtube.com/watch?v=IT15EGTEvrg&list=PLpEjF93WjeZ2Y9ZGftjsvns-CAFcjcHCQ&index=2>
4. https://www.youtube.com/live/I8CZiVcUUi8?si=2JrLsjR7zjLgB9Oc
5. <https://www.youtube.com/watch?v=yRkGDDj3Mdo&feature=youtu.be>
6. <https://www.youtube.com/watch?v=f5i8YPH65_k&feature=youtu.be>
7. <https://www.youtube.com/watch?v=Mzb5dx4UUTk&feature=youtu.be>
8. <https://youtu.be/ouTNTmDmJSM>

Startup Trends - Impact Funding & Startup Phases – Doordarshan –Yadagiri -17th January 2020.

1. <https://www.youtube.com/watch?v=YcXuDaNlDfw&feature=youtu.be>

**Summer Internship**

1. Supervised and Guided the “Data Analytics using Data Visualization tools such as Python, R programming and PowerBI ) Project for the BTech Students

**Design Course Content**

1. Two Day workshop (on “Machine Learning Algorithms in Big Data Analytics for Engineering Applications” Organized by Department of Information Technology , Thiagarajar College of Engineering , Madurai, Tamilinadu from 11th September 2019 to 12th September 2019.
2. Facilitated and shared knowledge sharing sessions on Business analytics using R Programming to Assistant Professors, organized by Telangana Academy for Skills and Knowledge (TASK) (Department of ITE & Government of Telangana) from 27th September 2018 and 29th September 2018.
3. Conducted training on “Big Data Analytics using R Programming” Five-day National level Faculty Development Program om “Internet of Things & Advance analytics”, Department of Computer Science and Engineering, Jawaharlal Nehru Technological Institute (JNTU), Kakinada. 1st December to 5th December 2017.
4. AICTE Sponsored Faculty Development Program (22nd and 23rd Nov 2017) on “Usage of Python for Big data Applications in the” Big Data Analytics at Geethanjali College of Engineering and Technology.
5. Short term Training program on Data Science and Big Data Analytics using R Programming, Sri Aurobindo Institute of Technology, Indore, MP, India, 28-30th Oct 2017
6. Designed and shared the course content for Ten-Day Special Training Program on “Python Programming” on 1~15 May, 2017 Organized by CMR College of Engineering & Technology, Department of Computer Science & Engineering in association with CSI-SIG Big Data Analytics (BDA).
7. Designed and shared the course content for 3-Day Student Training Program on “Data Science using Python” on 23~25 March, 2017 Organized by PVP Siddhartha Institute of Technology, Department of Computer Science & Engineering in association with CSI-SIG Big Data Analytics (BDA).
8. Designed and shared the course content for Two -day workshop on " Python A Multi-Paradigm Approach to Object Oriented Programming" February 17-18, 2017, During the Organized By ,Scient Institute of Technology, Gr. Hyderabad
9. Designed the course content and actively involved in the CSI SIG BDA Two -day workshop on "Big Data Analytics using R" –Jan 27-28,2017, During the Eve of Golden Jubilee Celebrations of JNTUH ,Organized By JNTUH College of Engineering, CSE Department and CSI-SIGBDA at CSE Department, Jawaharlal Nehru Technological University, Hyderabad, TELANGANA-500016
10. Designed the course content of Faculty Development Program on "Big Data Analytics using R" –Dec 29-30,2016 organized by Department of Computer Science and Engineering in association with Computer Society of India(CSI) Special Interest Group(SIG) Big Data Analytics(BDA) at St. Martin's Engineering College, Hyderabad, Telangana
11. Designed the course content and actively involved in the CSI SIG BDA Two -day workshop on "Analytics Using R" 2nd and 3rd July 2016 in CSI Hyderabad Chapter(Registered Office), 302, Archana Arcade , West Block, Secunderabad, Telangana.
12. Designed the course content and actively involved in the CSI SIG BDA Three -day workshop on "Big Data Analytics" -2015 in C. R. Rao Advanced Institute of Mathematics, Statistics and Computer Science (AIMSCS), <http://www.crraoaimscs.org/> Central University Campus, Hyderabad, Telangana

**International - Webinar**

1. Expert Talk on "Data Science Applications to Various Engineering Fields" organized by Indian Business and Professionals Council (IBPC)-Qatar , Telugu Engineers Forum -Qatar on November 25th 2023.
2. Expert in the Third International Conference on Data Science and Bigdata Analytics (IDBA-ACMWIR-2023 ), 3rd ( Proceedings by Springer and Technically associated with ACM and Namibia University of Science and Technology) IDBA-ACMWIR-2023 | 16 - 17 Jun 2023 | Sri Aurobindo Institute of Technology Indore, India.
3. **Session Chair:** 2nd International Conference on Advances in Computer Engineering and Communication Systems (ICACECS-2021) - -ICACECS-2021-Department of Computer Science and Engineering-Track-4: DATA ANALYTICS & NLP, Organized by Vallurupalli Nageswara Rao Vignana Jyothi Institute of Engineering and Technology (VNRVJIET),Hyderabad on 13th-14th August 2021.
4. As a Key Note address, Shared knowledge on "Natural Language Processing (NLP) - Business Optimization " in an International Virtual Conference On Emerging Trends In Business, Management and Information and Communication Technology (ICT) 2021 organized by ISBAT UNIVERSITY, Kampala, Uganda 27-28th May 2021

**National- Webinar**

1. Delivered a Session on “Sharing insights on "Professionalism in the Digital Age: What Future Employers Expect" to future Youngsters (YOUNG STARS TO OUR GREAT INDIA) empowering them for a successful future. Organised by Department of Computer Science Aditya Institute of Technology and Management(AITAM),Tekkali,Srikakulam District of Andhra Pradesh on 3rd (7:00PM to 8:00 PM) and 4th(7:00PM to 8:00 PM) March 2025.
2. Delivered a 146th Knowledge sharing Session(KSS) and 180th Webinar on “Erasing Digital Foorprints: The Future of Privacy with Machine Unlearning” on 29th September 2024, organized by The Institute of Electronics and Telecommunications Engineers(IETE),Hyderabad
3. Shared knowledge on " Data Science- Mind-blowing opportunities -A LEARNING PATH " (30th – 31st March, 2022)- Department of Mathematics Organizers, two days online workshop on Organized by Anwarul Uloom College, Hyderabad
4. Expert Session on “Software Testing" organised by Centre for Development of Advanced Computing (C-DAC) - Hyderabad on March 16-17,2022
5. Shared knowledge on "Need for Data Analytics in Business Decisions" as a Resource person in Webinar,Organized by Department of Business Management, Osmania University, Hyderabad on 3rd July 2021
6. Shared knowledge on "Introduction to Data Science" as a resource person on in Webinar , Organized by the Skycampus, Power Seminar, Andhra Loyola College, Vijayawada and ICT Academy on 26th June 2021
7. Shared knowledge on "Cyber Security" as a resource person on in Webinar , Organized by the Skycampus, Power Seminar, KLE Society's Dharwad and ICT Academy on 30th June 2021
8. Shared knowledge on "Intelligent Learning" as a resource person on in Webinar on "Recent Advances in Information Technology", Organized by the Institution of Engineering and Technology(IET) Kanyakumari Local Network and Thiagarajar College of Engineering, Madurai, Tamilnadu on 22nd May 2021As an invited Speaker on "Decision Intelligence" Webinar organized by Jawaharlal Nehru Technological University Retired Teachers’ Association, Hyderabad on 3rd May 2021
9. As an Expert lecture on " Intelligent Learning - Overview and applications, Decision Intelligence” , Six Days Online Refresher Program “Intelligent Learning (PHASE-III)” Scheduled on 01/05/2021 (Saturday)- Sponsored by AICTE-ISTE and Presented by Department of Information Technology, ANITS, Visakhapatnam
10. As Resource Person - knowledge sharing session on " The Impact And Consequences Of Data Science in The Future World" by All India Council for Technical Education(AICTE) Sponsored short Term Training Programme(STTP) "Online Mode on Recent Trends and Challenges in Data Science" organised by PG and Research Department of Computer Applications, Hindusthan College of Arts and Science-an Autonomous Institution, Coimbatore ,Tamilnadu on 9th Feb 2021
11. As Resource Person - knowledge sharing session on "Role of Data Science in Business Applications" by All India Council for Technical Education(AICTE) Sponsored short Term Training Programme(STTP) "Online Mode on Recent Trends and Challenges in Data Science" organised by PG and Research Department of Computer Applications, Hindusthan College of Arts and Science-an Autonomous Institution,Coimbatore,Tamilnadu on 3rd Feb 2021
12. Shared "Python in Computation and Analysis" on the occasion of "Guido van Rossum" Python inventor Birthday on 31st Jan 2021- Python Inventor, Organized by Aurora Degree and PG College, Hyderabad
13. Shared “Artificial Intelligence for Business Management” – in National Webinar series “MANTHAN” Organized by CMS Business School, JAIN (Deemed-to-be-University), Bangalore on 9th January 2021.
14. As an invited Speaker on ” Data Science and its importance” , in International e-Seminar on “Data Science- Career Opportunities And Applications”, organized by Research & Innovative Program Cell, University College For Women, Osmania University, Koti, Hyderabad on 28th December 2020.
15. As an "Expert Speaker" in Induction Program - Artificial Intelligence & Data Science for Engineering students organized by Stanley College of Engineering and Technology for Women on 3rd December 2020.
16. One of the Speakers in Seven-Day National Online Training Program on Entrepreneurship Development (Sponsored Under RUSA-2.0 (5th – 11th October, 2020)Organized by Centre for Entrepreneurship Development & Business Sustainability Department of Business Management, UCC&BM, Osmania University, Hyderabad
17. National Webinar on "Entrepreneurial Skills and Challenges“ on 24 August 2020 Organised by Department of Business Management Osmania university, Hyderabad
18. One of the Speakers in National Webinar on "Entrepreneurial Skills and Challenges“ on 24 August 2020 Organised by Department of Business Management Osmania university, Hyderabad
19. Shared “Quality 4.0 Revolution Approach in Data Science Applications” – Organized by HYDSPIN on 13th August 2020
20. Designed and Shared Knowledge in IT Milan on “Deep Understanding - Data Science Models” from 15th August to 16th August 2020, Organized by SoftwareExecutivesParivar, Hyderabad Chapter.
21. Designed and Shared Knowledge in National level one week FDP on “Advance Machine Learning Models using Python” from 3rd August to 7th August 2020, Organized by Department of Computer Science and Engineering, Vignan's Institute of Management and Technology for Women, Hyderabad.
22. Shared Knowledge on " An approach to Data Science – in Applications ” in National Webinar (30th July 2020) Organized by Sujata Junior & Degree College for Women
23. Shared Knowledge on "Understanding Machine Learning in Data Science” during One Week National level Online Faculty Development Program On “Emerging Trends in Computer Science and Information Technology”(29th June 2020 - 4th July 2020) Organized by Kommuri Pratap Reddy Institute of Technology. (KPRIT),Hyderabad
24. Shared Knowledge on "Application of Operations Research (OR) in Data Science Applications" during One Week Online International Faculty Development Program on “Importance of Mathematics in Science and Technology (25th – 29th June, 2020)". GMR Institute of Technology (GMRIT), Rajam (AP).
25. Shared “Business Analytics” – in the three Days Online Faculty Development Programme on “Business Anchors” Organized by Department of MBA, St. Martin's Engineering College, Hyderabad on 30th May 2020
26. Shared “Artificial intelligence (AI) vs Machine learning VS Deep Learning – Discussion with Case Studies” - Organized by Thiagarajar College of Engineering, Madurai on 29th May 2020
27. Shared “An overview of Data Science - Career Path” - Organized by Saint Pious X Degree, PG and MBA College For Women Hyderabad on 23rd May 2020
28. Shared “Blaze a Trial in Data Science Project Journey” - Organized by St. Francis College For Women, Hyderabad on 20th May 2020
29. Shared “Machine Learning REGRESSION” – Organised by Anurag University and CSI Hyderabad chapter on 11th May 2020
30. Shared “QMS in Data Science” – Organized by HYDSPIN on 19th March 2020

**Workshops**

1. Resource Person for 7 day workshop on “Industry Standard Compliance in Software Engineering and Testing” organised by Institute of Aeronautical Engineering (IARE), Hyderabad from 11th March 2024 to 18th March 2024.
2. Resource Person for one day workshop on “Generative AI in virtual Reality” organised by Institute of Aeronautical Engineering (IARE), Hyderabad on 23rd December 2023
3. Chief guest and Resource person of One Day workshop on "Fundamentals of R Programming A Practical approach" in Vignana Bharati Institute of Technology (VBIT-Autonomous), Hyderabad on 6th December 2023.
4. Resource Person for “Machine Learning Techniques using Python Programming” for two days - 24th March and 25th March 2023 WORKSHOP organized by Department of Computer Science and Engineering, Methodist College of Engineering and Technology(Autonomous Institution),Hyderabad.
5. Shared knowledge sharing session in One Day Seminar on "Natural Language Processing - Hands on Using Python" on 4th November 2022, organized by Department of Computer Science and Engineering (AI & ML) Institute of Aeronautical Engineering (IARE),(Autonomous) Hyderabad
6. Resource person for "Machine Learning and its applications" organised by Megha Institute of Engineering and Technology for women(Autonomous) Hyderabad on 12th October 2023 ,on the occasion of Five Days ATAL-FDP Workshop.
7. As a Key Note address, Shared knowledge on "Natural Language Processing (NLP) – Machine Learning –Case Study " in One Week National Workshop on "Advances in NLP-Hands-on" Organized by Department of Computer Science and Engineering, Maturi Venkaa Subba Rao (MVSR) Engineering College, Hyderabad in collaboration with CSI and ISTE on 17th October 2022
8. As a Resource person for AICTE Sponsored programme on " Datascience-Mindblowing opportunities -A LEARNING PATH" (15th – 17th March, 2022) Organized by Department of Computer Science & Engineering Vignana Bharathi Institute of Technology, Hyderabad Telangana, India
9. .Delivered Knowledge Sharing session (27th February 2019) on “Integrating Artificial Intelligence in Accounting Systems “ to Faculty Development Program on “ Integrating Artificial Intelligence in Accounting Systems” Organized By Indian Accounting Association, Hyderabad Chapter and Department of Commerce, St. Anns College for Women, Mehdipatnam, Hyderabad.
10. Delivered Knowledge Sharing sessions (December 14th and 19th 2018) “ Research Opportunities in IOT using Data Science, Faculty Development Program(FDP - Refresher Course on “Internet of Things”, Sponsored by University Grants Commission- UGC-HUMAN RESOURCE DEVELOPMENT CENTRE Jawaharlal Nehru Technological University Hyderabad Kukatpally, Hyderabad - 500 085 Telangana State, INDIA.
11. Delivered a Invited lecture on “Telecom Analytics – An Overview “(5th September 2018.) in two Days Workshop On Recent Trends in Big Data Analytics, Organized by Department of Information Technology at CVR COLLEGE OF ENGINEERING, Ibrahimpatan (M) - 501510.Hyderabad
12. Delivered Lecture series in Indian Institute of Geomagnetism (IIG) ,Mumbai on “Data Science using R programming for Geophysical Problems” from April 12th and April 13th 2018.to Geophysical Scientists.
13. Delivered a lecture and workshop on “Applications of Business Analytics”, March 4, 2017, in National workshop on Contemporary Business Analytics Practices in Industries” in Department of Management and Commerce, Osmania University.
14. On the Occasion of Faculty Development Program on Python Programming in Aurora Degree and PG College, Hyderabad shared knowledge on the “Python Programming” on 16th September 2017 to Faculty members and the Research Scholars..
15. Delivered a lecture and workshop on “Machine Learning”, March 3, 2017, in National level technical symposium "Techvyuha 2017 in N.B.K.R Institute of Technology, Gudur, and Nellore Andhra Pradesh.
16. Invited Speaker for Three day workshop on “Python programming”, January 6-8, 2017, Department of Mathematics University College of Science Osmania University Hyderabad-07, Telangana
17. “SQL(Relational Data bases) and NOSQL Data Bases ” in – 2 Week DST Sponsored Faculty Development Program on Bigdata Analytics scheduled from 8th June 2016 to 18th June, 2016 ACE Engineering College,Ghatkesar Mandal, Ranga Reddy District, Telangana., India.
18. "Big Data Analytics Using R Programming" -3-Day Faculty Development Program(FDP) on Data analytics from October 24-27, 2016 in Nizam Institute of Engineering and Technology, Yadadri Telangana
19. “Data Science Basics” in – 2 Week DST Sponsored Faculty Development Program on Bigdata Analytics scheduled from 1st June 2016 to 10th June, 2016, Madanapalle Institute of Technology & Science, Madanapalle-Chittoor District, Andhra Pradesh, India
20. “MapReduce and Hadoop” in – 2 Week DST Sponsored Faculty Development Program on Bigdata Analytics scheduled from 26th April, 2016 to 6th May, 2016, K L University, Vaddeswaram, Andhra Pradesh, India
21. One Day workshop on Big Data Analytics on 3rd October 2015- Delivered two Knowledge sharing sessions on “Big Data & Need for Bigdata” & “Different Security Techniques for Big Data” at St. Martin's Engineering College, Hyderabad, Telangana
22. One Day Faculty Development Program on 'Research Methodologies & Preparation of Research Proposals” and also delivered a Lecture on “Big Data Research Problems” from 11th to 24th January 2015, conducted by CMR Group of Institutions, Department of Computer Sciences & Engineering, CMR Technical Campus Hyderabad, Telangana Convenor Workshops/Panel Discussions/Conference/Conventions/Round Table Conclave

**Invited Talks**

National Research Institutes:

1. Delivered a lecture on “Role of Emerging Technologies in Approaching the Contagious Diseases from a Geospatial perspective” as an EMINENT SPEAKER in Online conference “Approaching the Contagious diseases from a Geospatial Perspective”, Jointly Organized by K. Banerjee Centre of Atmospheric and Ocean Studies, University of Allahabad, Prayagraj, Wadia Institute of Himalayan Geology Dehradun,IGC for Human Ecology, Environment & Population Studies, Univ. of Rajasthan, Students for Holistic Development of Humanity (SHoDH) and Centre for Knowledge Sovereignty (CKS India) from August 26th and 27th 2020.
2. Presented a paper on “Earthquake early warning system by IOT” “in the Indian Geophysical Union, 54thAnnual Convention on “Recent Advances in Geophysics with Special Reference to Earthquake Seismology” December 4-7, 2017 at CSIR-NGRI (Organized Jointly by IGU & CSIR-NGRI).
3. Delivered a Invited lecture on “Changing the World through Data Science” on 20th November 2017, on the occasion of 64th The Institution of Electronics and Telecommunication Engineers (IETE) organized by The Institution of Engineers (Hyderabad).
4. Delivered a Invited lecture on “IOT Applications in Oil and Gas exploration and the Disaster Management” on the occasion of 33rd National Convention of Engineers Day – 51st Engineer’s Day Celebrations on the occasion of Electronics and Telecommunication Engineers (IETE) on the Theme” Recent Advances in IOT” organized by The Institution of Engineers (India) and Government of Telangana. (Page 58 to 61 in the Souvenir) at Visveswaraya Bhavan, Hyderabad on 29th November 2017.
5. On the Occasion of the Continuous Educational Enhancement course on “ IOT(Internet of Things) & its Application in Defence” in Research Centre Imarat (RCI) is a premiere [DRDO](https://en.wikipedia.org/wiki/DRDO) laboratory located in [Hyderabad](https://en.wikipedia.org/wiki/Hyderabad), shared knowledge on the “Application of Python Programming Data Analytics and IOT for Defence Application” on 7th September 2017.
6. On the Occasion of the Continuous Educational Enhancement Program in Research Centre Imarat (Premiere [DRDO](https://en.wikipedia.org/wiki/DRDO) laboratory) [Hyderabad](https://en.wikipedia.org/wiki/Hyderabad), shared knowledge on the “Supply chain analytics using R” on 26th July 2017.

University Engineering Colleges and Management Institutes

1. Guest Lecture on “Innovation with Startup for Business" organised by Department of Computer Science-Cyber Security, CMR engineering college, Kandlakoya, Medchal Rd, Hyderabad (Telangana ). On 18th February 2025.
2. Invited Talk on “Generative AI" organised by Techno Vision 2K25 event by Department of Computer Science Aditya Institute of Technology and Management(AITAM),Tekkali,Srikakulam District of Andhra Pradesh on 4th February 2025
3. Two day Workshop – Knowledge sharing session on “Concepts of Artificial Intelligence ,Machine Learning Deep Learning and Generative AI" organised by Department of Computer Science, Ramachandra College of Engineering (RCE)-Autonomous,Eluru-534007, West Godavari Dt., A.P from 28th January 2025 to 28th January 2025.
4. Guest Lecture on "Generative AI and Applications" organised by Department of Computer Science, Chaitanya Bharathi Institute of Technology, Hyderabad (Telangana ). On 24th January 2025.
5. Guest Lecture on " Business Analytics Ecosystem" organised by Department of Computer Science, Avanthi Degree and PG College, Barkatpura, Hyderabad. On 11th November 2024.
6. Guest Lecture on "From Data to Decision: Practical applications of Data Science" organised by Department of Computer Science, Vidya Jyothi Institute of Technology, Hyderabad. On 16th October 2024.
7. Resource person for " AI Augment Software Development-Software engineering" organised by organised by Department of Computer Science, Institute of Aeronautical Engineering (IARE), Hyderabad on 5th July 2024
8. Resource person for " Digital Manufacturing Frontier Exploring Opportunities for Smart Factories" organised by organised by Department of Mechanical Engineering, Institute of Aeronautical Engineering (IARE), Hyderabad on 19th March 2024
9. Resource person for " Optimization Techniques for Data Driven Decision Making" organised by Department of Data Science, Institute of Aeronautical Engineering (IARE), Hyderabad on 18th March 2024
10. Resource person for "Dive into Artificial Intelligence and Machine Learning -To Revolutionize Career Path" organised by Department of Computer Science, Bhavan's Vivekananda College of Science, Humanities and Commerce, Secunderabad on February 9th 2024
11. Resource person for " Mathematics in Machine Learning" on the occasion of 136th Birth Anniversary of the great Indian Mathematician Sri . Srinivasa Ramanujam organised by Andhra Mahila Sabha Arts and Science College for women (Autonomous) on January 25th 2024
12. Resource person for "ATAL FDP -An Intelligent Data Analysis for Recommendation System organised by Institute of Aeronautical Engineering (IARE), Hyderabad on 14th December 2023, on the occasion of Five Days ATAL-FDP Workshop
13. Resource person for "Implementation tools for generating Statistical consequences using Data Visualization techniques” organised by Department of Computer Science, Institute of Aeronautical Engineering (IARE), Hyderabad on 5th October 2023
14. Resource person on "Developing Creativity & Innovation among Students" Two week offline Refresher Course on Entrepreneurship Development Programme, UGC-HRDC, Osmania University, Hyderabad from 11th to 25th September 2023
15. Resource person on "Developing Creativity & Innovation among Students" Two week offline Refresher Course on Entrepreneurship Development Programme,UGC-HRDC, Osmania University, Hyderabad from 11th to 25th September 2023
16. Invited talk on “Data Science“ on 15th July 2023 "Data science and Statistics Learn about" one day workshop on the occasion of honouring Sri DR PC Mahalnobis being held in Hyderabad's Osmania University College of Engineering Assembly Hall by the Ministry of culture's Vijnana Bharati.
17. To Deliver a session on Recent developments in IOT related to agriculture sector as an Experts (from various reputed institutions and Industries) on , St. Peters Engineering College(UGC Autonomous),Hyderabad and Council of Scientific and Industrial Research Sponsored Three day National Seminar on "Challenges on Digital Agriculture" from 15th June 2023 to 17th June 2023 Organized by Department of Electronics and Communication Engineering(ECE
18. Guest Lecture on “Software engineering-Risk Management“ on 15th May 2023 organized by Department of Computer Science and Engineering -Data Science and Department of Computer Science and Engineering -Cyber Security, Sponsored by CMR Engineering College (UGC Autonomous)
19. Knowledge Sharing workshop Sessions on " R-Programming and Machine Learning using Python Programming" Organized by Avanthi Degree and PG College, Hyderabad.
20. Knowledge Sharing Session on " CYBER SECURITY- Securing Web Application, Services, and Servers - " on 21st April 2023 organized by Avanthi Degree and PG College,Hyderabad
21. Knowledge Sharing Session on " Welcome to the world of Cyber Security and Artificial Intelligence" on 18th Aplril 2023 organized by Sujatha Degree and PG College for Women,Hyderabad
22. Knowledge Sharing Session on " Emotional Intelligence in the Educational system " on 2nd Aplril 2023 organized by The Institute of Electronics and Telecommunication Engineers,Hyderabad
23. Shared knowledge sharing session as Guest Lecturer on " Data Science Vs Machine Learning " on 28th March 2023, organized by Department of Computer Science and Engineering, KG Reddy Engineering and Technology(Autonomous Institution),Hyderabad
24. Shared knowledge sharing session as Guest Lecturer on "Machine Learning -Industrial Applications " on 17th February 2023, organized by Data Science and Management(DSM), Sponsored by St Peter's Engineering College, Hyderabad.
25. Shared knowledge sharing session as Guest Lecturer on "Artificial Neural Networks " on 2nd February 2023, organized by Data Science and Management(DSM), Sponsored by St Peter's Engineering College, Hyderabad.
26. Shared knowledge sharing session as Guest Lecturer on "Recent trends in Data Science Applications using Machine learning Tools" on 28th January 2023, organized by CSE (AI&ML) and CSE(DS) Sponsored by SREYAS Institute of Engineering and Technology ((UGC Autonomous), Hyderabad.
27. Inaugurated the Data Vedhi. Club and Shared knowledge on "Recent Trends in Data Science applications using Machine Learning Techniques and Tools" Organized by Department of Computer Science and Engineering, Vignanana Bharati Institute of Technology(Autonomous),,Hyderabad on 31st October 2022
28. Shared knowledge sharing session as a Guest Lecture "On Applications of Artificial Intelligence in Image Processing" on 24th August 2022, Organized by Department of Artificial Intelligence and Machine Learning, Gokaraju Rangaraju Institute of Engineering and Technology(Autonomous).
29. Shared knowledge on “Intelligent Data Collection and Advanced storage Devices in Bio informatics" in CSIR Sponsored Three Days (August 25th-27 2022) - National Level Seminar on "Managing ,Analysing and Integrating big Data Analytics in Bio Informatics applications" Organised by Department of CSE and IT Organization ,Malla Reddy Institute of Engineering and Technology, Hyderabad.
30. Resource Person from CSI Hyderabad Chapter on “**How Emerging Technologies will Change Work and Society”**  organized by Department of Computer Science and Engineering – on the occasion of CSI Student chapter Inauguration on 1st July 2022, sponsored Shreyas Institute of Engineering and Technology(UGC Autonomous),Hyderabad.
31. Guest Lecture on “Software Testing Strategies“ on 9th May 2022 organized by Department of Computer Science and Engineering -Data Science and Department of Computer Science and Engineering -Cyber Security, Sponsored by CMR Engineering College (UGC Autonomous)
32. Guest Lecture on “Software Testing Strategies“ on 9th May 2022 organized by Department of Computer Science and Engineering -Data Science and Department of Computer Science and Engineering -Cyber Security, Sponsored by CMR Engineering College (UGC Autonomous)
33. Guest Lecture on “SOFTWARE ENGINEERING -FUTURE GROWTH “ on 7th February 2022 organized by Department of Computer Science and Engineering -Data Science and Department of Computer Science and Engineering -Cyber Security, Sponsored by CMR Engineering College (UGC Autonomous)
34. Speaker at WE Hub\_ Data Science, Government of Telangana ToT-Data Science "INNOVATION IS KEY" on 8th January 2022 in WE Hub HQ, Dr. B.R. Ambedkar Open University, Hyderabad
35. Guest Lecture on “A Roadmap to Data Science” on 4th October 2021 organized by Department of Computer Science and Engineering -Data Science and Department of Computer Science and Engineering -Cyber Security, Sponsored by CMR Engineering College (UGC Autonomous)
36. As a Resource person for AICTE Sponsored one-week short term training programme on "DATA SCIENCES" (14th – 19th December, 2020) Organized by Department of Computer Science & Engineering Siddhartha Institute of Engineering & Technology, Ibrahimpatnam, Telangana, India – 501506
37. As a Resource person for UGC sponsored online short term course on “DEEP LEARNING” (14th – 19th September, 2020) Organized by UGC–Human Resource Development Centre, Jawaharlal Nehru Technological University(JNTU), Hyderabad, T.S
38. Delivering an online guest lecture on "Components of Data Science - Learning Approach" (3rd Sept 2020) for the Final Year Degree Computer Science students
39. Guest Talk - Dept. of Statistics “Role of Statistics in Data Science” St. Pious Degree & P.G. College for Women, Hyderabad scheduled on 13th March, 2020
40. FDP Sessions on “Research Paper publication” in the Department of Business Management, A.VP.G. Centre, Gaganmahal is organizing FDP on “Writing research Articles in Hi- indexed Journals” , scheduled on Jan 25th,2020.
41. Delivered Knowledge Sharing session on “ Artificial Intelligence – Future Trends” on 19th October 2019 on the occasion of 16th year of celebration of Datawise Analytics Company, Hyderabad Venue at The Bleu Basil, Lumbini Jewel Mall, Banjara Hills, Hyderabad.
42. Delivered Knowledge Sharing session on “ HR Analytics, Faculty Development Program(FDP)” on 29th August 2019 Sponsored by Andhra Mahila Sabha(AMS) in collaboration with Hyderabad Management Association, Hyderabad, Telangana State, INDIA.
43. Invited Lecture on “Artificial Intelligence” – 21st August 2019” Organized by the Sujatha Degree College, Chappel Road Hyderabad.
44. Chief Guest and Keynote speaker for the Inauguration function of National Workshop Titled “Data Science Using R Programming - 22nd July 27th July 2019” Organized by the Department of Electronics and Computer Engineering (ECM) Sreenidhi Institute of Science and Technology (An Autonomous Institution), Hyderabad.
45. Delivered Knowledge Sharing session (26th February 2019) on “Mathematics in Data Science “in Two Day National Seminar on “"RECENT ADVANCES AND APPLICATIONS IN MATHEMATICS (NCRAAM - 2019)" Organized By Department of Mathematics, University College of Science, Osmania University, Hyderabad–500007, Telangana
46. Delivered Knowledge Sharing session (23rd February 2019) on “Impact of Big data Analytics on Banking Sector “in Two Day National Seminar on “Innovations and Challenges in Banking” Organized By AMS School of Informatics, Hyderabad - 500 085 Telangana State, INDIA.
47. Delivered a Invited lecture on “Digital Transformation – a holistic approach(A Review) on the occasion of Engineers Day – 51st Engineer’s Day Celebrations on the Theme ” Digital Transformation: A new Revolution” on September 15 2018, organized by The Institution of Engineers(Hyderabad) and Government of Telangana. (Page 1 to 4 in the Souvenir)
48. Delivered a Invited lecture on “Trends and Future of Big Data Analytics and Management” at Badruka college of Commerce and Arts (Collaboration with Hyderabad Management Association and Dhanwantri Institute of Science and Technology) ,Hyderabad ,10 August 2018.
49. Delivered a Invited lecture on “Data Science Career Path” Sreenidhi Institute of Science and Technology , Hyderabad, Telangana, 21st March 2018.
50. Delivered a Invited lecture on “Data Science Career Path” Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad on 15th March 2018.
51. On the Occasion of National conference on “Business Data Analytics, Management and Innovation” BAMI 2018 in St, Anns College for Women, Mehdipatnam,Hyderabad Delivered Lecture on “Data Analytics” on 23rd February 2018.
52. Delivered a lecture in Pre-conference Tutorial on “Predictive Modelling Using Regression Model” on the Occasion of 5th International Conference on Innovations in Computer Science and Engineering (ICICSE-2017) organized by Gurunanak Institutions, Ibrahimpatnam, Hyderabad on 6th August 2017.
53. Delivered key note address on "Data Science Using Python and R” at Chaitanya Bharati Institute of Technology (CBIT) Hyderabad on 20th March, 2017, during the one week (March 20th to 25th 2017) National Level Faculty Development Program on “Data analytics Using R”.
54. Delivered key note address on "Application of Spatial Analytics” at Centre of Exploration of Geophysics, Osmania University, on 16th March, 2017, during the Two Day (March 16th to 17th 2017) Seminar on “Role of Geophysics in Earth and Environmental Studies –Special Emphasis on Mineral Exploration”.
55. Chaired the Seminar on “Role of Geophysics in Earth and Environmental Studies –Special Emphasis on Mineral Exploration”. at Centre of Exploration of Geophysics, Osmania University, on 16th March, 2017, during the Two Day (March 16th to 17th 2017) Seminar
56. Invited Speaker on “Application of Learning Analytics-FOSS” in “National Conference Recent Trends in Engineering Education and Significance of Free Open Source Software(FOSS)” ,, December 15-17, 2016, KG Reddy College of Engineering & Technology (KGRCET), JNT University, Hyderabad
57. "How Big Data & Data Analytics is useful in E-Learning" - 1-Day National Workshop on E-Learning and Multimodal Learning Analytics on October 25, 2016 in JNTU, Hyderabad organized by C-DAC Hyderabad in association with IIT Hyderabad and JNTU Hyderabad.
58. “Thoughts on Tech Trends for 2016” on (20th August 2016) Second National Organized by C-DAC Hyderabad in association with IIT Hyderabad and JNTU Hyderabad - Conference on Technical Advancements in Computer Science and Engineering (ICTACSE-2016) scheduled from 19th Aug 2016 and 20th Aug 2016, Mallareddy Engineering College for Women, JNT University Hyderabad.
59. “Overview of Big Data Analytics” in Avanthi Engineering Colleges during the National Seminar - TECH-Resonance - 2K16, April 2nd and 4th 2016 -Hyderabad, Telangana, India
60. “Analytics in Effective Supply-Chain Management” in Department of Science & Technology (DST) sponsored National Conference on ‘Big Data & Its Applications’ (NCBDA 2016) on 18th & 19th March 2016 K L University, Vaddeswaram, Andhra Pradesh, India
61. “Supply Chain Analytics -Drive Measurable Business Impact” in National Conference on Business Analytics: Insights, Applications & Opportunities, 12th December 2015, GITAM School of Internal Business (GSIB), GITAM University, Vizag, Andhra Pradesh, India
62. “Supply Chain Analytics” and Steering Committee Members for National Conference on Big Data Analytics & Cloud Computing during 29th to 31st December 2015 Osmania University, Hyderabad, Telangana, India
63. “Best Practices in BC management & its cost savings” Conducted by HYDSPIN sponsored conference on Quality-A Value add to business on 19th September, 2009 (Saturday),  KamatLingapore Hotel, Begumpet, Hyderabad, Telangana, India
64. Delivered an Invited Talk on:“Build Analytics Capability in the Country” conducted by Vishwa Vishwani School of Business (<http://www.vishwavishwani.ac.in/>), Hyderabad on 21 July 2015 in Hindi Maha Vidyalaya, Hyderabad, Telangana
65. “Analysts View of Big Data” to Vignan's Nirula Institute of Technology & Science for Women (<http://www.vignannirula.org/>) on 6th April 2015 in Pedapalakaluru, Guntur, Andhra Pradesh, India
66. “Big Data and its future” during the Seminar “ERA meet” conducted by Sampoorna Computer People on 27th March 2015 at Hyderabad, Telangana, India
67. “Big Data Analytics” conducted by Vishwa Vishwani School of Business (<http://www.vishwavishwani.ac.in/>),, Hyderabad on 23rd May 2015 in Vijayawada, Andhra Pradesh, India
68. “Software Engineering” for Diploma in Advanced Computing (PG-DAC) students conducted by Centre for Development of Advance Computing (CDAC), Hyderabad in the month of March 2015.
69. “Big Data Technologies & Applications” on 25th February2015 to the Matrusri Engineering College, Hyderabad. ` Hyderabad, Telangana, India
70. “Big Data Management, Technologies and Applications” to the Guru Nanak Institutions Technical Campus (GNITC) on 11th Novembers 2014 Hyderabad, Telangana
71. “ISO/ITL &IT infrastructure” during the workshop Information Technology on Knowledge System on10th Dec 2013 conducted by Defence Electronics Research Lab (DLRL) Hyderabad, Telangana
72. “Regulatory Compliant Cloud Computing” National workshop on ‘Current Trends on Cloud Security’ and Technical Fest 30th &31st March, 2013 conducted by M.Sc. Computer Science, Department of Mathematics, University College of Science, Osmania University, Hyderabad-500 007, Telangana
73. “Little q and Big Q” on 19 Sep 2008 (Friday) in Hotel Dee Cee Manor, “ATITHEYI” Hall at T Nagar conducted by SPIN Chennai (Industry networking), Chennai, Tamil Nadu
74. “Business Analytics” (Big Data Knowledge Sharing Session) on 6-Nov-15 to MBA students of Master of Business Administration Conducted by MVSR Engineering College, Hyderabad - 501 510 <http://www.mvsrec.edu.in/>
75. “Role of Quality Professional - Big Data Analytics (BDA)” (Big Data Knowledge Sharing Session) on 18-June-15 Conducted by HYDSPIN at Global Headquarters, InfoTech Enterprises Ltd, Info city, Madhapur Hyderabad 50008, Telangana
76. Steering Committee Member - National Conference on Big Data Analytics & Cloud Computing, 29-31 December 2015, Department of CSE, University College of Engineering, Osmania University, Hyderabad-007.
77. Conference Speaker for National Conference on “Business Analytics: Insights, Applications & Opportunities” December 12th, 2015 –Gitam School of International Business, Vizag
78. The Committee on Information Technology (CIT) of ICAI has been established by Institute of Chartered Accountants of India has invited me as an expert speaker in ICAI National Convention on Information Technology on 19th December 2015 at Baroda Greetings from the Committee on Information Technology to talk on “Big data and predictive analysis-  Overview Challenges and Technology”
79. Two Day National Level Faculty Development Program –Research Insights in Cloud and Big Data 19th and 20th September-2015 Delivered two Knowledge sharing sessions on “Research Opportunities in Big Data and SQL Databases for Bigdata at Kakatiya Institute of Technology and Science(KITS),
80. Guest Speaker for Panel discussion on “" Information Security in Application & Infrastructure Management - Challenges and Solutions “in the HYDSPIN <http://www.hydspin.org/> Conference on “Business Excellence in Emerging Areas of ITS” held in Taj Banjara, Hyderabad, Telangana

**Guide for Academic Projects**

1. Supervised and guided the project on “My University Bot” Submitted (May/June 2017) by Gampala Sri Vasa Sai Subrahmanyam Nikhith Sannidhi (Engineering Students) to Sastra University, Thanjavur 613401
2. Supervised and guided the projects on Training Manager –Ozone and Ozone –Faculty Zone an Intranet Product development using Java and MS SQL under Linux and Windows NT from the Shah and Anchor Kutchhi Engineering College and Sardar Patel College of Engineering, University of Mumbai.
3. Designed and Developed an Admission Data Processing Project in Post Graduate Diploma in Computer Applications (PGDCA) Osmania university and submitted to Andhra Pradesh Open University using COBOL Language under PSIX System,(PGDCA Project)

**Research Contributions**

1. **Seminars:**
2. Participated and Presented in the AEG seminar on Exploration held in the month of February 6-10, 1995 on “Imaging of Sub-Trappe an Sedimentary strata lying below the flood basalts employing 2-D inversion of MT data”; Verma SK and Venkataramana, D.
3. Participated and Presented in 31st Annual Indian Geophysical Union held at National Geophysical Research Institute, Hyderabad in the month of December 20-22, 1994; On “Construction of the apparent resistivity curves for the large loop TEM systems” ;Verma SK and Venkataramana, D.
4. Participated and Presented in the 30th Annual Indian Geophysical Union held at National Geophysical Research Institute, Hyderabad in the month of December 20-22,1994 ;on “Application of Geophysical Imaging Software (GPIS) in the mapping of subsurface structures”; Venkataramana D, Verma S.K. and Karunakar Rao M.
5. Participated and Presented in the First International Seminar and Exhibition on Exploration Geophysics in Nineteen Nineties, held at Hyderabad in the month of November 25-30, 1991 on “Interpretation of TEM Sounding data obtained by EM-37 and EM-47 systems” by Verma SK and Venkataramana, D.
6. Participated and Presents a paper in the Sixteenth Annual Convention of AEG Seminar at Wadia Institute of Himalayan Geology, Dehradun, U.P., from Dec 5-7, 1990 on “Appropriate Definition of Apparent Resistivity in the interpretation of Deep TEM data”; Venkataramana D and Verma SK.
7. An Abstract was published in the National Seminar on Geophysics in National Development at Banaras Hindu University, Varanasi, U.P. from August 29-31, 1990 “on A Review of DTEM method and its possible application in India”; Venkataramana D.
8. Presented a paper at the Seventy third session of Indian Science Congress, New Delhi,1987 on “On Variations of longitudinal wave velocities in Porus Rocks with Saturation”; Ramraj Mathur, Venkataramana, D and Sridhar Murthy ,Y.
9. **Research Papers**
10. Verma S K and Venkataramana D.,1991:Interpretation of TEM Sounding data obtained by EM-37 and EM-47 systems, First International Seminar and Exhibition on ‘Exploration Geophysics in Nineteen Nineties’, Hyderabad, November , 25-30,Extended Abstract, Vol. 11,PP.831-834.
11. Venkataramana, D. ,Verma ,S.K. and Karunakar Rao, M., 1993; Application of Geophysical Imaging Software(GPIS) in the mapping if Subsurface structures, Proceedings of the 30th Annual Convention and Seminar on ‘Space Application in Earth Science’ Conducted by Indian Geophysical Union, Hyderabad, between 21-23 December 2013. PP.31-38.
12. Verma, S.K. and Venkataramana,D.,1994; Construction of the apparent resistivity curves for the large loop TEM systems, 31st Annual Convention and Seminar on Geosciences for Energy and Environment, conducted by Indian Geophysical Union, Hyderabad, held between 20-22 December 1994. Extended Abstracts, PP.88-91.
13. Verma, S.K. and Venkataramana, D., 1993. Joint use of Shallow VES and Large Loop TEM Data to interpret TEM Sounding, Journal Bollettino di Geofisica, Italy.,1995
14. Verma, S.K. and Venkataramana, D., 1995. Conductivity Imaging using 1-D and 2-D inversion of MT data, Journal of Geophysics, Jul 1997, Vol .XVIII No.3 PP23 to 30..
15. **Technical Reports:**
16. Prasad, S N., Venkataramana, D and Verma, S.K.,1989; Long offset transient E.M experiment in Saurashtra region-critical assessment(NGRI Technical Report No. NGRI-89.EXP-71) Submitted to National Geophysical Research Institute, Hyderabad.
17. Verma S.K., et all., 1989; Helicopter-Borne Magnetic Survey between Schirmacher Oasis and the Wolthat Mountains Dronning Maud land Antarctica submitted to Department of Ocean Development , New Delhi, India
18. Rangarao, K.V., Murali S.,Narender,B. and Venkataramana,D.,1988: Hydrogeological and Geophysical Investigations for Environment Impact studies in Rowghat Area(M.P.) Submitted to the Engineer’s India Limited, New Delhi.
19. **Dissertation/Thesis:**
20. Venkataramana, D. , 1985. Effect of Saturant (Kerosene) on P-wave Velocities in Vesicular Basalts, Dissertation, M.Sc (Tech), Osmania University.
21. Venkataramana, D., 1988. Admission Data –Processing into Degree courses for Andhra Pradesh Open University, using COBOL language, Dissertation, Post Graduate Diploma in computer applications (PGDCA), Osmania University.

* Venkataramana, D, 1993: Subsurface Conductivity Imaging Using MT and TEM Data, thesis, Ph.D., Osmania University.

**CORPORATE Contributions**

**Key Accomplishments**

* TOP 100 Global Educational Leaders - Award conducted by Mc. Stem Eduversity,INDIA
* Exemplary expertise in Offshore and Onsite Delivery Management, Data Management, and Process Management, evidenced by the successful delivery of numerous large-scale, complex projects through a global delivery model. Renowned for consistently achieving high customer satisfaction ratings and driving profitability.
* Possessed strong knowledge of Python and R Programming, Machine learning, Artificial Intelligence and also Business Analytics for different Verticals
* Mentor for Machine Learning Projects for students from IIT CSE , Mumbai, Mahatma Gandhi Mission, Nanded, Acharya Institute of Technology, Bangalore and Telangana Engineering Colleges
* Identify skill gaps at an individual and organizational need, Road map for future need technologies
* Contributed in all phases of the development life-cycle of the students and training a dynamic team of Corporate Employees and the students.
* Delivered Key note sessions, Talks, Lectures, Knowledge sharing, Mentor and conducted training workshops at leading Universities, Business Schools and Engineering colleges in the area of Data Science and its applications.
* Strong in Quality Process Design, Compliance and Implementation
* Won several appreciations and recognition for turning around engagements that were in jeopardy.
* Improved return on investment and reduced total cost of ownership of the BSS solution delivered to a leading telecom operator in Thailand by providing post production support services resulting in improved customer satisfaction.

**IT Industry Experience in DEVELOPMENT**

* With over 20 years of expertise spanning Project/Delivery Management, Software Development, Testing, Process Management, and Content Writing, I have consistently led, implemented, and deployed projects in alignment with the CMMi Model, ensuring success at every stage.
* Proficient in both Onshore and Offshore Account Operations and Delivery management, with a track record of executing ERP SAP Support Projects using an ITIL Support Model and adhering to the CMMi 1.3 Model standards.
* Led the management, design, and implementation of Telecommunications and ERP Application development and support team in accordance with CMMi processes. Extensive expertise in overseeing large-scale engagements.
* Demonstrated proficiency in managing schedules and timelines, ensuring adherence to project roadmaps with long-term delivery forecasts. Maintained consistently high customer satisfaction ratings that align with company expectations.

**IT Industry Experience in SERVICES**

* Engaged in 15 years of Support projects across Telecom, Beverages, and Retail sectors, with hands-on involvement in CMMi implementation for services, incorporating ITIL processes. Offered leadership as a subject matter expert in hosting issues, client and staff logins, and overall upgrades/maintenance of Process management systems. Possessing 20 years of experience in process improvement, with certifications as a trained CMMI associate, ISMS Lead Auditor, and ITIL consultant. Instrumental in implementing these requirements within projects to ensure the delivery of high-quality outcomes. Showcased adeptness in orchestrating end-to-end engagements spanning various cultures, company sizes, and business landscapes, seamlessly navigating diverse organizational frameworks. Pioneered the development and guidance of multiple clients in establishing business-centric Quality Management Systems, integrating SDLC and Project Management in alignment with CMMI model standards. Played a proactive role as an Appraisal Team Member (ATM) in numerous SCAMPI CMMI Ver 1.2/1.3 and 2.0 Class A Appraisals, alongside Benchmark Appraisals. Boasts extensive expertise in Multi-Model CMMI Appraisals, culminating in Level 3

**CMMi CMMI® for Services, Version 2.0 and 3.0 and CMMI® for Development, Version 2.0 and 3.0 (On-Going)**

* [SCAMPI A](http://www.broadswordsolutions.com/home/cmmi-lead-appraiser) - Appraisal Team Member (ATM) for various organizations with Multi model implementation for different countries
* Played the role of Appraisal Team Member (ATM) for Twenty(20) CMMi V3.0 Appraisal
* Played the role of Appraisal Team Member (ATM) for Thirty (30) CMMi V2.0 Appraisal
* Played the role of Appraisal Team Member (ATM) for Eight (8) CMMi V1.3 Apprai**sal**
* **Quality Consultancy** 
  + - Defined and developed a Process methodology for Product development companies using CMMI Level5 methodologies. This helps in improving the quality of the software Product developed with minimal defects adhering to their respective Internal Quality models.
    - Developed a Metrics Operational Definition Document for the CMMI Process Consultancy to benchmark the results of the quality models implemented in product developments.
    - Defined and Implemented the Quality process for Information Technology Outsourcing Project, which helped in improving the Quality of all deliverables.
    - Prepared various Templates and checklist for Project Plan, Quality Plan, Configuration Plan, Risk Analysis, Mitigation Plan, Backup and Recovery Plan etc. all complying to CMMI level 5 standards.

**Experience in Management**

With 25 years of onshore and offshore management expertise, I've consistently aligned team operations with top-level directives. My collaborative approach has fostered strong partnerships with both clients and internal executives, showcasing exceptional people management skills.

**EMERGING Technology Project/Delivery management**

1. **Log Analytics and Python-based Robotic Process Automation (RPA)**

Led a pioneering project for esteemed client GE, focusing on a Case Study of Log Analytics and Python-based Robotic Process Automation (RPA). Additionally, played a pivotal role in the implementation of CMMi 1.3 standards.

**Problem Statement:**

A leading global organization managing approximately 120 AWS servers faced challenges in anticipating server downtime, impacting business operations. The objective was to devise a solution that could predict potential server failures in advance.

**Solution:**

Supervised the development of a cutting-edge time-series predictive algorithm utilizing historical server syslogs to gauge future server load. Implemented a watchdog scheduler to continuously monitor server health, triggering alerts if deviations from expected thresholds were detected. This proactive approach prevented potential server downtime, ensuring uninterrupted business

1. **Python based Robotic process automation (or RPA)**

**Problem Statement:**

A renowned NABL (National Accreditation Board for Testing and Calibration Laboratories) certified energy lab is tasked with collecting weekly data from a power grid and conducting calculations on it. The data comprises power generation per second at the grid level, and engineers are required to generate reports in accordance with IEEE standards.

The dataset, totaling approximately 400-500 MB, consists of 250,000 records spanning 430 parameters. Performing computations manually, particularly Voltage Harmonic Calculations (VHC) and Current Harmonic Calculations (IHC), is labor-intensive and typically consumes around forty man-hours per week.

As demand from existing and new customers grows, manual report generation has become a bottleneck, hindering timely delivery and impeding business operations.

**Solution:**

Our team has proposed an automation solution utilizing Python to address these challenges, drastically reducing manual effort. The solution offers several key benefits:

**Significant Time Savings**: The automation reduces the time required for calculations from 40 hours per week to a mere 25 seconds.

**Zero Infrastructure Investment**: The client incurs no additional infrastructure costs.

**Instant Data Computations**: Calculations are performed instantly, enhancing efficiency.

**Elimination of Human Errors**: Automation minimizes the risk of errors associated with manual data processing.

**Elimination of Data Redundancy**: The automated solution ensures data accuracy and integrity.

**Enhanced Customer Satisfaction**: Timely delivery of reports improves customer satisfaction.

**Exponential Increase in Business Productivity**: By streamlining operations, the solution enables a significant boost in overall productivity.