

Aarti Milind Karande Ph.D. (Computer Engg.)

Bharatiya Vidya Bhavan's Sardar Patel Institute of Technology,
Munshi Nagar, Andheri (West), Mumbai 400 058

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Curriculum Vitae

Professional Experience

1. Assistant Professor, Bharatiya Vidya Bhavans Sardar Patel Institute of Technology, July'11 till present
2. Lecturer, Royal College of Arts, Commerce & Science, Mira Road, Jan'07 till June'09
3. Lecturer, Pravin Rohidas Patil, Polytechnic, Bhayandar, Jan'06 till Sep'06
4. Lecturer, Swami Vivekanand Junior College, Chembur, June'04 till Dec'05
5. Lecturer, Swami Vivekanand Education Society's Diploma College, Chembur, Aug'02 – Jan'03

Responsibilities Handled

1. Chair Poster Presentation TENSYP 2022, Flagship conference IEEE Bombay Section
2. Organizing committee TENSYP 2022, Flagship conference IEEE Bombay Section
3. Chair SIGHT IEEE Bombay Section 2020 – 21 and 2021-22
4. Member, WIE IEEE Bombay Section 2020 – 21 and 2021-22
5. Member EXECOM IEEE Bombay Section 2020 – 21 and 2021-22
6. Webmaster for ICCICT 2021
7. Coordinator for Research Colloquium ICCICT 2021
8. Data Science Track coordinator for ICCICT 2021
9. Coordinator for Research Colloquium ICCICT 2019
10. Senior IEEE Member
11. Co-Chair JUNO ERP package installation for SPIT
12. IIC MHRD S.P.I.T. Convener from 2019 till date
13. Nodal officer for ARIIA – MHRD from 2018 till date
14. College Women In Engineering Student Branch Coordinator
15. College to Corporate Program Coordinator for Industry JPMC
16. Research and Development Dept. Coordinator
17. Industry Relation Dept Coordinator
18. Worked on three project for Product Development Center
 - a. Research paper repository webportal
 - b. Women In Engineering database driven webportal
 - c. Best Student selection repository webportal

- d. Helped in IIC webportal
- 19. Worked as Training and Placement Dept Coordinator
- 20. Worked as Dept. Exam Coordinator
- 21. Worked as Class Teacher for FYMCA, SYMCA and TYMCA
- 22. Worked as CAP coordinator for MCA

Subject Expertise:

1. Artificial Intelligence
2. Soft Computing
3. Machine Learning
4. Deep Learning
5. Data Science
6. Core and Adv. JAVA, OOPs
7. Data Mining and Business Intelligence
8. Advanced Database Management
9. SOA
10. Software Engineering
11. Enterprise Architecture

Education

1. Ph.D Technology (Computer Engineering) from S.P.I.T. University of Mumbai.
Research Title: "Modeling Software Solution leveraging soft computing techniques to improve business process agility" March 2019
2. M.TECH, (Computer Engineering) Project Domain - Service Oriented Architecture, V.J.T.I, Matunga, Mumbai University, May'11
3. Qualified GATE 2009, GATE 2014
4. B.E (Computer Engineering), Shah & Anchor College, Mumbai University, Jun'01
5. H.S.C, Ruparel College, Mumbai University, Mar'97
6. S.S.C, D.S. High School, Mumbai University, Mar'94

Professional Certification

1. Agile Foundation certified APMG 3 May 2016
2. COBIT 5 Certification on 31st May 2019

International

Publications:-

1. Mrs. Aarti M. Karande, Prof. Vaibhav N. Chuneekar, Dr. B.B. Meshram "Working of Web services using BPEL workflow in SOA", International Conference on Advances in Computing, Communication & Control' 2011 (Springer Link), Father Conceicao College of Engineering Bandra, Mumbai, 28-29th January 2011 DOI: 10.1007/978-3-642-18440-6_18
2. Mrs. Aarti M. Karande, Prof. V.N. Chuneekar, Dr. B.B. Meshram, "Intelligent database for the SOA using BPEL", International Conference on Communication,

- Computing & Security (ICCCS2011), ACM New York, NY, USA©2011, ODISHA, India, 12-14, Feb'11 ISBN: 978-1-4503-0464-1
3. Mrs. Aarti M. Karande, Dr. D. R. Kalbande , "Web Service selection based on QoS using TModel working on Feed forward network" ICICT 2014, IEEE Krishna Institute of Engineering and Technology, Ghaziabad, INDIA DOI: 10.1109/ICICT.2014.6781247
 4. Mrs. Aarti M. Karande, Dr. D.R. Kalbande "Business Process Analyzed factors affecting Business Model Innovation" Fr C Rodrigues Institute of Technology, Vashi 2015 International Conference on Nascent Technologies in the Engineering Field (ICNTE) DOI: 10.1109/ICNTE.2015.7029933
 5. Mrs. Aarti M. Karande, Dr. D.R. Kalbande "Selection of optimal services working on SCM strategies using Fuzzy decision making methods" 2nd IEEE International Conference on Computational Intelligence & Communication Technology (IEEE CICT-2016) Ghaziabad India
 6. Dr. Aarti Karande Dr. D. R. Kalbande Solving enterprise solution complexity in SCM domain through Business process agility at 7th IEEE international advances computing conference hosted by Vallurupalli Nageswara rao Vignana jyothi Institute of Engineering and Technology Hyderabad on 5th – 7th Jan 2017
 7. Dr. Aarti Karande Dr. D. R. Kalbande SCM Enterprise solution using Soft Computing Techniques SoCTA2018 Soft Computing: Theories and Applications 21 – 23 December 2018 | Dr. B R Ambedkar NIT Jalandhar | Punjab | INDIA
 8. Dr. Aarti Karande Dr. D. R. Kalbande Dr. Avinash Sharma Agility of SCM solution using Neural- Fuzzy approach RTCAIT, Maharishi Markandeshwar (Deemed to be University), Mullana, Ambala 19-20 April 2019
 9. Dr. Aarti Karande Dr. D. R. Kalbande, Prof. Prachi Dalvi Emotion Identification using CNN based Transfer Learning" D.J Sanghvi Engg. College Mumbai DJICTACTA 2020 28th 29th Feb. 2020
 10. Dr. Aarti Karande Vinit Mapri Anurag Narkhede IOT smart Locker International conference on cybernetics cognition, and machine learning applications 29-30th Aug 2020 GOA India
 11. Dr. Aarti Karande, Chinmayi Rane, Amol Lashkare Image Captioning based Smart Navigation System for Visually Impaired ICCICT 2021 International Conference on Communication, Information and Computing Technology (ICICT) International Sardar Patel Institute of Technology IEEE 25-27 June 2021
 12. Dalvi, Prachi and Karande, Aarti and Santosh Ojha, Suyash and Ravindra Wadekar, Omkar, IoT-based water distribution monitoring system. Proceedings of the International Conference on IoT Based Control Networks & Intelligent Systems - ICICNIS 2021, St. John College of Engg and Technology palai, Elsevier SSRN: <https://ssrn.com/abstract=3882439> or <http://dx.doi.org/10.2139/ssrn.3882439> July 8, 2021
 13. Dr. Aarti Karande, Mr. Arnav Ekapure Generic recommendation system based on web usage mining concept RAMMML 2022 International conference on Recent advances in Materials, Manufacturing and Machine Learning, Department of mechanical engineering, Yashwantrao Chavan college of engineering Nagpur,

Springer April 26-27, 2022

14. Dr. Aarti Karande Bhargao Rao Friend recommendation using transfer learning in the autoencoder International Conference on Data Science and Artificial Intelligence (ICDSAI - 2022) 23 - 24 APRIL 2022 Springer
15. Dr. Aarti Karande Ms. Snehal Gadge Study of Different Types of Evaluation Methods in Classification and Regression The IEEE Region 10 Symposium (TENSYP 2022) 1st July – 3rd July 2022 organized by the IEEE REGION 10 (Asia Pacific)
16. Dr. Aarti Karande Dr. Padmaja Joshi Common quality measures for Enterprise Architecture 22nd International Conference on Computational Science and Its Applications (ICCSA 2022) from 4th july- 7th july 2022
17. Dr. Aarti Karande Prachi Dalvi Explainable Approach for Species Identification using LIME IBSSC 2022
- 18.

National

Publications:-

1. Mrs. Aarti M. Karande, “K- nearest Algorithms for Image Retrieval”, Second National Conference On Advanced Computing, National Conference, (NCAC 10), Coimbatore, December ’2010
2. Mrs. Aarti M. Karande, Prof. Rajesh Patkar, “Dynamic integration of data using SOA”, Interface2010, National Conference, V.J.T.I., 15-18 December’2010

Journal

Papers:-

1. Mrs. Aarti Karande, Milind Karande and B.B. Meshram “Choreography and Orchestration using Business Process Execution Language for SOA with Web Services”, (March’11) IJCSI International Journal of Computer Science Issues, ISSN (Online): 1694-0814 Vol. 8, Issue 2, Mauritius, impact factor 0.121
2. DipenValani, T.M. Bansod, Mrs. Aarti Karande, “Secure SOA Web Service”, (January ’2011) International Journal of knowledge and research in management and e-commerce, ISSN-2231-0039 Vol 1, No 1 (2011) , Rohtak,
3. Mrs. Aarti M. Karande, Prof. V.N. Chunekar, Dr. B.B. Meshram ,”Working of Web services using SOA”, International Journal of Advanced research in Computer Science, Nov-Dec 2010 Vol. 1 issue 4 ISSN 0976 – 5697, Mandsaur (M.P.)
4. Mrs. Aarti Karande, Dr. D. R. Kalbande Soft Computing Approach for Measuring Business Process Agility in an Agile Environment (June 2017) International Journal of Computer Applications (0975 – 8887) Volume 168 Number 11, Paper Reference ID: 2017914534 Publication Month: ISBN: 973-93-80896-69-1 DOI: 10.5120/ijca2017914534
5. Mrs. Aarti Karande, Dr. D. R. Kalbande Agile Parameter Affecting Supply Chain Management Strategy (Dec. 2017) International Journal of Supply Chain Management ISSN: 2050-7399 (Online), 2051-3771 (Print) CiteScore: 0.46 SJR: 0.209 SNIP: 0.529 H6 Index Publication Month: Vol 6, No 4)

6. Mrs. Aarti Karande, Dr. D. R. Kalbande Weight Assignment Algorithms for Designing Fully Connected Neural Network (2018) International Journal of Intelligent Systems and Applications (IJISA) Open Access ISSN: 2074-904X (Print), ISSN: 2074-9058 (Online) 68-76 Published Online June MECS DOI:10.5815/ijisa.2018.06.08 h5-index 0.743.
7. Mrs. Aarti Karande, Dr. D. R. Kalbande Selection of Enterprise Architecture Based on Agile Parameter For SCM based case study, (2016) Scholedge International Journal of Business Policy & Governance ISSN 2394-3351 MIAR ICDS Rank: 5.3 DOI: <http://dx.doi.org/10.19085/journal.sijbpg040501>
8. Sharma, Avinash, Karande, Aarti, Kalbande, Dhananjay. (2019). Agility of Supply Chain Management Solution Using Neural-Fuzzy Approach. Journal of Computational and Theoretical Nanoscience. 16. 4143-4148. 10.1166/jctn.2019.8493. Oct 2019 Printed in the United States of America
9. Aarti Karande, Prachi Dalvi, Harshal Dalvi, Milind Karande The Need of Explainability to Enhance the Trustworthiness of Decision-Making System High Technology Letters, July 2022, ISSN NO: 1006-6748 Scientific Journal Impact Factor – 2.7 Volume 28, Issue 7, JULY 2022. <https://doi.org/10.37896/HTL28.07/6190>
10. Neil Khanolkar, Ajinkya Sathe, Ketaki Shinde, Aarti M. Karande Mood Detection using Sentiment Analysis International Journal of Computer Applications Foundation of Computer Science (FCS), NY, USA Volume 184 - Number 26 (2022) DOI: 10.5120/ijca2022922316

Book Chapter Publication

Dr. Aarti M. Karande and Dr. Padmaja Joshi

Title: Multi Criteria Decision management for Software vulnerabilities analysis

Paper id-09

book title “Multi-Criteria Decision Models in Software Reliability: Methods and Applications”, *CRC Press, Taylor & Francis Group, USA.*

Project Undertaken

1. Principal Investigator for IoT basec water distribution monitoring system sponsored by UoM for Rs. 55000/- for year 2019 20

Consultancy

2. Project Coordinator Smartly Built “Design and Thinking” For year 2019 -20 Cost 60000

Patent 1: Theoretical concept of "business process framework in an enterprise architecture as per the architectural level"

Aim/Purpose:

To identify types of business process working as per different levels of architecture.

To identify parameters affecting the business processes for improving execution of process.

Patent 2:

Application Number:372910001

As a Organizing Committee work / Resource Person

1. Worked as editorial board in International Journal in Foundations of Computer Science & Technology (IJFCST) ISSN: 1839-7662
2. Worked as program committee in International workshop on information theory (WIT) in conjunction with CCSEIT 2012
3. Worked as program committee in international conference of advanced computer science and information technology (ACSIT 2012) Chennai
4. Worked as program committee in International workshop on Cryptography and Information Security (CRYPIS-2012) with CCSEIT-2012
5. Worked as editorial member for International journal on Cryptography and Information Security (IJCIS) ISSN: 1839-8626
6. Worked as editorial board member for International Journal of Advanced Information Technology (IJAIT) ISSN : 2231 - 1548 [Online] ; 2231 – 1920
7. Worked as program committee for International workshop on Foundations of Computer Science & Technology (CST-2013) Venue: Royal Orchid Central February 18 ~ 20, 2013, Bangalore, India
8. Worked as a program committee member / Reviewer of "Second International Conference on Advanced Information Technologies and Applications (ICAITA-2013) to be held in Dubai, UAE.
9. Worked as a program committee member / Reviewer of "The Fifth International Conference on Ad hoc, sensor & Ubiquitous Computing (ASUC-2014) " to be held in Dubai, UAE.
10. Gave a guest lecture on JAVA architecture at IT dept of S.P.I.T. on 7th March 2013
11. Worked as organizing committee for MCA dept for inter departmental technical paper presentation competition at S.P.I.T. on 10th April 2015
12. Worked as organizing and resource person for Two days workshop on Soft computing (neural network and fuzzy logic) and its practices organized by computer dept S.P.I.T. on 10th – 11st July 2015
13. Worked as a program committee member / Reviewer of "Second International Conference on Computer Networks & Communications (CCNET 2015)" to be held in April 3~4, 2015, Dubai, UAE.
14. Worked as a Program Committee Member / Reviewer of "Fourth International Conference on Software Engineering and Applications (JSE-2015)" to be held in Zurich, Switzerland.
15. Worked as a program committee member / Reviewer of "International Conference on Software Engineering (SOENG 2015) " to be held in December 26~27, 2015, Chennai, India and also the same category AIRCC conferences world wide in the year of 2015.
16. Worked as judge for technical paper presentation competition conducted by Computer Society of India CSI branch of Thadomal Shahani Engineering college on

21/2/2016

17. IEEE associated departmental Technical Paper Presentation competition conducted at S.P.I.T. held on 1st April 2016
18. IEEE associated - 2 days workshop on Research paper Publication and Patent search on 5th – 6th Feb 2016 worked as organizing committee and resource person for topic “Marking scheme for research paper”
19. 1 day workshop on business intelligence at S.P.I.T. on 31st March 2015 worked as resource person for topic “ORANGE Tool”
20. Worked as resource person for topic “Data Mining using ORANGE” at STTP on data mining and Analytics: Advanced Techniques and research opportunities at Thakur college of engineering and technology on 30th June 2015
21. Worked as resource person for lab session on “ORANGE” at STTP on parallel processing and Big data analytics at IT dept from S.P.I.T. on 10th July 2015
22. Gave guest lecture on application of soft computing in real world in “Connaissance-Bridge the Gap programme of Don Bosco Institute of Technology on 1st sept 2016
23. Guest lecture on Cloud and SOA at IT dept S.P.I.T. on 7th Oct 2016 under ITSA committee
24. Worked as organizing committee and resource person for topic “business modelling using Archimate tool” for one week workshop on technology convergence and its practices at S.P.I.T. on 19th – 23rd Dec. 2016
25. Worked as judge in poster presentation organized by Bhavan’s college SFC dept. on 24th – 25th Jan 2017
26. Worked as expert member of Local inspection committee of Mumbai university on 14th July 2016
27. Gave a seminar on topic research and literature review using IEEE Paper at SNDT women’s University on 16th August 2016 for IEEE - SNDT
28. Gave a seminar on topic “Wie formation” and participated in Panel discussion at IEEE- VESIT on 14th Feb 2016
29. Organized 2 days WiE- National Leadership Conference at S.P.I.T. on 14th – 15th Oct 2016
30. Worked as a program committee member / Reviewer of CICT2017 B M Institute of Engineering & Technology, Sonapat April 22, 2017 – April 23, 2017
31. Worked as a program committee member / Reviewer of ICNTE-2017 Fr. C. Rodrigues Institute of Technology Vashi, New Mumbai, 27-28 January 2017
32. Awarded as Senior Member Nov. 2018
33. Awarded as Best Teacher awards Cognizant 2018
34. Worked as resource person for BSC 2019 Sandeep Academy Nasik on topic “Teaching methodology” on 18/1/2019
35. Worked as Organizing committee L & T, startup bootcamp, TIFR Conducted SKEP talk under IR cell
36. Gave expert talk at Mahershi Markendeshware University Ambala on topic “Transfer learning” 19-20 April, 2019
37. Expert Talk under RUSA at Somaiya College “Transfer learning” 11th May 2019
38. Expert Talk under ISTE at S.P.I.T. “Transfer learning” 15th May 2019

39. Expert Talk under RUSA at Mulund College of Engg "IoT protocol" 8th June 2019
40. Expert Talk under SKEP IEEE at Universal College "Transfer learning" 18th June 2019
41. Organized one day workshop on " Skills for writing Research Paper" for MCA student on 28th Nov. 2019
42. Expert Talk under RUSA at Vidyalkar College "Transfer learning" 12th March 2020
43. Expert Talk at Two Weeks International Faculty Development Program on "Emerging Trends in Industry 4.0" on "Transfer Learning" on 22/05/2020 at JSPM's Rajarshi Shahu College of Engineering
44. Expert Talk at "PROJECT GUIDANCE: FROM SELECTION To IMPLEMENTATION" on "Research Paper Writing" on 12/06/2020 at JSPM's Rajarshi Shahu College of Engineering
45. Expert Talk on "Opportunity perspective of IoT in Industry 4.0" in webinar series on Industry 4.0 appreciates at Shri vile parle kelavani madal's Shri Bhagubai Maftalal Polytechnic on 3/6/2020
46. Expert Talk on "Classroom Assessment Techniques" in E-Learning Tools, Methodologies and Content Management" at Shri Shivaji Education Society, Amravati's College of Engineering and Technology, Akola (M.H.) on 9/6/2020
47. Expert talk on "AI and Its application" at st. Joseph institute of technology IEEE section on 22/4/2020
48. Expert talk on "AI and Its application" at Sardar Patel institute of technology IEEE section on 23/5/2020
49. Expert talk on "AI and learning concepts" at A.E. Kalsekar College IQAC on 15/7/2020
50. Expert talk on "MACHINE learning and Deep Learning" at D.J. Sanghavi on 9/7/2020
51. Expert talk on "I know myself" at P.P.Pote(Patil) College of Engineering and Management Amaravti on 7th Oct 2020
52. Expert Talk on "Enterprise Architecture" to CDAC Mumbai on 24th Oct 2020
53. Expert talk on "Prepare yourself for ML and Deep Learning" at SIES Nerul on 31st Oct 2020
54. Expert Talk on "Deep Autoencoder" at S.P.I.T. on 11/12/2020 in AICTE SPONSORED TWO WEEK FDP on "Insights into Intelligent Automation, Machine Learning and Data Science: Data Science and Its Applications"
55. Worked as Organizing committee for Two weeks Credit course on 'Research and Publication Ethics for Ph.D Students' (15th - 30th November 2021; 3:00 to 6:00 pm) organized at SPIT

Participation: -

1. Attended D-Link Switching course from 9-10-2013 to 13-10-2013
2. One day workshop on credit based grading system conducted jointly by BOS in MCA and NMITD on 2014
3. Faculty development programme from TCS on academic interface programme for Big Data on 23rd -24th Aug 2013 at Fr. C.R. College of Engg.
4. Certificate of competition for training in IBM Rational SEED for Quality program with registration no RTN082/7 from 25th – 28th Nov 2013

5. Attended Two day workshop on soft computing and Neuromorphic at S.P.I.T. from 7-2-2014 to 8-2-2014
6. NEN advanced course on Building Intellectual property at academic institutes from 16th -17th Jan 2014 at S.P.I.T.
7. Faculty development programme from TCS on BI - Congnos on 28th – 29th Jan 2014 at TCS Kensington Powai
8. Workshop on Advanced Database Techniques and Applications held on 20th Feb 2014 at K. J Somaiya Institute of Management Studies and Research
9. Session track coordinator at international conference on communication information and computing technology (ICCICT 2015) at S.P.I.T. on 15th -17th Jan 2015
10. Participated in district level round of Avishkar Research Convention held on 19th Oct. 2016 at Ramrao Adik institute of technology with project titled Improving business process agility using soft computing techniques.
11. Participated Faculty development programmer on Data Analysis by JP morgon on 13th Feb 2015
12. Participated in faculty development programme on Fuzzy logic not fuzzy at NMITD by Dr. Ashok on 13th Sep 2014
13. Participated IEEE WIE International Summit Pune 2016 on 23-24th sept 2016
14. Indian association of special libraries and information centers – 2 days IASLIC national workshop on content management system using Joomla on 15th and 16th June 2012
15. Two week ISTE workshop on Introduction to Research Methodologies from 25th june to 4th july 2012 under the national mission on education through ICT (MHRD) conducted by IIT Bombay
16. Two days ISTE workshop on Aakash for education from 10th - 11th Nov. 2012 under the national mission on education through ICT (MHRD) conducted by IIT Bombay
17. AICTE sponsored One week QIP short term course on Effective teaching learning strategies for Quality engineering education during 24th – 28th June 2013 conducted by IIT Bombay
18. Two weekends ISTE workshop on Aakash Android Application Programming on 23rd- 24th Feb and 2nd -3rd March 2013 under the national mission on education through ICT (MHRD) conducted by IIT Bombay
19. Two days ISTE workshop on Research Methods in Educational Technology on 2nd and 9th Feb 2013 under the national mission on education through ICT (MHRD) conducted by IIT Bombay
20. One week graded ISTE – STTP on Object Oriented Programming Methodology with Lab Exercises at S.P.I.T. on 8th – 12th July 2013
21. Two week ISTE workshop on Database Management Systems on 21st – 31st May 2013 under the national mission on education through ICT (MHRD) conducted by IIT Bombay
22. Two days workshop on Soft computing (Neural Network , fuzzy logic) and Neuromorphic Engineering conducted by Computer Engineering dept of S.P.I.T.

on 7th – 8th Feb 2014

23. Two week ISTE workshop on Cyber Security on 10th – 20th July 2014 under the national mission on education through ICT (MHRD) conducted by IIT Bombay
24. ISTE – STTP one week workshop on data science and big data analytics at Mukesh patel school of technology management and engineering in coordination with EMC academic alliance from 18th - 22nd may 2015
25. Two week ISTE workshop on Introduction to design of Algorithms on 27th – 24th May 2015 and 25th May – 30th May 2015 under the national mission on education through ICT (MHRD) conducted by IIT Bombay
26. Two Weeks International Faculty Development Program on “Emerging Trends in Industry 4.0” 18th May 2020 to 29th May 2020 JSPM’s Rajarshi Shahu College of Engineering Pune
27. Three days’ workshop on Software as a service from 5th to 7th June 2020 Annasaheb Dange college of engineering and technology Ashta
28. One week workshop on “R-Language for Analytics & Data Science” from 10th to 15th May 2020 Computer Engineering, Jaihind College of Engineering, Kuran(Pune)
29. One day workshop on “Bevywise IoT Simulation” on 31/5/2020 by Jain Faculty of Engineering and Technology SCHOOL OF COMPUTER SCIENCE AND ENGINEERING DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
30. One day workshop on “Deep Learning” on 6/6/2020 by Jain Faculty of Engineering and Technology SCHOOL OF COMPUTER SCIENCE AND ENGINEERING DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
31. One week AICTE Recognized Faculty Development Programme on Internet of Things from 10th to 14th April 2020 NITTTR, Chandigarh
32. One week AICTE Recognized Faculty Development Programme on Teaching and Learning for Acceradiation in Technical Education from 27th April to 4th May 2020 NITTTR, Chandigarh
33. One-day session on WASME - IEF webinar on adapting in uncertainty lessons & insights from Lockdown on 7/5/2020 by World association for small and medium Enterprises Mumbai
34. One-week workshop on Research Methodology and Tools from 11th May to 15th May 2020 by Sandip Institute of Technology and Research Centre, Nashik
35. One-week workshop on E-Learning Tools, Methodologies and Content Management from 8th to 13th June 2020 by Shri Shivaji Education Society, Amravati’s College of Engineering and Technology, Akola (M.H.)
36. One-week workshop on “Improving Teaching Learning Experience using Best Practices” from 15th to 19th June 2020 by D. J Sanghvi College of Engineering Mumbai
37. One-day workshop on cyber security 4.0 on 5/6/2020 by industry challenges and opportunities webinar on Cyber Security 4.0
38. One-week workshop on Online Faculty Development Program on PHP-MySQL from 17th June to 22nd June 2020 by J D College of Engineering
39. Organizing committee for Inter-Throne sponsored by iB Hub, Un limit power by

- on 6th Sept 2017
40. Three days' workshop on "Infrastructure Modernization" 26th to 28th May 2020 by google Cloud
 41. One-day session on "Python Data Structures" on 7th June 2020 by University of MICHIGAN
 42. One-week workshop on "Signal, Image & Video Processing: A Practical Approach (SIVPAPA-2020)" from 26th to 30th May, 2020 by GOVERNMENT COLLEGE OF ENGINEERING Karad
 43. IEEE approved One-day session "Webinar " Role of Cloud Computing in IoT" on 7/5/2020 by Mind Quech VEIT
 44. ISTE approved One-week workshop "Cyber security techniques and tools" from 15th to 19th June 2020 by Sri Sai Ram College of Engg Chennai
 45. One-week workshop "Modern Educational tools and pedagogical practise for online teaching" from 21st to 25th June 2020 by VIT Mumbai
 46. One-day session on "COVID 19 post pandemic challenges of environmental management" on 22/6/2020 by SOCLEEN, D. G. Ruparel college
 47. ISTE Two-week workshop on "IT for sustainability" from 15/6/2020 to 26/6/2020 by Thakur college
 48. AICTE two-week workshop on "R language and Rstudio" from 22/6/2020 to 5/7/2020 by Cambridge banglore.
 49. NVIDIA One-day session on "AI ML and DL" on 26/6/2020 by NVIDIA Digitaltrack Mumbai
 50. One-week workshop on "ONLINE TEACHING-LEARNING TOOLS AND PEDAGOGIES" from 15th to 19th June 2020 by FICCI
 51. AICTE Atal FDP on ""Machine Learning: Algorithms and Applications in Data Science" from 7th to 12th sept 2020 by Vishwakarma Institute of Technology Pune

MY	VISITING	FACULTY	PROGRAM:-
1)	Worked as visiting faculty in Information technology department in Bhawan's College for subject	Data warehouse	
2)	Worked as visiting faculty in BMS department in Bhawan's College for subject introduction to	computer	
3)	Worked as visiting faculty in N.L. Dalmia College of Management for subject computers		

Memberships:

1. Member of International Economics Development Research Center (IEDRC)
Member of International Economics Development Research Center The mission of IEDRC is to foster and conduct collaborative interdisciplinary research in state-of-the-art methodologies and technologies within its areas of expertise.

Member No 90080409.

2. Member of International Association of Computer Science and Information Technology (IACSIT). Member of International Association of Computer Science and Information Technology (IACSIT)The mission of IACSIT is to foster and conduct collaborative interdisciplinary research in state-of-the-art methodologies and technologies within its areas of expertise. Member No 80339343
3. Member of Computer Society of India as a student from Jan 2010 to Jan 2011
4. Reviewer for Int. J. of Computer Applications in Technology
5. Life Long Membership of ISTE: LM 91334
6. Member of IEEE Intelligence Computational Society – 93838752

Subject of Interest

Artificial Intelligence
Soft Computing
Computational Intelligence
Business Intelligence – Weka, Orange, R
Data ware house and Data mining
Advanced Web technology
Object oriented programming – C++, JAVA, GO, Python
Enterprise Architecture
Business Modelling and designing
Database management System
Operating System

Academic I.T. Project Development

Project Name: WiE web portal

Url: www.wie.spit.ac.in

Specification: This web portal is database driven portal. For each webpage data is floated based on the input from the back end. Complex database design is the key feature of this portal. All the events and based on its photo gallery is getting generated. All required reports are getting fetched in the pdf format

Project Name: WiE Mobile App

Specification: This project is developed in track with WiE web portal, to make all the things handy to the stakeholders. This mobile app handles the same database designed for web portal to keep synchronization. Taking attendance giving feedback was added using this mobile app.

Project Name: Research paper collection and Reimbursement web portal

Url: www.research.spit.ac.in

Specification: This is one place research paper data collection portal. It collects data for all (faculty, students and even research scholars). Different report related to department wise, year wise are generated from this portal. Admin will handle the correction of data not by the student. Reimbursement process is also handled with this portal. This project

is ongoing project where different R & D modules will be added in the coming days

Project Name: Best student of the year

Url: <https://adcp.spit.ac.in/>

Specification: This portal is to collect the best student application. Each student will be evaluated on the basis of the academic performance, research performance and co curriculum performance. This portal will allocate the marks on the basis of the student's entry. This portal will allow manual intervention for final scoring for selecting the best students showing full transparency of evaluation.

Project Name: Technical Paper Presentation Portal

url: <https://tpp.spit.ac.in>

Specification: This portal is to conduct the event called as Technical Paper Presentation for final year student. Student will register for the event adding the paper details. Admin will allocate the judges for evaluation. Marking scheme and the results can be taken from the portal as per the dept, year and Etc.

Project Name: IEDC Portal

url: <http://iedc-project.spit.ac.in/>

Specification: This portal is to list the process called as *Innovation* and *Entrepreneurship Development Centre* IEDC. This portal helps to assign mentor to the application by student. It also list the number IEDC project yearwise, dept wise and etc

Project Name: Virtual lab for Computational Intelligence

<http://vlab-ci.spit.ac.in/>

Specification: This portal is to educate student for the subject Computational Intelligence. It also includes quizzes

Project Name: Project Exhibition Competition

Url: <http://pec.spit.ac.in/>

Specification: This portal is to conduct the event called as Project Exhibition for final year student. Student will register for the event adding the project details. Admin will allocate the judges for evaluation. Marking scheme and the results can be taken from the portal as per the dept, year and Etc.

Project Name: Product Development Center

Url: - <http://pdc.spit.ac.in/>

Specification: This portal will take care of the PDC cell of S.P.I.T. This will store all the project handled under PDC. This will be helpful to take out the report of the PDC

Professional I.T Experience

Software Programmer, ASCII Solutions, Mumbai, Jul 2001 – to Aug 2002

- Project Name : HR Module
- Environment : O/S- Win98, RDBMS- Oracle 8i, Front-end tool- Visual Basic 6.0
- Project Description : This project serves as a small ERP for HRMS department that provides complete information of all the employees working in a company respective to their detailed roles, designation, shifts, categories, departments, etc
- Responsibilities : Designing, Development & testing of HR module. Troubleshooting & maintenance of above module
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- Project Name : CAL Package
- Environment : O/S- Win98, RDBMS- Oracle 8i, Front-end tool- Visual Basic 6.0
- Project Description : This package is preferably designed for school students which provides subject studies, exercises, quiz & many more study related assignments
- Responsibilities : Review of requirement analysis, functional
- specifications document, system design document
 - Review of project plan, software development plan
 - Designing of complete database, including master as well as transaction forms using flash player so as to make this package look more attractive
 - Evaluating the project performance quantitatively. Process audit, baseline audit for project on monthly basis
 - CAR activities for implementation of CMMI process
 - Verification of data reports with actual data in database
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- Project Name : Personnel Information Management Systems
- Environment : O/S- Win98, RDBMS- Oracle 8i, Front-end tool- Visual Basic 6.0
- Project Description : This package has been designed to provide a complete solution to placement cell so as to maintain large database of various candidates based on their technical skills, experience, etc
- Responsibilities :
- Review of functional requirements specification, system requirement specifications, system design document
 - Review of project plan, software development plan

- Designing of database, various transactional as well as master-details forms. Process audits, baseline audit for project on monthly Basis valuate project performance quantitatively
- Preparing test cases & test reports
- Verification of data reports with actual data in database