

Dr. Rajesh Kumar MAURYA

Academician | Author | Researcher | IT Consultant

Ph.D(CS), M.Tech(CSE), M.Phil(IT), MCA, M.Sc(CS), MBA(IS), DMIT, GNIIT

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Mumbai, Maharashtra Indian



An Academician, Author and an Researcher with focus on **Machine and Deep Learning, Generative AI, Data Analytics, Geo-Computing and Digital forensics**. With more than **22+ years** of academic experience in teaching at Graduate & Post Graduate Levels, experience in coordinating courses, conducting FDPs, SDPs and workshops, trying best to foster a positive learning ecosystem. Committed to academic integrity and trying to explore futuristic technologies for creating effective learning ecosystem.

Research Interest : Machine and Deep Learning, Generative AI, Computer Vision and DIP, Bio-Informatics, Spatial Analytics

PROFESSIONAL EXPERIENCE

2025-Till Date	Assistant Professor, DEPARTMENT OF COMPUTER SCIENCE, NMIMS School of Mathematics, Applied statistics & Analytics, Mumbai, 400056 <div>Teaching Research Content Creation Projects Consulting</div>
2018-2025	Assistant Professor(IT), DEPARTMENT OF INFORMATION TECHNOLOGY, SVKM's Usha Pravin Gandhi College, Mumbai, 400056 <div>Programme Officer-NSS Syllabus Revision Workshops Teaching & Mentoring-M.Sc/B.Sc-IT Project Guidance FDP</div>
2016-2018	Assistant Professor & Researcher, UNIVERSITY DEPARTMENT OF COMPUTER SCIENCE(UDCS) , University of Mumbai, Kalina, Mumbai, Maharashtra, 400098 <div>Teaching & Mentoring-M.Sc(CS) Project Guide Workshops FDP SDP Resource Person Syllabus Revision</div>
2009-2016	Associate Professor & Associate Dean (2011-2016), DES's NAVINCHANDRA MEHTA INSTITUTE OF TECHNOLOGY & DEVELOPMENT(NMITD), Dadar, Mumbai-400028 <div>Professor In-charge-MCA Mentoring Project Guide Workshops FDP SDP Resource Person Syllabus Revision</div>
2002-2009	Lecturer & Coordinator-M.Sc. Computer Science & IT, S. K. SOMAIYA COLLEGE, SOMAIYA VIDYAVIHAR, Vidyavihar, Mumbai, India-400077 <div>IT Administrator Teaching & Mentoring-B.Sc/M.Sc(CS/IT) Workshops FDP SDP Resource Person Syllabus Revision</div>
2000-2002	Software Engineer, DOLPHIN SYSTEMS, Mumbai, India-400704 <div>Server Administration Programming Network</div>

EDUCATIONAL QUALIFICATION

2023	Doctor of Philosophy(Ph.D.) in Computer Science
2013	Master of Business Administration in Information Science (MBA-Information Systems)
2009	Master of Computer Application(MCA)
2008	Master of Philosophy in Computer Science(M.Phil.-CS)
2007	Master of Technology in Computer Science and Engineering-M.Tech.(CSE)
2002	Master of Computer Science(M.Sc) in Computer Science
2000	Bachelor of Computer Science(B.Sc) in Physics with Electronic Instrumentation

OTHER QUALIFICATIONS

MH-SET	Computer Science & Applications
UGC-NET	Management
UGC-NET	Computer Science & Applications
GNIIT	NIIT Ltd.
DMIT	Diploma in Management Information Technology

OTHER ACADEMIC & ADMINISTRATIVE EXPERIENCES

2024-Till date	Member, Board of Studies (Computer Applications-BCA), HSNC University, Mumbai
2023-2027	Member, Board of Studies (Computer Science), University of Mumbai
2023-2025	Special Invitee Member, Board of Studies (Computer Science), NMIMS, Mumbai
2023-2027	Member, Board of Studies (Computer Science) at R. P. Gogate College, Ratnagiri, Raigad
2023-2027	Member, Board of Studies (Computer Science) at Thakur College of ASC (Autonomous), Mumbai
2021-Till Date	Member, Technical Committee on IT at Directorate of Forensic Science Laboratories, Govt. of Maharashtra
2019-Till date	Member, Board of Studies (Computer Science) at K.C. College, HSNC University, Mumbai
2020-Till Date	Coordinator-Nodal Center-IIRS Outreach Programme at Usha Pravin Gandhi College of ASC, Vile Parle(W)
2018-2023	Programme Officer-NSS Unit at Usha Pravin Gandhi College of ASC, Vile Parle(W)
2014-2021	Member, Vidyalaya Management Committee(VMC), Kendriya Vidyalaya, Bhandup, Mumbai
2011-2016	Associate Dean & Professor In-charge-MCA, DES's NMITD, Mumbai, Maharashtra
2009-Till date	Consultant, Trainer, Content Development, Star Certification, SYBGEN Learning, Wiley, DreamTech Press
2006-2009	Coordinator- PCP program for IDE for M. Sc(CS)/M. Sc(IT), University of Mumbai
2006-2009	Coordinator, Study Center for YCMOU Diploma/Degree courses(BCA) at S. K. Somaiya College, Mumbai
2004-2009	Counsellor, MBA (MS-07) Program affiliated to IGNOU at Somaiya Vidyavihar, Mumbai
2003-2009	IT Administrator (Additional Charge), S.K. Somaiya College, Vidyavihar, Mumbai

PUBLICATIONS-BOOKS(INTERNATIONAL PUBLISHERS)[18]

2025	Machine Learning and Generative AI : Transforming Business for Tomorrow, R. K. Maurya, SYBGEN Learning, ISBN 978-81-970361-3-2
2024	Exploring Geological Resources with AI and LiDAR Data Analysis in Remote Sensing (BOOK CHAPTER), published in Artificial Intelligence in Remote Sensing : Innovations and Applications, Bentham Science
2022	Android Programming : Crafting UI/UX using Kotlin , R. K. Maurya, SYBGEN Learning
2021	R Programming for Data Analytics & Visualization , R. K. Maurya and S. R. Maurya, SYBGEN Learning, ISBN-10:8195131921, ISBN-13:978-8195131921
2020	Programming through Python, M.T. Savaliya, R. K. Maurya, G. M. Magar, Sybgen Learning
2018	LEARNING R : A Language for Data Analytics & Visualization , S. R. Maurya, R. K. Maurya, Staredu Solutions, ISBN-10 :9386765500, ISBN-13:978-9386765505
2018	Computer Graphics with Virtual Reality Systems(Third Edition), R. K. Maurya, John Wiley, ISBN-10 : 8126576332, ISBN-13 : 978-8126576333
2018	Programming through Python, M.T. Savaliya, R. K. Maurya, G. M. Magar, Staredu Solutions,2018, ISBN-10 : 938676542X, ISBN-13 : 978-9386765420
2018	Ethical Hacking, Rajesh K. Maurya and Vipul Saluja, Staredu Solutions
2016	Graph Theory & Applications, S. R. Maurya, R. K. Maurya and G. M. Magar, John Wiley, ISBN-10 : 8126560622, ISBN-13 : 978-8126560622
2016	Computer Graphics (GTU), R. K. Maurya and S. R. Maurya, John Wiley
2015	Computer Graphics, R. K. Maurya, John Wiley, ISBN-10 : 8126556358, ISBN-13 : 978-8126556359
2015	System Programming, GTU Edition, Rajesh Maurya, Wiley-Dreamtech Press
2014	Computer Graphics with Virtual Reality Systems (Second Edition), Rajesh Maurya, John Wiley
2014	System Programming & Compiler Construction, Rajesh Maurya, Wiley-Dreamtech Press
2013	Software Testing, R. K. Maurya and S. R. Maurya, Wiley-Dreamtech Press, ISBN-10 : 9350044005, ISBN-13 : 978-9350044001
2012	Compiler Design, Rajesh Maurya, Wiley-Dreamtech Press
2011	System Programming, Rajesh Maurya, Wiley-Dreamtech Press
2009	Computer Graphics with Virtual Reality Systems, Rajesh Maurya, John Wiley

- 2020-24 **School of Mathematics, Applied Statistics & Analytics**, NMIMS Mumbai
 2023-24 **Jawaharlal Nehru Technological University**, Hyderabad, Telangana
 2003-24 **University Department of Computer Science**, University of Mumbai, Kalina, Mumbai
 2020-24 **Somaiya Vidyavihar University**, Somaiya Vidyavihar University, Mumbai
 2022-24 **Swarnim Startup & Innovation University**, Gandhinagar, Gujarat
 2018-20 **REVA University**, Bangalore, Karnataka
 2018-19 **SRM University**, Kattankulathur, Tamil Nadu
 2012-24 **PG Department of Computer Science**, SNDT Women's University, Mumbai
 2009-24 **School of Computer Science**, YCMOU, Nashik, Maharashtra
 2009-20 **S K Somaiya College**, Vidyavihar, Mumbai, Maharashtra

 PUBLICATIONS-CONFERENCES & JOURNALS[16]

- 2024 Maurya R. K., Meenakshi, "Enhanced Retail Sales Forecasting Using Optimized CNN-LSTM Hybrid Model : A Time Series-Based Analysis". Communications on Applied Nonlinear Analysis, ISSN : 1074-133X, Vol 32 No. 2s (2025), pp-514-537, doi : <https://doi.org/10.52783/cana.v32.2485>, (**Scopus**)
- 2024 Maurya R. K. , Maurya S. R., "Content Reliability in the Age of AI : A Comparative Study of Human vs. GPT-Generated Scholarly Articles". Library Progress International, Vol.44 No. 3, Jul-Dec 2024 : P.1932-1943, Print version ISSN : 0970 1052, Online version : ISSN 2320 317X (**Scopus**)
- 2024 Maurya R. K. , Kaprawan S., "Segmentation And Analysis of Geospatial Features From High Dimensional Data", International Journal of Advance and Innovative Research, Volume 11, Issue 1 (XIV), , pp. 259-267, ISSN 2394 - 7780
- 2024 Gupta S., Maurya R. K., "Synthetic Speech Detection Using Deep Learning". International Journal of Advance and Innovative Research, Volume 11, Issue 1 (XIV), , pp. 235-238, ISSN 2394 - 7780
- 2024 Mustafa R. M., Maurya R. K, "Review on Advanced Techniques in Three-Dimensional Image Reconstruction from Two-Dimensional Images". International Journal of Advance and Innovative Research, Volume 11, Issue 1 (XIV), , pp. 200-209, ISSN 2394 - 7780
- 2024 Joshi V. A., Maurya R. K., "Review of Generative Adversarial Networks In Image Synthesis And Style Transfer Applications". International Journal of Advance and Innovative Research, Volume 11, Issue 1 (XIV), , pp. 296-302, ISSN 2394 - 7780
- 2023 Maurya R. K. , Maurya S. R., "Probabilistic Modeling for High-Dimensional Object Reconstruction in Computer Vision". International Conference on Statistics-2023, March, 2023
- 2023 Maurya R. K. , Kaprawan Sandhya , "Statistical algorithms for Geo-spatial Feature Extraction and Classification from Satellite Data". International Conference on Statistics-2023, March, 2023
- 2021 Maurya, R.K., Kulkarni, S.T. and Maurya S.R., "Multidimensional Spatial Analysis of Geo-objects from Unstructured Topographic Points". ITEE, vol. 10, no. 6 , December. 2021, issn:2306-708X. (**UGC CARE Journal**)
- 2021 Maurya, R.K., Kulkarni, S.T. "Multidimensional spatial clustering and visualization of 3D topographic relief data". Int. j. inf. tecnol. 13, 581-592 (2021), doi : 10.1007/s41870-020-00595-6. (**Scopus & UGC-CARE 2021**)
- 2018 Maurya, Rajesh K., Sushil T. Kulkarni and N. Kalita (2018), "Projection-Based Spatial Morphology for Extracting Ridge and Valley Profiles of Mountains from 3D Amorphous Data", in Proceedings of the 2018 4th International Conference on Computing Communication and Automation (ICCCA), Greater Noida, India, 2018, pp. 1-6, doi : 10.1109/CCAA.2018.8777680. (**Scopus**)
- 2018 Maurya, Rajesh K. and Sushil T. Kulkarni (2018), "Morphology-Based Extraction of River Network from Multi-dimensional Topographic LiDAR Returns". In Proceedings of 2018 3rd International Conference for Convergence in Technology (I2CT), Pune, 2018, pp. 1-6, doi : 10.1109/I2CT.2018.8529349 (**Scopus**)
- 2018 Maurya, Rajesh K. and Sushil T. Kulkarni, "A Review of Spatial Analysis of Multidimensional Topographic Data", International Journal of Computer Engineering and Applications, 2018 11 (12), 253-267 (**UGC 2017**)
- 2018 Maurya, Rajesh K and Swati R. Maurya, Recognition of a Medieval Indic-'Modi' Script using Empirically Determined Heuristics in Hybrid Feature Space". Maurya, Rajesh K. and Swati R. Maurya (2018). In : International Journal of Computer Sciences and Engineering, VI (II), 2018
- 2017 Maurya, Rajesh K. and Sushil T. Kulkarni (2017), "Multidimensional spatial clustering and visualization of 3D topographic relief data", 11th IEEE INDIACom 4rd International Conference on "Computing For Sustainable Global Development", March 1-3, 2017, New Delhi, 2017
- 2018 R. K. Maurya and S. R. Maurya, "Recognition of a Medieval Indic-'Modi' Script using Empirically Determined Heuristics in Hybrid Feature Space," International Journal of Computer Sciences and Engineering, vol. 7, no. 2, pp. 136-142, 2018. [Online] Available:https://www.ijcseonline.org/pub_paper/19-IJCSE-02860.pdf

BOOK CHAPTERS

- 2025 Maurya Rajesh. K., Maurya Swati. R., **"Optimizing Business Operations with Edge AI and Deep Learning"** (2025), in Building Data-Driven Edge Systems for Business Success, IGI Global, (Accepted)
- 2025 Maurya Rajesh. K., Maurya Swati. R., **"AI Models and Algorithms in Cybersecurity : Techniques, Applications, and Future Perspectives"** (2025), in Deep Learning Innovations for Securing Critical Infrastructures, IGI Global, (Accepted)
- 2024 Maurya Rajesh. K., Maurya Swati. R., **"Geological Resources with AI and LiDAR Data Analysis in Remote Sensing"** (2024), Ch-04, Artificial Intelligence in Remote Sensing : Innovations and Applications, Bentham Science Publishers, (Accepted & Publishing Stage)
- 2024 Maurya Rajesh. K., Maurya Swati. R., Yewale V. **"Closing the Digital Gap : Rural and Urban Communities' E-Government Options"** (2024), Startup-Driven E-Government : Digital Innovation for Sustainable Ecosystems, IGI Global (Editorial Stage)

SKILLS

Domain of current Work	Deep Learning & Generative AI, Machine Learning, Data Science, Digital Security & Forensics, Spatial Analytics & Computer Vision
Programming	Python, R, C/C++, Java, Javascript, CSS
Operating System	Windows Serve R2, Windows-10/11, Linux
Databases	Oracle Database, MySQL, Microsoft SQL Server, SQLite
Development Tools & IDE	IntelliJ Idea, Visual Studio Code, Android Studio, Jupyter
Web & App Development	HTML, Android
Data Analytics & Visualization Tools	SageMath, Python, R
Network Administration	Cyberoam & Fortinet based Unified Threat Management System, Win Directory Services

OTHER ACADEMIC ROLES AND RESPONSIBILITIES

- 2023-24 **Member, Syllabus Committee** for B.Sc(Comp Sc) & M.Sc (Comp Sc) under NEP 2020, University of Mumbai
- 2023-24 **Member, Syllabus Committee** for B.Sc(Data Sc) & M.Sc (Data Sc) under NEP 2020, University of Mumbai
- 2021-23 **Member, Syllabus Committee** for B.Sc(Data Science), University of Mumbai
- 2022 **Subject Expert for Appointment of Assistant Professors** for B.Sc (Comp Sc), K. C College, HSNC University, Mumbai
- 2022-24 **Subject Expert for Appointment of Assistant Professors** for B.Sc (Comp Sc), SIES, Nerul, Navi Mumbai
- 2021-22 **Member of Syllabus committee** of M.Sc(CS), University of Mumbai
- 2020-21 **Member of Syllabus committee** of B.Sc(CS), University of Mumbai
- 2016-18 **Chairperson** of Examination -M.Sc Computer Science part-I, University of Mumbai
- 2019-20 **Member of Syllabus committee** of M.Sc(CS), University of Mumbai
- 2016-18 **Member of Syllabus committee** of B.Sc(CS), University of Mumbai
- 2012-16 **Chairperson, Paper Setter & Moderator** for MCA Examinations, University of Mumbai
- 2009-20 **Paper setter & Moderator** for T.Y.B.Sc Computer Science Examination, University of Mumbai
- 2008-24 **Paper setter & Moderator** for M.Sc Computer Science Examination, University of Mumbai
- 2008-13 **Paper setter & Moderator** for M.SC(IT) Examination, University of Mumbai
- 2010-12 **Member of Syllabus committee** of B.Sc(CS), University of Mumbai
- 2004-24 **Moderator & Paper setter** of M. Sc & B.Sc(CS), University of Mumbai Examinations

REFRESHER & ORIENTATIONS

Jan, 2024	Two-week NEP 2020 Orientation & Sensitization Programme - 4 under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) Organized by UGC Malaviya Mission Teacher Training Centre, Jawaharlal Nehru Technological University Hyderabad from 02nd January 2024 to 15th January 2024
June, 2023	Two-week Interdisciplinary Refresher Course on "MOOCS 27.0" organised under the Ministry of Education sponsored Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) scheme organised by TLC Ramanujan College University of Delhi
March, 2023	Two-week Online Refresher Course on Information and Communication Technology organized by the UGC-Human Resource Development Centre(HRDC), University of Hyderabad, 2023
Dec, 2022	Two-week Online UGC - SPONSORED Refresher Course on "Machine Learning and Data Science" organised by HRDC JNTU Hyderabad
March, 2022	Fifteen days Online National Refresher course on NATIONAL EDUCATION POLICY & THE TEACHING PEDAGOGY jointly organized by New Law College, Bharati Vidyapeeth deemed to be University, Pune; Droit Penale Group, Prayagraj and Guru Angad Dev Teaching Learning Centre under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of Ministry of Education., Govt of India
Feb, 2020	SWAYAM ARPIT Refresher Programme in Emerging Trends & Technologies in Library & Information Services , conducted by NTA, Ministry of Human Resource Development, Govt of India
May, 2020	SWAYAM ARPIT Refresher Programme in Refresher Course on Teacher and Teaching in Higher Education , conducted by NTA, Ministry of Human Resource Development, Govt of India
Dec, 2021	One Week Short Term Course on "Artificial Intelligence: Evolution, challenges and opportunities for societal development conducted during" Conducted by UGC Academic Staff College, HRDC Mumbai, University of Mumbai
Dec, 2019	One Month Orientation Course Conducted by UGC Academic Staff College, HRDC Mumbai, University of Mumbai

RESOURCE@WORKSHOPS

2024	Resource Person for Online Certificate Course : "CYBER SECURITY" (CYS) (5.01-2024 to 24.07-2024) organised by Directorate of Innovative Learning & Teaching (DILT), JNTUH
2024	Resource Person for Online Refresher Course in E-Content Development and Mooc' (15-01-2024 to 29-01-2024) organised by UGC-MMTC & Dr. Babasaheb Ambedkar Marathwada University
2023	Resource Person for UGC-HRDC Refresher Course in "Data Science and Machine Learning" organised by HRDC-JNTU Hyderabad, Jawaharlal Nehru Technological University Hyderabad
2023	Resource Person for UGC-HRDC Online Refresher Course in "Information Technology and Computer Science" , organised by Dr. Babasaheb Ambedkar Marathwada University
2023	Resource Person for UGC-HRDC Refresher Course in "Artificial Intelligence and Science" under RUSA organised by HRDC, Mumbai University
2021	Resource Person for UGC-HRDC Refresher Course on "Robotics and IOT" under RUSA organised HRDC University of Mumbai
2022	Resource Person for Revised Syllabus for Computer Science (B/Sc and M.Sc) , University of Mumbai
2021	Resource Person for Revised Syllabus for Computer Science (B/Sc and M.Sc) , University of Mumbai
2020	Resource Person for Four Days Student Development program(SDP) on Python Programming at REVA University, Bangalore, Karnataka
2020	Resource Person for Four Days Student Development program(SDP) on Android Programming at REVA University, Bangalore, Karnataka
2018	Resource person at Workshop on Revised Syllabus of B.Sc(CS) organized by Ad-hoc Board of Studies in Computer Science, University of Mumbai
2017	Resource person at UGC-HRDC Refresher Course on Mathematics organised by HRDC center, University of Mumbai
2007-2024	Resource person at Workshop on Revised Syllabus of M.Sc(CS) organized by Ad-hoc Board of Studies in Computer Science, University of Mumbai
2005-2024	Resource person at Workshop on Revised Syllabus of B.Sc(CS) organized by Ad-hoc Board of Studies in Computer Science, University of Mumbai
2004	Resource person at Workshop on "Principal of Compiler Design" organized by Ad-hoc Board of Studies in Computer Science, University of Mumbai

- 2024 Six Days **Workshop on Research Methodology** organised by SPDC in association with WRC-ICSSR, University of Mumbai
- 2022 Two Week **FDP on Malware Analysis with Data Science**, Organized by Electronics & ICT Academy, IIITDM Jabalpur, MNIT Jaipur and NIT Patna, E&ICT Academy IIITDM Jabalpur Supported by Ministry of Electronics and Information Technology (MeitY), Govt. of India
- 2021 One Week **FDP on Natural Language Processing under Electronics & ICT**, Academy NIT Patna, Ministry of Electronics and Information Technology (MeitY), Government of India.
- 2021 Online One Week **FDP on "Academic Leadership & Management of Technical Education"** conducted by AICTE Training And Learning (ATAL) Academy, Faculty of Engineering & Technology, Gurukula Kangri (Deemed to be) University, Haridwar
- 2021 Online One Week **FDP on "Artificial Intelligence and Machine Learning with Data**, AICTE Training and Learning (ATAL) Academy, Babasaheb Naik College of Engineering
- 2021 Online One Week **FDP on "Data Science & Machine Learning with Python"**, AICTE Training and Learning (ATAL) Academy, MANIPAL UNIVERSITY JAIPUR
- 2021 One Week Online **FDP on Artificial Intelligence and Geospatial Technology in Surveillance Infectious Disease**, AICTE Training and Learning (ATAL) Academy, KCG College of Technology
- 2021 Outcome Based Education and CO-PO Mapping organised by S K Somaiya College, IQAC and Exam Cell
- 2021 One Week Online **FDP on "Artificial Intelligence"**, AICTE Training And Learning (ATAL) Academy, University College of Engineering & Technology
- 2021 One Week Online **FDP on "Machine Vision and Digital Twin"**, AICTE Training And Learning (ATAL) Academy, Sathyabama Institute of Science and Technology
- 2020 One Week **FDP on "Current Trends and Future Technologies in Computing"**, UPG College & University Department of IT, Mumbai University
- 2020 One Week **FDP on "A Boot Camp on Artificial Intelligence, Machine learning and AI Chat bots"**, organised by K. C. College and University Department of IT, University of Mumbai
- 2020 One Week FDP on **Assessment and Evaluation in Higher Education** , conducted under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMNMTT), Govt of India
- 2020 Three Week **"Online Course on Remote Sensing & GIS Technology and Applications for University Teachers & Government Officials**, Indian Institute of Remote Sensing (IIRS), ISRO
- 2020 One week **course on "Online course on Satellite Photogrammetry and its Application"**, Indian Institute of Remote Sensing (IIRS), ISRO Dehradun
- 2020 One week **course on "Remote Sensing and Digital Image Analysis"**, Indian Institute of Remote Sensing (IIRS), ISRO Dehradun
- 2020 One week AICTE Sponsored online Short term Training Programme on **"Tableau- Data Visualization Tool for Researchers"**, IFET college of Engineering
- 2020 Online **FDP on "Cyber Security"**, AICTE Training And Learning (ATAL) Academic, Government Engineering College
- 2020 Online **FDP on "Data Sciences"**, AICTE Training And Learning (ATAL) Academic, IFET COLLEGE OF ENGINEERING
- 2020 Online **FDP on "Artificial Intelligence"**, AICTE Training And Learning (ATAL) Academy , IIIT, Naya Raipur
- 2020 Online **FDP on "Block Chain"**, AICTE Training And Learning (ATAL) Academic, Indian Institute of Information Technology Dharwad
- 2020 Four Day Online **Workshop on "Research Writing skills-Workshop Series -01"**, Galgotias University
- 2015 Two Week FDP on **Understanding Digital Business**, conducted by Vishwakarma Institute of Management, sponsored by AICTE
- 2013 Two-week **ISTE workshop, on "Database Management Systems"** conducted by IIT Bombay
- 2012 Two week **workshop on "Introduction to Research Methodology"** (conducted by IIT Bombay with support of Ministry Of HRD)
- 2012 Three day **workshop on "Softcomputing & DSP"** conducted by University Department of Computer Science, University of Mumbai
- 2010 Workshop on Syllabus of TY B.Sc(CS) jointly organized by University of Mumbai, held at Kirti College, dadar on 04th May 2010.
- 2009 **Workshop on "Research in Computer Science"**, University Department of Computer Science, University of Mumbai
- 2005 **Workshop on "Revised Syllabus of T.Y.B.Sc Computer Science"** organised by Board of Studies and V. G. Vaze College, Mumbai
- 2005 **I.S.T.E approved training program on "Information and System Security : Today and Tomorrow"**, organised by K. J. Somaiya College of Engineering, Viyavihar, Mumbai

PROJECTS

SPATIAL ANALYSIS & VISUALISATION OF TOPOGRAPHIC DATA

2021

Evaluation, development & visualization methods for spatial analysis of multidimensional topographic data.

Spatial Analysis Visualization Data science

VIRTUAL MODELS AND IMMERSIVE INTERACTION FOR IMPROVED MULTIMEDIA EXPERIENCE

2011

Hypermedia experience including immersive visualization and auditory experience in an virtual concert environment.

AR/VR Visualization Graphics & Image Processing

ADAPTIVE TEMPLATE BASED MULTILINGUAL OCR

2009

Designed and developed self learning templates based OCR for multilingual documents written in English, and Hindi

Graphics DIP Visualization

3D MORPHING USING VOLUME INTERPOLATION

2007

Developed a complete framework morphing an object to other using volume based morphing. For performance and fast convergence multidimensional star shaped polyhedral surface approximation was used.

Graphics DIP Visualization

MACHINE ASSISTED STORY GENERATION USING ADAPTIVE CONTEXTUAL ENCODING

2006

Automatic theme based scripts/story generation for most likely story track with support confidence for given set of props and key events. Also suggests most probable next event with different climax.

NLP Text Generation AI

OUTREACH AND VOLUNTEERING

Tree Plantation	Green Mumbai Initiative (Majhi Vasundhara Abhiyan)
Workshops	Professional Workshops for Faculty Development
Literacy	Free Seminar and Training during COVID pandemic
Reviewing	Reviewing conferences and academic contents

PROFESSIONAL MEMBERSHIPS

Life Member	Computer Society of India(CSI), since May 2013
Life Member	IAENG (International Association of Engineers), since Jan 2009
Member	Association of Computing Machinery (ACM), since Jan 2007
Life Member	Indian Society for Technical Education (ISTE), since Jan 2005

LANGUAGES PROFICIENCY

English	● ● ● ● ●
Hindi	● ● ● ● ●
Marathi	● ● ● ● ●
Gujarati	● ● ● ○ ○

STRENGTH

- > Committed
- > Rational
- > Motivator
- > Responsible

REFERENCES

Dr. Varadraj Bapat

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Dr. Jyotsana Dongardive

Associate Professor & Head, UDCS, UNIVERSITY OF MUMBAI

@ jyotss.d@gmail.com

Dr. G. M. Magar

Professor, Department of Computer Science, SNDD WOMEN'S UNIVERSITY

@ drgmmagar@gmail.com

Dr. Ramesh Manza

Professor, Department of CS and IT, AURANGABAD UNIVERSITY (BAMU)

@ rameshmanza@gmail.com