

CURRICULUM VITAE**Dr. Sasanko Sekhar Gantayat****Contact No.:** +91 8985757724, +91 8176947201**E – Mail** : sgantayat@hotmail.com, sgantayat67@gmail.com**RESEARCH PROFILE**

Senior academic with 33+ years of experience in teaching, research, supervision, and funded project execution. Research contributions span Artificial Intelligence, Soft Computing, Fuzzy and Rough Set Theory, Machine Learning, Data Science, Healthcare AI, and Agricultural Intelligence Systems.

ACADEMIC QUALIFICATION

Qualification	Board/ University	Year of Passing	Div./Grade
M.Tech. (CSE)	JNTUK, Kakinada, AP	2016	First
Ph.D. (Comp Sc)	Berhampur University, Odisha	2008	Awarded
M.Sc. (Comp Sc)	Annamalai University, Tamilnadu	2005	First
A.M.I.E.(I) (ECE)	Institute of Engineers(I), Kolkata	1993	Second
PGDCSA	Berhampur University, Odisha	1991	First
M.Sc. (Maths)	Utkal University, Odisha	1988	First
B.Sc. (Honors)	Berhampur University, Odisha	1986	First/ Distn.
I. Sc.	Berhampur University, Odisha	1984	Second
H.S.C.	Board of Sec. Education, Odisha	1982	Second

TEACHING EXPERIENCE

Organization	Designation & Department	Service Dates	Branches Taught
SR University, Warangal, Telangana	Associate Professor (School of Comp Sc & AI)	05.08.2024 - Continuing	B. Tech.
KLEF (Deemed to be University), Vijayawada, Andhra Pradesh	Associate Professor (Comp Sc & Engg (Hons))	24.03.2023 - 02.08.2024	B.Tech.
Gandhi Institute For Technology (A), Bhubaneswar, Odisha	Professor (Comp Sc & Engg) & Coordinator (MCA)	29.06.2022 - 10.03.2023	B.Tech., M.Tech., MCA
GMR Institute of Technology (A), Rajam, Andhra Pradesh (now GMRIT Deemed to be University)	Associate Professor (Comp Sc & Engg)	02.01.2012 - 18.06.2022	B.Tech., M.Tech.
Gandhi Institute of Engineering & Technology, Gunupur, Odisha (now GIET University)	Professor & Asst. HoD, (Info Tech) & Coordinator (M.Tech.(CSE))	24.07.2004- 31.12.2011	MCA, MBA, B.Tech., M.Tech.
Hi-Tech Institute of Information Technology, Jeypore, Odisha	Vice-Principal	01.10.2001- 22.07.2004	BIT, MCA
Gayatri Institute of Computer & Management Studies, Gunupur, Odisha	Lecturer (Maths & Comp Science)	01.11.2000- 30.09.2001	BCA, MCA
Balimela College of Science & Technology, Balimela, Odisha	Lecturer (Mathematics)	09.10.1992- 30.10.2000	B.Sc., B.Com.

SPECIALIZATION

- M.Tech. (CSE) - Computer Science & Engg.
- Ph.D. (Comp Sc) - Fuzzy Sets, Rough Sets, List Theory, Knowledge Representation
- M.Sc. (Comp Sc) - Multimedia, AI & Neural Networks, Network Security
- A.M.I.E.(I) (ECE) - Computer Engg, Computer Programming & Num. Analysis, Control Systems Engg.
- PGDCSA - Computer Science & Applications
- M.Sc. (Maths) - Operations Research, FORTRAN IV Programming

CURRENTLY TEACHING/TAUGHT:

Artificial Intelligence, Machine Learning, Natural Language Processing, Information Retrieval Systems, AI Assisted Coding, Theory of Computation

OTHER WORK EXPERIENCE:

- Guest Faculty cum Programmer, Ashoka Computers (BDPS), Jeypore, Koraput (Odisha) from March 1993 to 2001.
- Councilor, IGNOU Study Centre (2110), V. Deb College, Jeypore, Dist. Koraput (Odisha).

RESEARCH & TEACHING INTERESTS:

Fuzzy Sets and Systems, Rough Set Theory and Knowledge Representation, Soft Sets, List Theory and Applications, Soft Computing Techniques, Artificial Intelligence, Machine Learning, Data Science, Social Network Analysis, Graph Theory, Systems Simulation & Modeling, Operations Research, Natural Language Processing, AI Assisted Coding

MY RESEARCH WORKS:

- **Ph.D. Thesis: "Some Applications of Fuzzy Concepts in Computer Science"**
Guide: Dr. B. K. Tripathy, Reader, Dept. of Computer Science, Berhampur University, Berhampur (Odisha), currently Senior Professor & Dean, School of Information Technology & Engineering, VIT, Vellore (T.N.). (Awarded Vide Notification No. 5144/BU/Exam.Conf./Unit-II Dated. 6th Nov. 2008)
- **M.Tech. Thesis: "Coverage Analysis of Object-Oriented Programs"**
Guide: Dr. S. Prasad, Professor, GITAM University, Visakhapatnam (AP), 2016.

DOCTORAL & RESEARCH SUPERVISION

Guided: M.Tech-10+, MCA -15+, BTech-20+

PDF Continuing (05)

Ph.D. Completed(02)

- **University:** Centurion University of Technology & Management (CUTM), Bhubaneswar, Odisha, India
Topic: *Expert System Development for Missing data through Soft Computing Techniques*
Research Scholar: Dr. Bhavani Shankar Panda (Awarded in September 2017, vide Notification No. CUTM/Exam/03/2017 Date. 25.09.2017)
- **University:** GIET University, Gunupur, Odisha, India
Topic: *Development of Covert Communication Approaches Maintaining Fair Tradeoff Among Diametrically Opposed Metrics and Solving the Boundary Issues*
Research Scholar: Mrs. Monalisa Sahu (Awarded in December 2023)

Ph.D. Continuing(15(Parttime))+1(Full Time))@SR University, Warangal, Telangana, India

- A Hybrid Federated ML model for Risk Analysis of Asthma Patients
- Automated Lung Cancer Detection and Diagnosis from CT Images using Deep Neural Architecture
- Explainable Deep Learning Models for Medical diagnosis of Parkinson's Disease
- AI- powered Data-Driven Cybersecurity Techniques: Boosting Threat Identification and Reaction
- Multi-Modal Deep Learning Framework for Rare Kidney Disease Detection: Integration of Focal Segmental Glomerulosclerosis (FSGS) Diagnosis, Progression Prediction, Treatment Response Analysis, and Patient Risk Stratification
- A Fusion of NLP & LLM for real-Time sentiment Detection in Crisis Communication on Twitter
- Plant Disease Detection Using Image Processing and Machine Learning
- Development of a hybrid federated machine learning Algorithm for Risk prediction and management in Asthma Patients

- Leveraging Artificial Intelligence for Early Detection of Depression, Stress and Anxiety through Social Media Text: A Novel Approach to Mental Health Monitoring
- Advancing Agricultural Yield Prediction through Deep Learning and Explainable Multi-Modal Data Integration: Towards Sustainable and Intelligent Crop Forecasting,
- Multi-Modal Stress and Anxiety Detection through Social Media Using Text and Visual Features: A Deep Learning Approach with Metaheuristic Fine-Tuning
- Predicting Consumer Purchase Intentions Using AI-Enhanced Behavioral Analytics and Psychographics
- Spatio-Temporal Explainable AI Framework for Multi-Modal Traffic Anomaly Detection and Severity Assessment: Towards Real-Time Intelligent Transportation Systems
- AI-Based Human Brain Wave Analysis for Neurodegenerative Disease Detection Using Deep Learning
- Security and Privacy for Large Language Models
- AI-Driven Cloud Architecture for Agricultural Digital Marketplaces

COMPETITIVE RESEARCH GRANTS

Completed

- Co-Investigator, “*Computer Simulation and Modeling of Microstructures of Electro-Deposited Iron and Studies on Fractal Images*” from January 2007 to January 2009. [File No. 8023/RID/NPROJ/RPS-74/2005-06 (Revalidated 2006-07) Dtd. 10.10.2006, Cost: Rs. 8.7L] Funded by **AICTE-RPS**. (Gandhi Institute of Engineering & Technology, Gunupur, Odisha (GIET University))
- Co-Principal Investigator, “*Design and Development of Prototype wearable Spectacle Device to get Audio/Speech from Image Documents and Moving Text*”, from July 2017 to March 2022. [File No. SEED/TIDE/158/2016 06th January 2017, Cost: Rs.34.67L] Funded by **DST-TIDE** (SEED Division) (GMR Institute of Technology (Autonomous), Rajam, Andhra Pradesh)

Project Works Carried out

- “*Generation of Daily Highlight Report for MIS Department of M & R Complex, NALCO, Damonjodi*” using UNIFY/ACCELL under UNIX environment at NALCO, Damonjodi (Koraput) in August – September 1991 for PGDCSA Course.
- “*Implementation of Similarity Relation in Fuzzy database using Oracle*” for M.Sc. (Comp. Science).

ACADEMIC ACHIEVEMENT/AWARDS

- **5th Position** in Math (Hons) at Berhampur University in 1986.
- **2nd Position** in PGDCSA at Berhampur University in 1991.
- **Ratified** as Assistant Professor from JNTUK, Kakinada (AP) in 2016
- Two published papers have been selected by **ACM** as Archival Papers for ‘**Portal**’.
- Awarded “**Best Researcher**” in International Scientist Award on Engineering, Science and Medicine by VDGOD Professional Association, Chennai on 14-15, September 2019 at Chennai, India.
- Awarded “**Certificate of Reviewing**” by Elsevier for reviewing 22 articles in Information Sciences since 2009 in March 2019.
- Selected as **Research Guide** for JNTUK, Kakinada (AP) in Computer Science and Engineering, 2021.

RESEARCH IDENTIFIERS

- Web of Science <https://www.webofscience.com/wos/author/record/I-2726-2019>
- Scopus Author ID <https://www.scopus.com/authid/detail.uri?authorId=6506951576>
- Publons <https://publons.com/researcher/1669250/sasanko-sekhar-gantayat>
- OrcidID <https://orcid.org/0000-0001-5518-7026>
- Google Scholar https://scholar.google.co.in/citations?hl=en&user=D_gMYx4AAAAJ
- Semantic Scholar <https://www.semanticscholar.org/author/S.-S.-Gantayat/145164609>
- DBLP <https://dblp.org/pid/46/3549.html>
- Researcher ID <http://www.researcherid.com/rid/B-1120-2016>
- Research gate <https://www.researchgate.net/profile/Sasanko-Gantayat>
- Mendeley <https://www.mendeley.com/profiles/sasanko-gantayat>
- E-Vidwan <https://vidwan.inflibnet.ac.in/profile/234656>
- Open Review https://openreview.net/profile?id=~Sasanko_Sekhar_Gantayat1
- LinkedIn www.linkedin.com/in/dr-sasanko-sekhar-gantayat-65153ab3

MEMBERSHIP OF PROFESSIONAL BODIES

- **Member**
 - IEEE (M93112715), IUCEE(IUCEEIM67), Institute of Engineers (I) (M-142901-3)
 - ACM -Computer Science Teachers Association (CSTA), (Membership No -2143394)
 - Academy & Industry Research Collaboration Center (AIRCC), India. (M-128740)
 - International Association of Engineers (IAENG)(M-114009)
 - World Research Union (WRU003012)
- **Life Member**
 - Indian Society for Technical Education (ISTE) (LM-66841)
 - Orissa Information Technology Society (OITS), Odisha
 - Indian Mathematical Society (IMS) (L-2010108/G-10-097)
 - Systems Society of India (SSI) (LM-31202)
 - Indian Society of Industrial and Applied Mathematics (ISIAM)
 - The World Scientific and Engineering Academy and Society (WSEAS)
 - International Rough Set Society (IRSS)
 - Indian Association of Mathematics Teachers (IAMT)
- **Senior Member**
 - Computer Society of India (CSI) (SM-01153414)
 - International Association of Computer Science and Information Technology (IACSIT) (SM-80339677)
- **Professional Member**
 - ACM, Membership No:1476649 (Client No. 2143394)
 - Institute for Engineering Research and Publication (IFERP)(PMIN90521378)
- **Society Member**
 - International Society of Computer Science of "International Organization of Scientific Research and Development (IOSRD)" (S201812024)
- **Registered Teacher**
 - Berhampur University (Regn. No. 6/2000)
 - Biju Patnaik University of Technology, Odisha (Regn No. T081721002)

INTERNATIONAL ACADEMIC SERVICE & VISIBILITY

Editorial Board Member:

- American Journal of Database Theory and Application (USA), Scientific & Academic Publishing (USA).

Reviewer (International Journals)

- Information Sciences (Elsevier-USA) since 2009.
- American Journal of Data Mining and Knowledge Discovery (AJDMKD), USA.
- WSES Journals since 2011.
- International Journal of Modeling and Optimization (IJMO), Singapore, since 2012.
- American Journal of Intelligent Systems, USA.
- American Journal of Computer Science and Engineering, Scientific & Academic Publishing, USA.
- International Journal of Computer Network and Distributed Systems, Inderscience Publications, 2014
- International Journal of Advanced Intelligence Paradigms (IJAIIP), Inderscience Publications.
- IGI Publications, USA (Book Chapters) Scopus Indexed.
- International Journal of Information Technology, Control and Automation (IJITCA), airccse.org
- Advances in Science, Technology and Engineering Systems Journal (ASTES Journal)
- International Journal on Cryptography and Information Security (IJCIS), Wireilla Scientific Publications, Australia, ISSN:1839-8626
- Journals of Scientific & Academic Publishing, USA.
- Int. J. of Embedded Systems (IJES), Inder Science, July 2023, Indexed in Scopus
- Connection Science, Taylor and Francis, UK, July 2023, Indexed in SCI

International Conferences (Session Chair)

- The Second International Conference on Advances in Computing and Information Technology (ACITY-2012), 13th ~15th July 2012, Chennai, India.
- The Second International Conference on Computational Science, Engineering and Information Technology (CCSEIT-2012), 26th~28th October 2012, Coimbatore, India.

Reviewer & Technical Program Committee Member (International Conferences)

- International Symposium on Intelligent Informatics (ISI'12), 4th ~ 5th August 2012, Chennai, India.
- International Symposium on Intelligent Informatics (ISI'13), August 2013, Mysore, India
- Third International Symposium on Intelligent Informatics (ISI'14), 24th~27th September 2014, Delhi, India.
- The Third International Conference on Intelligent Systems and Applications (INTELLI 2014), 22nd ~ 26th June 2014 - Seville, Spain, IARIA (International Academy, Research and Industry Association).
- The Fourth International Conference on Intelligent Systems and Applications, INTELLI 2016
- Second International Conference on Networks and Communications (NC 2014), 12nd ~13th July, Sydney, Australia.
- Third International Conference on Digital Image Processing and Vision (ICDIP-2014), 12nd ~13th July 2014, Sydney, Australia.
- IEEE Symposium on Computer Applications & Industrial Electronics (ISCAIE2016), Penang, Malaysia, 29th ~ 31st May 2016.
- IEEE International Conference on Emerging Technologies and Innovative Business Practices for the Transformation of Societies (IEEE EmergiTech 2016), 1st ~ 6th August. 2016, Mauritius.
- International Symposium on Computational Intelligence & Applications 2017 (ISCIA2017), Asia Simulation Conference (AsiaSim-2017), Malaysia
- International Conference on Advances in Computing, Communications and Informatics (ICACCI-17 & 18), Manipal, India, 2017 and 2018.
- IEEE Conference on Applications, Information and Network Security (AINS), 2017 and 2018,
- ICEECC 2017, ISI-2017, ICCISN'2017, IINTEC'17, ICW-TELKOMNIKA 2018, EECSI 2018, AIECon 2018, SCS-NSS 2018, WSCAR 2018, ICITeS'2018, ICEECC2018, IAPE'19
- ICFIR2019 (International Conference on Fourth Generation Industrial Revolution 2019)
- International Conference on Metaheuristics in Software Engineering and its applications (METASOFT-2022), Department of Computer Science and Engineering, Faculty of Engineering and Technology (ITER), Siksha 'O' Anusandhan (Deemed to be University), Bhubaneswar, ODISHA, India, 10-12 March, 2022.
- 4th International Conference on Computational Intelligence in Pattern Recognition (CIPR-2022), Indian Institute of Engineering Science and Technology, Howrah, West Bengal India, 23rd & 24th April 2022.
- IEEE Second International Conference on Computer Science, Engineering and Applications (ICCSEA-2022), GIET University, Gunupur-765022, Odisha, India, 8th September 2022.
- Reviewer, IEEE Symposium on Computers & Informatics (ISCI 2023), 4-15 October 2023, Shah Alam, Malaysia (Hybrid Conference) July 2023. Indexed in IEEE Xplore, Scopus
- 1st International Conference on Machine Intelligence and Data Science. 2024, Moodlakatte Institute of Technology, Karnataka, India.
- SCOPES2024- Signal Processing Communication Power and Embedded System 2024
- International Conference on Computational Intelligence and Autonomous Systems (ICIAS) 2025, Sir Padampat Singhania University, Udaipur, Rajasthan, India.
- International Conference on Digital Technology and Engineering (ICDTE-2025) from 16th to 17th October 2025, Dept. of Computer Science and Engineering, RV Institute of Technology and Management, Bengaluru.
- IEEE 7th Symposium on Computers & Informatics (ISCI) 2025, Kuala Lumpur, Malaysia,
- 1st International Conference on Green Artificial Intelligence and Industrial Applications (GreenAI-2025), GITAM University, Hyderabad, India
- International Conference on Devices for Integrated Circuit (DevIC 2025), Kalyani Government Engineering College, Kalyani, WB, India.
- 6th International Conference on Innovative Trends in Information Technology 2025 (ICITIIT 2025), IIIT Kottayam.
- International Conference on Methods in Data Science (MIDAS-25), Centurion University of Technology and Management, Paralakhemundi, Odisha-761211, India
- International Conference on Advances in Distributed Computing and Machine Learning (ICADCML-2026), NIT Jamshedpur, India
- Many more in 2025 & 2026

PROFESSIONAL/ CO-CURRICULAR ACTIVITIES

- External Examiner, Ph.D. Thesis, Anna University-Chennai, VIT University-Vellore (TN), Berhampur University-Odisha, Accra Institute of Technology (AIT), Accra- North-Ghana
- External Member, General Test Committee, M.S. and Ph.D., School of ITE & CSE, VIT University, Vellore (TN) from 2012.
- Question Paper setter of different Universities/Colleges.
- External Examiner of MCA, BCA & B.E./B.Tech Courses in different Colleges and Universities.

- Organizing Member of different Conferences, Workshops, and Seminars at the college level.
- Member, Central Examination Committee & Library Committee, GIET(now GIET University), Gunupur, Odisha.
- Coordinator, Model Presentation, STEP CONE-2013.
- Exam-In-Charge of different colleges/institutions.

ADMINISTRATIVE WORKS:

- **Coordinator:** MCA, M.Tech., BoS (Department), Department Research, Department Term Paper, Course Coordinator, Department Timetables, Department Criteria for NBA/NAAC.
- **Member:** Internal BoS, CSE & IT Department, Course Development (Autonomous), Mentor/Counselor, Academic Monitoring Committee Secretary, Examination in Charge in different Institutions, R & D Incharge of the Department, Assistant Dean-Admissions

PERSONAL DETAILS

Permanent Address: House No.4, Lotus Garden, Near Chotta Masjid, Begunia Lane-5, Jadupur, Bhubaneswar,753019, Dist. Khurdha (Odisha)

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|--|-----------------------------|
| • Father's Name : Late Padma Charan Gantayat | • Religion : Hindu |
| • Mother's Name : Late Padmalaya Gantayat | • PAN No. : AMGPG1272N |
| • Date of Birth : 04-February 1967 | • AADHAR No. : 220404175865 |
| • Gender : Male | • Passport No. : M5157745 |
| • Marital Status : Married | |

Date: 22 August 2026

Place:

(Dr. Sasanko Sekhar Gantayat)

DETAILS OF PATENTS AND PUBLICATIONS**INNOVATION & INTELLECTUAL PROPERTY**

- **Indian Patent: (Published)**

- Risk Measures and Management System for Financial Networks Using Regression Analysis (Patent No.: 202021033804 Publication Date (U/S 11A): 28/08/2020)
- A Novel Machine Learning-Enabled Wireless Communication Network Efficiency (Patent No.: 202441018376 Publication Date (U/S 11A): 29/03/2024)
- Integrated Vehicle Roof Solar Panel System for Enhanced Electric Vehicle Energy Efficiency (Patent No.: 202441068091 Publication Date (U/S 11A): 13/09/2024)
- A Framework for Ethical Artificial Intelligence with Integrated User Privacy Preservation and Accountability Mechanisms in Social Media Networks (Patent No.: 202541075082 Publication Date: 22/08/2025)
- Multilayer Threat Defense Framework with Trainable Prompt Firewall for Securing Large Language Models (Patent No.: 02541116022A Published: 12-12-2025)
- A Context-Aware Natural Language Processing Framework for Enhanced Analysis of Crisis Communication (Patent No.: 202541053576A Publication Date: 13-06-2025)
- An Advanced Deep Learning Architecture for Multi-Scale Feature Extraction and Enhanced Leaf Disease Detection Across Diverse Agricultural Conditions (Patent No.: 202541113128A Publication Date: 05-12-2025)
- A Hybrid Machine Learning-Deep Learning Framework Integrating Domain-Driven and Hierarchical Features for Robust and Generalizable Leaf Disease Classification (Patent No.: 202541113203A Publication Date (U/S 11A): 05-12-2025)
- A System for Empowering Farmers Through Digital Markets and Cloud Innovation (Patent No.: 202541090642A Publication Date: 24/10/2025)
- A System and Method for Deep Learning-Based Multi-Modal Biometric Authentication Using Biometric Feature Fusion and Presentation Attack Detection (Patent No.: 202641082937 A Publication Date (U/S 11A): 10.07.2026)
- A Fusion Of NLP and LLMs for Real-Time Sentiment Detection in Crisis Communication on Twitter (**Submitted**)
- An Explainable Multimodal Deep Learning Framework for Early Diagnosis and Clinical Decision Support of Parkinson's Disease (**Submitted**)

- **Indian Copyright:**

Python for Coding the Future of Medicine in Healthcare

Field of Invention: Computer Science

Diary No.: 19626/2022-CO/L (63384)

Class of Work Type: Literary/Dramatic

Date of Filing : 17/09/2022

RoC No. L-120401/2022 Date: 30/12/2022

Application Status: Registered

URL: <https://copyright.gov.in/frmStatusGenUser.aspx>

- **UK Design Patent: (Granted)**

AI Based Heart Disease Prediction Device

Design number: 6324120

Application Type: Design Grant Date: 15 November 2023

Registration Date: 04 November 2023

Application Status: Granted

International Design Classification:

Version: 14-2023

Class: 24 Medical and Laboratory Equipment

Subclass: 01 Apparatus and Equipment for Doctors, Hospitals and Laboratories

URL: <https://www.registered-design.service.gov.uk/find/6324120>

PUBLICATIONS IN BOOK CHAPTER:

- **S. S. Gantayat** and B. K. Tripathy, "**Application of Functional Approach to Lists for Development of Relational Model Databases and Petri Net Analysis**", *Global Trends in Knowledge Representation and Computational Intelligence*, Published by IGI Global, USA, Edited by B. K. Tripathy and D. P. Acharya, VIT University, Vellore, Tamil Nadu, INDIA, 2014. (**Chapter No.15**) DOI: <https://dx.doi.org/10.4018/978-1-4666-4936-1.ch015>, ISBN13: 9781466649361 (Indexed in Scopus and WoS)
- **Gantayat, S.S.**, Pimple, K.M. and Sree, P.K., "**IoMT Type-2 Fuzzy Logic Implementation**", *In Advances in Fuzzy-Based Internet of Medical Things (IoMT)*, Editors: S.P. Yadav, S. Yadav, P.R. Chelliah and V.H.C. Albuquerque, Wiley-Scrivener, **Chapter 12**, pp. 179-194, March 2024. ISBN: 978-1-394-24223-8
DOI: <https://doi.org/10.1002/9781394242252.ch12>,
Weblink: <https://onlinelibrary.wiley.com/doi/10.1002/9781394242252.ch12>,
<https://onlinelibrary.wiley.com/doi/book/10.1002/9781394242252> (Indexed in Scopus)
- Sri Rekha Uppuluri, **Sasanko Sekhar Gantayat**, "**Leveraging Social Networks for Cyber Threat Intelligence: Attack Trends, Cybersecurity Threat Detection Challenges, AI-Based Solutions, and Potential Opportunities in X**", *In AI-*

Driven Threat Intelligence Frameworks: Revolutionizing Enterprise Cybersecurity, Published by Bentham Science Publisher, Edited by Pundru Chandra Shaker Reddy, Yadala Sucharitha, Thillaiarasu N, Pp: 114-137 (24), 2026 ISBN: 979-8-89881-384-0, (Indexed in Scopus) DOI: [10.2174/9798898813840126010008](https://doi.org/10.2174/9798898813840126010008)

- Kiran Mysa, **Gantayat, S.S.**, “AI-Based Energy-Efficient Edge Computing in IoT-enabled Smart Agriculture and Renewable Energy Infrastructures.” (Accepted)
- Kiran Mysa, **Gantayat, S.S.**, “Cloud Computing for Geo-Environmental Hazard Analysis: AI and IOT Applications in Agriculture and Market Resilience”, New Technologies for Geo-Environmental Hazards / Advanced Computing, IoT, and AI for Risk Mitigation (WILEY-ISTE). (Accepted)
- Kiran Mysa, **Gantayat, S.S.**, “Cloud Computing and AI-Enabled Data Analytics”, to be published by Springer-CAIDA-2026 (Paper Number: 2), Book: “AI-Driven Cloud Analytics for Smart Agriculture and Digital Market Ecosystems” (Accepted)
- Kiran Mysa, **Gantayat, S.S.**, “Precision Agriculture 2.0: Integrating UAV Technology with Cloud Computing for Smarter Farming, Enhanced Productivity, and Data-Driven Agricultural Markets”, Book: Advancing Agricultural Productivity through Integrating UAV and Drone Technology in Smart Farming Practice, Jenny Stanford Publication (Accepted)
- SriRekha Uppuluri, **Sasanko Sekhar Gantayat**, “Case studies in AI-IOT-cloud applications for environmental monitoring”, Book: Sustainable AI-IoT-Cloud Solutions for Climate and Environmental Monitoring (Paper Number: 15), CRC Press. (Accepted)

PUBLICATIONS OF BOOKS:

- **Principles of Soft Computing Techniques (Paperback)**, Authors: Dr. Shivalal Mewada, Dr. Anil Kumar Bisht, **Dr. Sasanko Sekhar Gantayat**, Dr. Binda M B., ISBN: 978-93-5625-306-3, Scientific International Publications (SIP), Tamilnadu, India. 2022 (Book)
URL: <https://www.flipkart.com/principles-soft-computing-techniques/p/itma5a1c8c93ce09>
- **Computational Intelligence - AI Modern Approach (Paperback)**, Authors: Dr. S. Raviraja, **Dr. Sasanko Sekhar Gantayat**, Mr. Ronald Chiwariro, Dr. Kavitha H, ISBN: 978-93-5625-282-0, Scientific International Publications (SIP), Tamilnadu, India. 2022 (Book)
URL: <https://sipinternationalpublishers.com/product-detail.php?PID=Ndc5>
- **Internet of Things**, Authors: Mr. Vengalapudi Appalakonda, Prof. Sangareddy B. Kurtakoti, Dr. Sasanko Sekhar Gantayat, Mrs. Anitha Kumari R D, ISBN: 978-93-6132-958-6, Scientific International Publications (SIP), Tamilnadu, India. February 2024 (Book)
URL: <https://sipinternationalpublishers.com/product-detail.php?PID=MjIwMQ==>
- **Futuristic Trends in Computing Technologies and Data Sciences, Vol. 3, Book 7**, (Series Code: IIPV3EBS11_G37), Dr. Ravindra Namdeorao Jogekar, Dr. Sasanko Sekhar Gantayat, Dr. R. Sasikumar, Mr. Pagalla Bhavani Shankar, Iterative International Publishers (IIP), India/USA, e-ISBN: 978-93-6252-212-2, April 2024 URL: www.iipseries.org (Book)

PUBLICATIONS IN INTERNATIONAL JOURNALS:

SCI/WoS

- B. K. Tripathy & **S. S. Gantayat**, “*Some More Properties of Lists and Fuzzy Lists*”, *Information Sciences – Informatics and Computer Science: An International Journal (USA)*, Vol.166, issues 1-4, pp.167-179, 2004. ISSN: 0020-0255 (Included in ACM Portal). (Indexed in Scopus & SCI/WoS) (IF: 6.8)
DOI: <https://dx.doi.org/10.1016/j.ins.2003.10.014>
<https://www.webofscience.com/wos/woscc/summary/fe2da78d-a92b-4465-9f3d-8478b301d7bd-c746c095/relevance/1>
- Monalisa Sahu, Neelamadhab Padhi, **Sasanko Sekhar Gantayat**, “*Multi-directional PVD steganography avoiding PDH and boundary issue*”, *Journal of King Saud University - Computer and Information Sciences*, Available online 28 October 2021, Vol. 34, Issue 10, Part A, November 2022, Pp. 8838-8851 (ISSN: 1319-1578) (Indexed in: SCI, Scopus) (Impact Factor: 6.1)
DOI: <https://doi.org/10.1016/j.jksuci.2021.10.007>
- Monalisa Sahu, Neelamadhab Padhi, **Sasanko Sekhar Gantayat**, Aditya Kumar Sahu, “*Local binary pattern based reversible data hiding*”, *CAAI Transactions on Intelligence Technology*, John-Wiley, ISSN : 24686557, 24682322, Vol. 7, Issue 4, Pp. 695-709, December 2022. DOI: <https://doi.org/10.1049/cit2.12130> (Impact Factor: 7.3)
- I. Sundara Siva Rao, **Sasanko Sekhar Gantayat**, “*Quantum-Classical Hybrid Models for Multi-Class Arrhythmia Detection from ECG Signals*”, *IEEE Access*. January 2026 (SCIE-Q2) (Accepted)
- M. Priyanka, **Sasanko Sekhar Gantayat**, “*Systematic Review of Biometric Modalities and Fusion Strategies for Enhanced Multimodal Biometric Authentication*”, *International Journal of Computer Vision (SCIE-Q1)* (Submitted)

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- Kiran Mysa, **S. S. Gantayat**, **"Transforming Agriculture: Integrating 1D, 2D, and Quantum Materials with Cloud-Enabled Digital Marketplaces for Sustainable Farm Innovation"**, Poster presentation at 5th International Conference on Recent Advances in Material Science and Computational Techniques (RAMSACT-2025), December 18-20, 2025, at Manipal University Jaipur. **(Presented)**
- Karur Srinatha, **S. S. Gantayat**, **"Hybrid Federated Machine Learning Model for Risk Analysis of Asthma Patients"**, International Conference on Applied Physics, Engineering Innovations, and Sustainable Technologies (ICAES-2025) **IEEE Xplore-Scopus (Presented)**
- Kiran Mysa, **S. S. Gantayat**, **"AI-Driven Cloud Analytics for Smart Agriculture and Digital Market Ecosystems"**, CAIDA-2026 (Cloud Computing and AI-Driven Data Analytics) **Scopus (Presented)**
- G Koppula, **S. S. Gantayat**, **"Explainable and Multimodal Deep Learning for Parkinsons Disease Diagnosis and their Models Modalities and Clinical Integration: A Review "**, International Conference on Innovative Computing Technologies (ICAAAI 2025). **Scopus (Presented)**
- B Sumalatha, **S. S. Gantayat**, **"Recent Trends and Challenges in Automated Detection and Staging of Lung Cancer Using Deep Learning"**, 3rd International Conference on Algorithms In Advanced Artificial Intelligence (ICAAAI-2025) organized by the Department of Computer Science and Engineering, SRKR Engineering College (A), Bhimavaram, Andhra Pradesh from 11th to 13th December 2025. **Scopus (Presented)**
- Jyothi Rani, **S. S. Gantayat**, **"Federated and Privacy-Aware Intelligence for Asthma Risk Prediction Techniques Challenges and Future Directions"**, 3rd International Conference on Algorithms In Advanced Artificial Intelligence (ICAAAI-2025) organized by the Department of Computer Science and Engineering, SRKR Engineering College (A), Bhimavaram, Andhra Pradesh from 11th to 13th December 2025. **Scopus (Presented)**
- Md Hafeez, **S. S. Gantayat**, C. Pattnaik, **"Interpretability and Performance of Machine Learning Models in Breast Cancer Prediction: A Comparative Analysis"**, 1st International Conference on Smart Innovation and Soft Computing 2026 (SISCCON2026) **Scopus (Submitted)**
- B. Sumalatha, **S. S. Gantayat**, **"Recent Trends and Challenges in Automated Detection and Staging of Lung Cancer Using Deep Learning"**, IC3T 2025 **Scopus (Presented)**
- Md Hafeez, **S. S. Gantayat**, C. Pattnaik, **"Multimodal Data Fusion for Consumer Behavior Prediction using Multimodal Deep Learning Models"**, 1st International Conference on Smart Innovation and Soft Computing 2026 **Scopus (Submitted)**
- Brijis Fathima, **S. S. Gantayat**, **"Enhancing Plant Leaf Disease Detection Using CNN Feature Learning and Machine Learning"**, International Conference on Computational and Cognitive Systems Science (ICCCSS 2025), Paper ID: ICCCSS – 556 **Scopus (Presented)**
- Sunil Manohar Reddy K, **S. S. Gantayat**, **"Emotional Sentiment Analysis for Mental Health: Detecting Depression, Stress, and Anxiety from Social Media Data Using Advanced Natural Language Processing Models"**, Eighth International Conference on Soft Computing and Signal Processing (ICSCSP-2025), Malla Reddy College of Engineering & Technology, Hyderabad, India, June 20–21, 2025 **Scopus (Presented)**
- Brijis Fathima, **S. S. Gantayat**, **"Explainable Transformer Architectures for Multimodal Crop Yield Prediction: A Comprehensive Survey and the Louts Effect Transformer-Based Prototype Attention Network (LET-PAN)"**- 5th International Conference on Cognitive & Intelligent Computing (ICCIC 2025), 12-13 December 2025, Vasavi College of Engineering, Hyderabad, Telangana. **Scopus (Presented)**
- U Srirekha, **S. S. Gantayat**, **"Comparative Analysis Of XAI-Enabled ML And NLP Approaches for Intelligent Cyber Threat Detection and Response"**, 8th International Conference on Intelligent Computing and Communication (ICICC – 2025), CMR Technical Campus, Hyderabad, Telangana, India, 26 & 27 September 2025 **Scopus (Presented)**
- K Srinatha, **S. S. Gantayat**, **"Hybrid Federated Machine Learning Model for Risk Analysis of Asthma Patients"**, International Conference on Applied Physics, Engineering Innovations, and Sustainable Technologies (ICAES-2025), Geethanjali College of Engineering and Technology, Hyderabad, 28th and 29th November 2025 **(Presented)**

- G Sujatha, **S. S. Gantayat**, Srinivasa Rao T, "*A Short Survey on Traffic Anomaly Detection and Risk Assessment in Traffic Scenarios: An Application-Oriented Review, Analysis, and Research Challenges*", 5th International Conference on Innovative Mechanisms for Industry Applications (ICIMIA 2026), 5–7 October 2026 (**Accepted**)

WORKSHOPS ORGANIZED/RESOURCE PERSON:

Resource Person

- AICTE, New Delhi & ISTE sponsored "*Staff Development Programme in Soft Computing Applications in Data Mining*" at GMR Institute of Technology, Rajam, AP, May 7~18, 2008.
- "*Latex Workshop*", Department of CSE, GMR Institute of Technology, Rajam, AP, April 2013.
- Five Day online National Faculty Development Program, "*Recent Trends in Big Data, Data Science and its Applications- (RTBDA-2021)*", June 05~09, 2021, delivered a talk on "Regression Models in Data Science", GMR Institute of Technology, Rajam, AP.

Organized as Coordinator

- Five-day National Online Faculty Development Program, "*Emerging Research Trends in Computer Science and Engineering (ERTCSE-2020)*", October 19~ 23, 2020, GMR Institute of Technology, Rajam, AP.
- Seven-day Internal Faculty Development Program on "*Sensors using C*" from October 21~02 November 2022, Department of CSE and ECE collaborated with Udiyate Technologies Private Limited, Bengaluru, Karnataka, India, Gandhi Institute For Technology (Autonomous), Bhubaneswar, Odisha.

WORKSHOPS & FDPS ATTENDED:

- "*IEEE Workshop on Cryptology*", IIT, Kharagpur, September 24~ 25, 2005.
- "*Data Mining & WEKA: A Datamining Tool*", Gandhi Institute of Engineering & Technology, Gunupur (Odisha), February 16~17, 2008.
- IBM Sponsored Workshop on "*IBM I.T. Infrastructure Management*" at Gandhi Institute of Engineering & Technology, Gunupur (Odisha) from May 8~ 10, 2008.
- "*Soft Computing Techniques*" at Gandhi Institute of Engineering & Technology, Gunupur (Odisha), Aug 22~24, 2008.
- "Mission 10X Programme of **WIPRO**", Gandhi Institute of Engineering & Technology, Gunupur (Odisha), March 3~5, 2008.
- "*Patent and Copyrights for Maximizing Research Impact (PCMRI-2K5)*", GMR Institute of Technology, Rajam (AP), December 26~27, 2015.
- "*Question Paper Preparation*", GMR Institute of Technology, Rajam (A.P.), November 26~27, 2016.
- "*Machine Learning*", Andhra University College of Engineering, Visakhapatnam (AP) organized by CSI Visakhapatnam Chapter, December 15~17, 2017.
- "*Biological Inspired Computing and Applications (BICA-2018)*", GVP College of Engineering for Women, Visakhapatnam, April 6~8, 2018, Sponsored by **DST**, New Delhi.
- "*Data Analytics & Machine Learning*", GMR Institute of Technology, Rajam (A.P.), April 26~27, 2019.
- "*Blockchain Technology*", Bennet University, Noida and Marwadi University, Rajkot, Gujarat, May 13~17, 2020. (Online)
- "*Basics of Python Programming*", Dr. C V Raman University, Bilaspur (CG), 27-28 July 2020 (Online)
- "*Data Analysis and Visualization*", Ramanujan College, Delhi University, New Delhi, June 8 - June 14, 2023.
- "*Summer Institute in Mathematics*" at Sambalpur University, Odisha 15th June-15th July 1995. (Online)
- "*Advancements in Privacy Preserving Data Mining*", **GIAN** Course (MHRD, India) at NIT, Goa from December 19~29, 2016.
- "*Sensor Networks and IoT*", GMR Institute of Technology, Rajam, AP in association with **NIT** Warangal, February 14~19, 2017.
- "*Machine Learning and Data Analytics using Python*", EICT Academy, **IIT** Roorkee, April 15~22, 2020.
- "*R Programming*", JSPM's Rajarshi Shahu College of Engineering, Tathawade, Pune (MH) in collaboration with Spoken Tutorials, IIT Bombay, April 23~28, 2020.
- "*Improving Your Research Visibility – Research Impact and Metrics*", VCET, Thindal, Erode, Tamil Nadu, May 11~13, 2020.
- "*Augmented Reality/Virtual Reality*", **AICTE-ATAL**, CSE Department, Punjab Engineering College, Chandigarh, May 18 ~ 22, 2020
- "*Cyber Security and Digital Forensics*", ISTSW, Rajanagaram, East Godavari, AP, May 21~23, 2020.
- "*Ruby and Perl Programming*", St. Peter's Engineering College, Hyderabad in association with Spoken Tutorials, IIT Bombay, June 3~ 8, 2020.
- "*AI and its Applications*", Rama Chandra College of Engg., Eluru, AP, May 25~30, 2020.
- "*Data Science for Biomedical Applications*", Velalar College of Engg and Tech, Erode (TN), May 26 ~ 01 June 2020.

- “Cyber Security and Digital Forensics”, International School of Technology and Science for Women, East Godavari, AP, May 21~23, 2020.
- “Data Science and ML”, GMR Institute of Technology, Rajam, AP, May 14~16, 2020.
- “Development of Laboratory Instructions”, **NITTR**, Kolkata, June 15~19, 2020.
- “New Teaching Strategies and Techniques”, SSM Polytechnic, Vijayapur, Karnataka, June 29~03 July 2020
- “Block Chain and its Applications”, GMRIT, Rajam, AP, June 10~15, 2020.
- “Information Security and Cryptography”, Lendi Institute of Engg and Technology, Vizianagaram (AP), June 20~22, 2020
- “Data Science”, **AICTE-ATAL**, College of Technology and Engg., Udaipur, Rajsthan, June 22~26, 2020
- “The Frontiers of Cloud Computing and High-Performance Computing”, GMR Institute of Technology, Rajam (A.P.), June 19~21 2020
- “Online Teaching Learning Processes using ICT Tools for Education 4.0”, St. V P College of Engg and Technology, Nagpur (Maharashtra) June 08~13 2020
- “Exploring the Nuances of Deep Learning for Research Applications”, Karunya Inst of Tech and Sciences, Coimbatore (TN), July 13~17 2020
- “Emerging Trends in Data Science and IoT”, **Arka Jain** University, Jamshedpur, Jharkhand, July 20~25 2020
- “Advanced Deep Learning Applications with Python”, AICTE-STTP, **Anurag** Group of Institutions Hyderabad, July 27 ~ 01 Aug 2020
- “LaTeX and Its Applications for Researchers”, VV College of Engg, Mysuru (Karnataka), July 20~24 2020.
- “Information Security & Privacy in Cyberspace”, GMRIT, Rajam, July 27~31 2020
- “Challenges and Opportunities in AI and ML”, B K Institute of Technology, Bhalk (Karnataka), July 20 ~ 24 2020
- “Machine Learning and Computer Vision: Applications, Research and Challenges (MLCV2020)”, **NIT** Silchar & Guwahati University Institute of Science & Technology, Guwahati, Assam, August 24~18 2020
- “Building Cyber Physical Systems”, **AICTE-STTP**, Srikrishna College of Engineering, Coimbatore, August 03~08 2020
- “Emerging Trends & Technologies in Data Science”, GMRIT, Rajam, August 24 ~ 29 2020
- “ML for Medical and HealthCare Applications”, **AICTE-STTP**, Vellalar College of Engg and Tech, Erode (TN), August 03~08 2020
- “PYCODE@HITAM”, organized by HITAM, Hyderabad, August 10~14 2020
- “Big Data Analytics”, **AICTE-STTP**, S N College of Engg, Tiruchirappalli, TN, August 03~08 2020
- “AI using Python”, organized by Brain O Vision, from 14~19 September 2020
- “Predictive Analytics and Machine Learning using R programming and KNIME”, **AICTE-STTP**, Hindustan College of Engg & Tech, Coimbatore, TN, September 21~26 2020
- “Python Programming”, **APSSDC**, AP September 24 Aug ~ 05 2020
- “Human Values, Ethics, Morals, Behavioral Sciences and Attitudes”, **AICTE-STTP**, KIIT College of Engg, Gurugram, September 10~15 2020
- “Data Science and Applications in STEM”(50 Hours), organized by **Andhra University**, **JNTUK** and **APSCHE**, September 07~21 2020
- “Advanced Deep Learning Techniques with Python”, **AICTE-STTP**, Anurag University, Hyderabad, September 31 Aug~05 2020
- “Emerging Research Trends in Computer Science and Engineering (ERTCSE-2020)”, GMR Institute of Technology, Rajam, AP, October 19~23 2020.
- “Artificial Intelligence and Machine Learning with Data Science”, AICTE-STTP, Guru Nanak Dev College of Engineering, Ludhiana, Punjab, November 02~07 2020.
- “Quantum Computing”, **AICTE-ATAL**, MNIT, Jaipur, Rajasthan November 23~27 2020.
- “Feature Analysis Using AI ML”, **AICTE-ISTE**, Induction Refresher Programme, Sri Krishna College of Engineering and Technology, Coimbatore, TN December 07~12 2020.
- “Speech Processing Using Deep Learning”, **AICTE-ATAL**, IIT Dharwad, Karnataka, December 28 2020 ~ 01 January 2021.
- “Advanced Training Program on Teaching (Phase-I)”, **AICTE - ISTE**, Induction / Refresher Program, Malla Reddy Engineering College (Autonomous), Hyderabad, Telangana, February 09~15 2021.
- “Artificial Intelligence”(100 Contact Hours), **APSSDC** and **EXCEL R**, January 7th ~ 12th March 2021.
- “Data Science with Statistical Methods Using R Programming- Basic Course”, **AICTE-ATAL**, Amity University, Lucknow, UP June 21~ 25 2021.
- “Advancements in Data Analytics using Informatica”, Vignan’s Institute of Engineering for Women, Visakhapatnam, AP June 21~ 25 2021.
- “Achieving Excellence in Teaching, Research and Commercialization”, **Amity University**, Kolkata, July 19~23 2021.
- “Quantum Information System and Machine Learning”, Ramaiah Institute of Technology, Bengaluru, in association with IEEE-CIS Bangalore Chapter August 23~27 2021.
- “Quantum Computing”, **Electronics & ICT** Academies and **IBM** India, September 27 - October 08, 2021.
- “Data Science with Statistical Methods Using R Programming- Basic Course”, **AICTE-ATAL**, Amity University, Lucknow, UP January 10~ 14 2022.
- “Getting started with SAS and Open Source, Machine Learning with SAS”, **SAS**, September 4~5 2023. (Online)
- “Machine Learning and Artificial Intelligence”, ExcelR Edtech Pvt. Ltd., August 12~19 2024. (online)

- “AI Applications in Banking and Healthcare Industry”, K.J. Somaiya Institute of Technology Sion, Mumbai, August 12~16, 2024 (Online)
- “IBM Data Analytics using COGNOS”, **K L University**, Vijayawada (AP) and **IBM**, September 2023 (Offline)
- “Digital Professors: Transforming Higher Education with ICT”, **STP, UGC - Malaviya Mission Teacher Training Centre**, Gujarat University, September 08~13 2025, (online)
- “Gen AI & Chat GPT Application in the Industry”, SJC Institute of Technology, Chikkaballapur, January 27~ 01 February 2025
- “Deep Learning and Optimization for Healthcare”, **Electronics and ICT Academy, NIT Patna**, February 24~ 03 March 2025
- “Emerging Trends in Data Analytics and Visualization using Cloud Technologies”, GMR Institute of Technology, March 17~21 2025
- “Security and Threats of Generative AI in Biometric”, **GIAN, PDPM IITDM** Jabalpur, December 18~23, 2025 (Offline)
- “Building Teaching and Learning Skills using Artificial Intelligence Tools for Innovative Pedagogy in Higher Education”, **JIS University**, Kolkata and **AIU-AADC**, February 05~10 2026.
- “Generative & Agentic AI-Tools and Demo”, **SVNIT**, Ahmedabad, February 16~21 2026.

ONLINE COURSES COMPLETED:

- “Predictive Analysis”, SWAYAM-MHRD-AICTE, 2018, (4 Weeks)
- “Exploring Data: Graphics and Numerical Summaries”, OpenLearn (The Open University), 2018, (20 Hours)
- “Visualization: Visual Representation of Data and Information”, OpenLearn (The Open University), 2018, (8 Hours)
- “Learn Graph and Social Network Analytics using Python”, Udemy, 2019. (6.5 Hours)
- “Machine Learning for Engineering and Science Application”, NPTEL FDP, 2019, IITM, Chennai. (12 Weeks)
- “Crash Course in Deep Learning with Google Tensor Flow”, Udemy, 2019. (4 Hours)
- “Designing Digital Solution”, SWAYAM-MHRD-AICTE, 2019. (50 Hours)
- “Social Networks”, NPTEL FDP, 2019, IITM, Chennai. (12 Weeks)
- “Learning Python for Data Analysis and Visualization”, Udemy, 2020. (21 hours)
- “The Data Science Course 2020: Complete Data Science Boot Camp”, Udemy, 2020. (29 hours)
- “Machine Learning and Deep Learning in Python and R”, Udemy, 2020. (35 hours)
- “Machine Learning A-Z: Hands on Python and R in Data Science”, Udemy, 2020 (44.5 Hours)
- “Machine Learning with R-Studio-ML”, Udemy, 2020 (13 Hours)
- “R Programming”, Udemy, 2020 (21 Hours)
- “Bayesian Method for Machine Learning”, Coursera with Honour, 2020, (6 Weeks-33 Hours)
- “Structuring Machine Learning Projects”, Coursera, 2020, (6 Weeks)
- “SQL for Data Science”, Coursera, 2020, (4 Weeks/14 Hours)
- “The Data Scientist’s Toolbox”, Coursera, 2020, (4 Weeks/18 hours)
- “Structuring Machine Learning Projects”, Coursera, 2020, (2 Weeks/ 8 Hours)
- “The Complete Python Course: Beginners to Advanced”, Udemy, 2020 (18 Hours)
- “Convolutional Neural Networks”, Coursera, 2020 (4 weeks/20 hours)
- “R Programming”, Coursera, 2020 (4 weeks/57 hours)
- “Data Science using Python”, NPTEL FDP, 2022, IITM, Chennai. (12 Weeks)
- “Big Data Computing”, NPTEL FDP, 2022, IIT, Patna. (8 Weeks)
- “Design Thinking Innovation”, Coursera, 2023, (5 Weeks)
- “Optimization for Decision Making”, Coursera, 2023, (4 Weeks)

(Dr. Sasanko Sekhar Gantayat)