

Curriculum Vitae

Name: Sandip Gangadhar Hiwale

Address: H. No.-2-14-434/A, Sundar Nagar, Nageshwarwadi,
Aurangabad

E-mail: sandip.hiwale@mit.asia

Mobile: 9923146503

Date of Birth: 10th August, 1982



Academic Credentials

Class/ Degree	Specialization	Institution	University	Year	%/CGPA	Class
M. Phil	Mathematics	Algappa Karaikudi	Algappa University Karaikudi	2007	62	<i>First Division</i>
M.Sc.	Mathematics	Maulana Azad Auranagab	Dr. BAMU Aurangabad	2006	60	<i>First Division</i>
B.Ed.	Science	PSGVPM Shahada	NMU Jalgaon	2005	64.91	<i>First Division</i>

M. Tech. Project:

Ph. D. Research: Pursuing Ph.D. in Mathematics at Swami Ramanand Teerth Marathwada University, Nanded.

Key Research Areas: Differential Equation

Experience

Sr. No.	Organization	Post	From To	No. of Years
1	Maharashtra Institute of Technology	Assistant Professor	3 rd Aug, 2007 to Till date	18

List of Courses Taught/Teaching at UG level

- Engineering Mathematics - I
- Engineering Mathematics - II
- Engineering Mathematics - III
- Engineering Mathematics – IV
- Vector and Partial Differential Equation
- Probability and Random Theory
- Linear Algebra & Transform
- Indian Knowledge System

List of Courses Taught/Teaching at PG level

- Quantitative Technique

Additional Assignments/Duties

- Working as Extra-curricular Club coordinator in institute 2023-24, 2024-25.
- Worked as SIP coordinator in institute 2023-24.
- Working as NCC member in institute 2022-23.
- Worked as NCC coordinator in institute 2020-21.
- Worked as member of Merit list verification in DTE. RO office 2020-21.
- Worked as committee head of video and photographer for Autonomy UGC Expert Team Visit.
- Worked as member of Out-Reach program 2020-21.
- Working as member of 'ANTI RAGGING' committee 2020-21.

- Worked as member of 'ANTI RAGGING' committee 2019-20.
- Worked as member of Institute Induction Program Cell 2019-20.
- Worked as member of Facilitation Centre (FC) 2019-20.
- Worked as member of 'ANTI RAGGING' committee 2018-19.
- Worked as Subject Expert for interviews of Faculties in CIPET: CSTS Aurangabad 2018-19.
- Worked as understudy in University exam Nov/Dec 2017-18.
- Worked as Subject Expert for Engineering Mathematics-II syllabus revision, First Year B. Tech 2016-17.
- Worked as member of 'Central Library committee' 2016-17.
- Worked as sport coordinator 2016-17.
- Worked as member of 'ANTI RAGGING' committee 2016-17.
- Subject expert for revision of First Year B. Tech (All) 2016-17 Syllabus.
- Worked as member of 'Green Campus Club' 2015-16.
- Worked as member of 'Central Library committee' 2015-16.
- Worked as sport coordinator 2015-16.
- Worked as member of 'ARC' Centre for Engineering 2015-16 (B. Tech).
- Worked as member of 'Central Library committee' 2014-15.
- Worked as member of 'ARC' Centre for NBA 2015-16.
- Worked as Member of 'National Institute of Ranking Framework' (NIRF) 2016.
- Worked as Member of 'National Institute of Ranking Framework' (NIRF) 2015.
- Board of Studies 2015.
- Worked as member of 'ARC' Centre for Engineering 2014-15.
- Worked as Departmental NBA coordinator 2014.
- Worked as Member of physical verification of library 2010-11.
- Worked as 'Observer' in 'Academic Audit and Faculty Evaluation' Sept. 2013.
- Worked as Departmental NBA coordinator Jan 2013.
- Worked as Chairman of Physical dead stock and physical verification of library June 2012.
- Worked as member of Governing body meeting 2012.
- Member of Revision of syllabus committee (M-I and M-II) 2011.
- Worked as Member of physical verification of library 2010-11.
- Worked as understudy in University exam Nov/Dec 2011.
- Examiner / Moderator for CAP YCMU open university, Nashik 2009.

- Worked as Member of Admissions Committee for MIT from 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2016, 2017, 2019, 2020, 2021, 2022, 2023, 2024.

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- Worked as organizing committee member of Techno Minds 2k21 2020-21.
 - Worked as member of TARUNYABHAN 2019-20.
 - Worked as Registration committee member of Sciclone Feb 2019.
 - Worked as judge for the event 'Project and Poster Exhibition' named as 'DEEPSHIKHA, on 29th Sept. 2018.
 - Worked as Coordinator of Sport Badminton (Single and Doubles), Foolsal for Annual Social Gathering of MIT 2018.
 - Worked as Coordinator of Sport Badminton (Single and Doubles) for Annual Social Gathering of MIT 2017.
 - Worked as Chairman of Disciplinary Committee Member for Annual Social Gathering of MIT. (Kalavihangam 2018)
 - Worked as Volunteer in Pagariya Auto 6th Get Going Marathon 2017.
 - Worked as Convener in SCI-clone 2016-17.
 - Worked in 'SuryaKumbh' Feb. 2016.
 - Worked as Co-convener in SCI-clone 2014-15.
 - Worked as member of Techno- Millennium 2012.
 - Worked as Expert speaker, Judge Escorting Committee in Sciclone 2012.
 - Worked as member of Industrial visit Organizer 2011-12 (Sem.-II).
 - Worked as Team manager in 'Yuvak Mohasav'2011-12.
 - Worked as Member of Disciplinary Committee Member for Annual Social Gathering of MIT.
 - Worked as Hall & Seminar Hall committee member, organizing committee of Sciclone Feb 2011.
 - Worked as Disciplinary Committee member for Annual Social Gathering 2010-11
 - Worked as Hall & Seminar Hall committee member of Techno- Millennium 2010.
 - Worked as organizing committee member for Sciclone - Feb 2010.
 - Worked as judge for the event 'GENESIS 2k9' in 2009-10 (Essay Writing).
 - Worked as a organizing committee member of the 7th ISTE student convocation of Maharashtra & Goa Chapter 'RUTUMBHRA 08' held on 15-16 Feb. 2008 at MIT,

Aurangabad (M.S.)

Membership of Professional Bodies

- Life member of Marathwada Mathematical Society.
- Member of IAENG International Association of Engineers.

Computer/Software Proficiency

- MS office

Seminar/Workshop/Industrial Training/STTP/FDP/CEP/Conference Attended

- Participated in Workshop on Assessment of Learning Outcomes in OBE, Maharashtra Institute of Technology, Chh.Sambhajinagar on 19th April, 2025
- Participated the Online Refresher Course in Mathematical Sciences under Malaviya Mission Teacher Training Programme (MM-TTP) of the University Grants Commission (UGC) organized by MMTTC, Tezpur University in collaboration with Dept. of Mathematical Sciences, Tezpur University from 11/12/2024 to 24/12/2024.
- Participated Short Term Training Program (STTP) on Applied Mathematics in Science and Engineering organized by Department of Engineering Science, K J College of Engineering and Management Research, Pune from 22-July-2024 to 26-July-2024.
- Participated in AICTE recognized Faculty Development Program on Developing Soft Skill , Education and Education Management department, NITTTR, Chandigarh from 12th February to 16th February 2024.
- Participated in the Faculty Development Program on SageMath, KG College of Arts and Science, Coimbatore from 26th June to 30th June 2023.
- Participated in International Symposium on Industrial Mathematics Applications of Mathematics in Real World and Artificial Neural Networks, Department of Mathematics, Data Science and Analytics, Hindusthan College of Arts & Science, Coimbatore on 11th March, 2023.

- Participated in the Faculty Development Program on Numerical and Statistical Methods with Engineering Application, Applied Science Department, NITTTR, Chandigarh from 20th February to 24th February 2023.
- Participated in the Faculty Development Program on LaTeX and MATLAB (L&M-2023), G H Rasoni College of Engineering, Nagpur Sponsored by Atomic Minerals Directorate for Exploration and Research (AMD), DAE, Govt. of India, Hyderabad from 30th January to 3rd February 2023.
- Participated in the Faculty Development Program on Effective Pedagogy for Science, Departments of Physics and Mathematics, JMJ College for Women (Autonomous), Tenali Guntur from 29th November to 3rd December 2022.
- Participated in Professional Development Program on Writing Research Articles in Mathematics & Statistics, Little Flower Degree College and P.G. & Research Department of Mathematics, Auxilium College, Gandhi Nagar, Vellore from 26th to 30th September 2022.
- Participated in the Five day International Faculty Development Program on Mathematical Programming-2022, PPG College of Arts and Science, Coimbatore from 20th to 25th April, 2022
- Participated in one week Faculty Development Programme on Outcome Based Teaching-Learning, Pravara Rural Engineering College, Loni from 21st to 25th March, 2022.
- Participated in national workshop on Research Methodology on Mathematical Sciences, Rajeshree Shahu Mahavidyalaya (Autonomous), Latur on 14th March, 2022.
- Participated in national workshop on Introduction to R Programming, Kai. Rasika Mahavidyalaya, Deoni from 3rd to 5th February, 2022.
- Participated in International Symposium on Mathematical Sciences and Their Applications: MSATA-2022, Yogi Vemana University, Kadapa from 28th to 29th January, 2022
- Participated in the national webinar on Fractional Calculus, Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon from 20th to 22nd October, 2021.
- Participated in the the National Conference on Recent Advances for Innovative Research in Mathematics, Indira Gandhi Kala Mahavidyalaya, Ralegaon, Yavatmal on 28th September, 2021.

- Participated in the International Conference on Mathematical Modelling, Applied Analysis and Computation (ICMMAAC-21), JECRC University, Jaipur from 5th & 7th August, 2021.
- Participated in the Faculty Development Programme on Recent Trends in Applications of Mathematics (RTAM), Chadalawada Ramanamma Engineering College (Autonomous), Tirupati from 12th to 17th July 2021.
- Participated in the Faculty Development Program on Mathematics and Statistics in Engineering Field, KPR Institute of Engineering and Technology, Arasur, Coimbatore from 5th to 10th July, 2021.
- Participated in the International Virtual Conference on Computational Mathematics-2k21, International Virtual Conference on Computational Mathematics-2k21, PPG college of Arts and Science, Coimbatore on 24th & 25th June, 2021.
- Successfully completed one week online Short Term Training Program (STTP) on Applications of Mathematics, Adik Institute of Technology, Nerul, Mumbai from 24th to 26th June, 2021.
- Participated in the Virtual Summer Faculty Development Program on Emerging Trends in Mathematics and Statistics, Sree Saraswathi Thyagaraja college, Coimbatore from 2nd to 8th June, 2021.
- Attended one day workshop on OBE Concept & Implementation and Digital Preparedness for NBA, Maharashtra Institute of Technology (An Autonomous Institute), Aurangabad on 29th May, 2021.
- Participated in the webinar on Hands on Training on Statistic Using R-programming, KPR Institute of Engineering and Technology, Arasur, Coimbatore on 25th May, 2021.
- Participated in the national webinar on Mathematical Approaches in Science and Engineering, Lords Institute of Engineering and Technology on 22th May, 2021.
- Attended Educational Summit on Outcome Based Education (OBE) and National Assessment and Accreditation Council (NAAC), Maharashtra Institute of Technology (An Autonomous Institute), Aurangabad on 14th and 15th May, 2021.
- Attended webinar on National Education Policy 2020, G.S. Mandal Maharashtra Institute of Technology, Aurangabad on 10th April, 2021.

- Participated in a two days workshop on An Insight into Mathematical Modelling in Information and Communication Engineering (MMICE), Sri Sivasubramaniya Nadar College of Engineering, Kalavakkam, Chennai on 26th and 27th March, 2021.
- Participated in the AICTE-ISTE sponsored one week virtual refresher program on Applied Mathematics, M. Kumarasamy College of Engineering, Karur from 15th March 2021 to 20th March 2021.
- Successfully completed five days online FDP on An Introduction to Statistics in Engineering, National Institute of Technology Manipur sponsored by All India Council for Technical Education (AICTE), Langol, Manipur during 15th to 19th March, 2021.
- Participated in The Faculty Development Programme on Listening Students Mathematical Voice (LSMV), Rathinam College of Arts and Science, Coimbatore-21 on 9th February, 2021.
- Participated in a research study on Impact on Faculty Development Programmes (FDPs) for Technical Teachers in India, National Institute of Technical Teachers' Training and Research, Bhopal on 11th January, 2021.
- Attended webinar on Process of Innovation Development, G.S. Mandal Maharashtra Institute of Technology, Aurangabad on 8th January, 2021.
- Participated in 9th National Conference on Mathematics Education during 20th to 22nd December, 2020 organized by National Council of Educational Research and Training Regional Institute of Education, Bhopal.
- Participated in the webinar on Singular Value Decomposition and its Applications, Sacred Heart College of Women, Chalakudy on 30th December, 2020.
- Participated in the faculty development program on Maths India Week Celebration, Rathinam College of Arts and Science, Coimbatore-21 from 14th to 22nd December, 2020.
- Participated in the faculty development program on Applications of Mathematics and Statistics in Engineering (AMSE-2020), Malla Reddy Engineering College (Autonomous), Secunderabad from 23rd to 27th November, 2020.
- Participated in the faculty development program on Recent Developments in Mathematical Sciences (RDMS), Central University of Jharkhand, Ranchi, from 6th to 10th November, 2020.

- Participated in the National Webinar on Radial Graphs and its Applications, VET Institute of Arts and Science, Erode on 23 October, 2020.
- Participated in the International Conference on Emerging Trends in Mathematics and Statistics (ICETMS-2020 online) during 21st to 23rd October, 2020 organized by Post Graduate Department of Mathematics & Statistics and IQAC, St. George's College Aruvithura, Kottayam in association with Kerala Mathematical Association (KMA).
- Participated in the online workshop on Universal Human Value on the theme Inculcating Universal Human Values in Technical Education, All India Council for Technical Education (AICTE) from 12th to 16th October, 2020.
- Participated in the One Day International Webinar on Technological Trends in Mathematics and Statistics (TTMS-2020), Yashwantrao Chavan Institute of Science, Satara on 26th September, 2020.
- Attended a webinar on New Way of Effective Teaching Learning, Deogiri Institute of Engineering and Management Studies College, Aurangabad on 17th September, 2020.
- Participated in the international workshop on Geometry of Continued Fractions: Ramanujan and his successors, Central University of Himachal Pradesh, Dharmshala, Kangra, Hamachal Pradesh on 14th & 15th September, 2020.
- Participated in the Five Days International e-Seminar on Recent Research in Mathematics (ISRRM-2020), Gandhi Institute of Technology and Management (GITAM), Bengaluru from 11th to 15th September, 2020.
- Participated in the international webinar on Mathematics in Data Analysis and Internet Security During Covid-19 Pandemic, Kalyani Mahavidyalaya, Kalyani, Nadia, West Bengal on 9th & 10th September, 2020.
- Participated in a national webinar on How to Handle Mathematical Lectures Using Online Technological Tools Guru Nanak Centre for Research (GNCR), Guru Nanak College (Autonomous), Guru Nanak Salai, Velachery, Chennai on 5th September, 2020.
- Participated in one week online Short Term Training Program (STTP) on Linear Algebra and Statistic for Engineers and Scientists (LS and SES-2020), Government College of Engineering, Aurangabad from 2nd Sept. to 6th Sept., 2020.
- Participated in a two days national workshop on Challenges and Opportunities for Mathematics in the Present Global Scenario Govt. Shyama Prasad Mukharjee

College, Sitapur, Surguja and Sarswati Mahavidyalaya Sitapur, Surguja Chhattisgarh on 30th and 31st August, 2020.

- Participated in the four day faculty development program on Applications of Mathematics in Engineering (Series-IV), KPR Institute of Engineering and Technology, Arasur, Coimbatore from 25th to 28th August, 2020.
- Successfully completed one week online Short Term Training Program (STTP) on TRAINING OF TRAINERS (UNDER TCL PROJECT), National Institute of Technical Teachers' Training and Research, Bhopal (Ministry of Human Resource Development) from 17th to 21st August, 2020.
- Participated in national webinar on Dealing with Mental Health during Covid-19, The S.I.A. college of Higher Education, Thane on 17th August, 2020.
- Successfully completed a two days workshop on Python Software Modern college of Arts, Science and Commerce Ganeshkhind, Pune on 13th and 14th August, 2020.
- Participated in online Short Term Training Program (STTP) on Matlab and Mathematica for Scientific Research, Arul Anadar College (Autonomous), Madurai from 27th July to 29th July, 2020.
- Participated in three day national webinar on Advances in Mathematics, Shrikrishna Mahavidyalaya, Gunjoti on 24th to 26th July, 2020.
- Attended one day national webinar on Advances & Applications of Mathematics, M. S. P. Mandal's Art's, Commerce & Science College Kille-Dharur on 22nd July, 2020.
- Participated in the five day faculty development program on Mathematical Concept by Using Free Open Source Softwares (Foss), BMS Institute of Technology and Management, Bengaluru on 21st to 25th July, 2020.
- Attended one week online Short Term Training Program (STTP) on Application of Mathematical Sciences, K.D.K. College of Engineering in association with Indian Society for Technical Education, New Delhi (ISTE) on 13th July to 18th July, 2020.
- Attended webinar on Writing Research Paper, G.S. Mandal Maharashtra Institute of Technology, Aurangabad on 7th July, 2020.
- Participated in webinar on Qualitative Theory of Nonlinear Fractional Differential Equations, Milind College of Science, Aurangabad on 5th July, 2020.
- Attended National level one week online faculty development program on

MATHEMATICS: A Practical Approach in Science and Technology, Deogiri Institute of Engineering and Management Studies College, Aurangabad on 28th June to 3rd July, 2020.

- Completed two week online faculty development program (MOOC) on Effective Use of ICT Tools in Online Teaching, G.S. Mandal Maharashtra Institute of Technology, Aurangabad on 22nd June to 4th July, 2020.
- Attended national webinar on Application of Algebra and Analysis, Shri Muktanand College, Gangapur, Dist. Aurangabd on 14th June, 2020.
- Attended webinar on Outcome Based Education Software, vmedulife software services on 11th June, 2020.
- Completed National Level one week faculty development program on Open Source Tools for Research, Teaching Learning Centre, Ramanujan college, University of Delhi sponsored by Ministry of Human Resource Development Pandit Madan Mohan Malaviya on 8th June to 14th June, 2020.
- Attended webinar on Waste to Energy, G.S. Mandal Maharashtra Institute of Technology, Aurangabad on 5th June, 2020.
- Attended webinar on Energy and Environment: Challenges & Opportunities, G.S. Mandal Maharashtra Institute of Technology, Aurangabad on 5th June, 2020.
- Attended webinar on Entrepreneurship, Government College of Engineering, Aurangabad in association with Lemon School of Entrepreneurship, Nagpur on 4th June, 2020.
- Attended webinar on Advanced Digital Content Creation Tools and Techniques for Education, AISSMS COE, Pune on 31st May, 2020.
- Attended a one day faculty development program on National Level Faculty Development Program on Fundamentals of Writing a Research Paper, ICBM-School of Business Excellence, Hyderabad on 22nd May, 2020.
- Attended a three day International Conference on Creating Sports culture in Universities, SGT University, Gurugram on 9th to 11th May 2020.
- Attended webinar on Impact of Global Pandemic on Engineering, G.S. Mandal Maharashtra Institute of Technology, Aurangabad on 6th May, 2020.
- Attended a two days workshop on Techno-Economic Assessment of MSMEs in Rural Areas under Unnat Maharashtra Abhiyan (UMA) GIT, Khed, Ratnagiri on 17th

and 18th February, 2020.

- Attended a three day faculty development program on Faculty Development Program for Student Induction under AICTE in CSMSS Chh. Sahu College of Engineering, Aurangabad on 27-29 May 2019.
- Attended a one week Refresher Course on Use of ICT for Effective Teaching Learning Process in Maharashtra Institute of Technology, Aurangabad on 8th Jan to 12th Jan 2019.
- Attended a three days workshop on Teaching Methodologies for Engineering Mathematics, Deogiri Institute of Engineering and Management Studies College, Aurangabad on 23rd to 25th June 2018.
- Attended a two day faculty development program on An Advance English Communication and Teaching Techniques, Maharashtra Institute of Technology Aurangabad on 2nd & 3rd Jan 2018.
- Attended a two day workshop on Outcome Based Education in Maharashtra Institute of Technology, Aurangabad on 4th & 5th December 2017.
- Attended a one week Refresher Course on Use of ICT for Effective Teaching Learning Process in Maharashtra Institute of Technology, Aurangabad on 27th June to 1st July 2017.
- Attended a one week ISTE approved STTP on Understanding Application of Mathematics in Engineering Discipline, Vishwakarma Institute of Information Technology, Pune on 23rd to 28th Nov. 2015.
- Attended a one day workshop on Outcome Based Education in Maharashtra Institute of Technology, Aurangabad on 27th Sept. 2014.
- Attended a one day workshop on Revised Syllabi of Engineering Mathematics I and II in Deogiri Institute of Engineering and Management Studies College, Aurangabad on 20th October 2011.
- Attended a two day conference on Mathematical Applications in various field, PES Engineering college, Aurangabad on 2nd Feb. 2009 to 3rd Feb. 2009.
- Attended a three day faculty development program in Engineering Education Foundation, Pune (Aurangabad Chapter), MIT Aurangabad on 4th Feb. 2008 to 6th Feb. 2008.

Seminar/Workshop/Industrial Training/STTP/FDP/CEP/Conference organized

- Worked as an organizing committee member for One Day Regional Workshop on

Applications of Engineering mathematics in various Engineering Discipline organized by Marathwada Institute of Technology Engineering College, Aurangabad on 11th Feb.2012.

- Worked as an organizing committee member of the 7th ISTE student convocation of Maharashtra & Goa Chapter 'RUTUMBHRA 08' held on 15-16 Feb. 2008 at MIT, Aurangabad (M.S.).
- Worked as organizing committee member of workshop on 'Nonomaterial's and Nanotechnology' 15-17 Sept. 2013.

NPTEL Certification

Start Date	End Date	Duration (in Weeks)	Course Name	Marks (Out of 100)	Performance
10 July, 2017	Jul-Aug 2017	4 Weeks	Outcome Based Pedagogic Principles For Effective Teaching	57	Successfully completed
29 July, 2019	20 Sept, 2019	8 Weeks	Teaching and Learning in Engineering (TALE)-II	58	Successfully completed

Date: 24-04-2025

Place: Chh. Sambhajinagar