Curriculum Vitae

Name: Mr. Sandip Sukhadeo Kankal

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Beed bypass, Aurangabad(MS) - 431005

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Date of Birth: 25th February 1987

Academic Credentials

Class/ Degree	Specialization	Institution	University	Year	%/CGPA	Class
M.E.	Computer Science & Engineering	GEC Aurangabad	Dr. BAMU, Aurangabad	2013	76.67	Distinction
B.E.	Information Technology	JNEC, Aurangabad	Dr. BAMU, Aurangabad	2009	68.81	Distinction

M. Tech. Project: "An Improved Algorithm for Verification of Integrity and Authenticity of Data in Virtual Networks".

Key Research Areas:
- Networking
- IoT

Experience

Sr. No.	Organization	Post	From To	No. of Years
1	Maharashtra Institute of Technology, Aurangabad	Assistant Professor	30/08/2013 to Till Date	7.5
2	Vidyalnkar Polytechnic, Mumbai	Lecturer	18/06/2010 to 31/07/2011	1.1
3	Abhinav Institute of Technology Mumbai	Lecturer	14/08/2009 to 30/04/2010	08

List of Courses Taught/Teaching at UG level:

Courses Taught at Maharashtra Institute of Technology at UG Level

- Digital Electronics & Microprocessor
- ASP.NET
- System Software
- Software Engineering
- Human Computer Interaction
- Engineering Exploration

List of Courses Taught/Teaching at PG level:

Courses Taught at Maharashtra Institute of Technology at PG Level

Advanced Computer Network

Performance Evaluation and Optimization

Courses Taught at Vidyalankar Polytechnic at Diploma Level:

Programming in C, Computer Networks, Visual Basic

Conducted the below Labs as a Teaching Assistantship at GEC, Aurangabad

Microprocessor

Open Source Software Technology

Additional Assignments/Duties

- Departmental Class Test & Term-work Co-ordinator
- Under Study for Dr. BAMU Exam- May/June-2015
- Departmental Online Class Test Co-ordinator
- Lab In-charge
- Departmental Offline & Online Class Test Co-ordinator
- Departmental Virtual Lab Co-ordinator
- Resource Person for Engineering Exploration Course

Research Projects/Projects Guided

M.Tech Projects: 1. Topic Digging over Asynchronous Text Sequences

                2. Hybrid Model for Packet Scheduling in Wireless Sensor Networks

Guided departmental projects of UG Students

Computer/Software Proficiency

C, C++, C#, ASP.NET, PHP, HTML, CSS, MYSQL, Arduino, Python.

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

- Attended ISTE Approved One Week Short Term Training Program on "**Advanced Tools and Techniques using Java**" in February 2011
- Attended Faculty Enablement Program on **"Foundation Program"** conducted by Infosys Limited, Pune from 16th-20th December 2013.
- Attended CSI Sponsored Workshop on **"Network Security"** at Deogiri College of engineering, Aurangabad in January 2014.
- Participated in Faculty Development Program on "**Professional English Communication**" in Maharashtra Institute of Technology, Aurangabad.
- Attended STTP on **"Open Source Technologies for Engineering Applications & research"** Approved by ISTE, in December 2015.
- Attended One Week Training The Trainer Program on **"Foundation Skills in IT"** Approved by DTE & NASSCOM in July 2016.
- Attended and organized three days Faculty Development Program on **"Cyber Security"** conducted by Department of Computer Science & Engineering, Maharashtra Institute of Technology, Aurangabad in February 2017.
- Attended three days Workshop on "**Virtual lab Development**" co-ordinated by IIT Bombay & PVG COET, Pune from 16th June to 18th June 2017.
- Attended Three days Train The Trainer Workshop on "User Interface Technology" conducted by Infosys Pvt Ltd Pune at SVERI's College of Engineering Pandharpur from 5/03/2018 to 7/03/2018
- Attended One Week STTP on "Deep Learning" at Maharashtra Institute of Technoly, Aurangabad from 02/07/2018 to 07/07/2018.
- Attended 5 days FDP on "Training The Trainer for The Course: Engineering Exploration" organized by Government college of Engineering, Aurangabad & NETRA at GECA from 03/08/2018 to 07/08/2018.
- Attended One Day Workshop on "Python Programming" by IIT Bombay at remote center DIEMS Aurangabad from 22/06/19 to 22/06/2019.

- Attended One Week FDP on "Data Science" by Rubics Inteliment at Maharashtra Institute of Technology, Aurangabad from 24/06/19 to 29/06/19.
- Attended NPTEL Online Certification 4 week Course on **"Teaching and Learning in Engineering -I (TALE)"** by NPTEL, IISc, Banglore , Feb-March 2019.
- Attended One week FDP on **"TALE 2: Course Design and Instruction of Engineering Course"** organized by NPTEL-AICTE, IISc, Banglore Jul-Sep 2019.
- Attended the One Week Online FDP on "OUTCOME BASED EDUCATION: A STEP TOWARDS EXCELLENCE" from 11th to 15th May 2020, organized by Govt College of Engineering, Karad under Margdarshan Scheme of AICTE.
- Attended one week Online FDP on "Python Programming" from 28 April to 3 May 2020, organized by JSPM's Rajarshi Shahu College of Engineering, Tathawade, Pune.
- Attended one week Online FDP on "Effective Proposal Writing for Research and Funding" from 13 May to 18 May 2020, Department of Electronics & Telecommunication Engineering In association with IEEE Women in Engineering.
- Attended one week Online FDP on "Signal, Image & Video Processing: A Practical Approach (SIVPAPA-2020)" under TEQIP-III from 26 May to 30 May 2020, Department of E & TC, Govt. College of Engineering, Karad.
- Attended one week Online FDP on "Security Issues & Role of Cryptography in Communication" under TEQIP-III from 22 June to 26 June 2020, Department of E & TC, UMIT, SNDTWU, Mumbai, India.
- Attended one week Online FDP on "R Programming Language" under TEQIP-III from 28 April to 04 May 2020, in association with Spoken Tutorial Project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt. of India, remotely by Department of Mechanical Engineering, AISSMS, Pune.
- Attended NPTEL Online Certification 12 week Course on **"NBA Accreditation and Teaching and Learning in Engineering (NATE)"** by NPTEL from 27th Jan 2020 to 17th April 2020.
- Attended AICTE-ISTE Sponsored One week Online Induction/Refresher Programme On **"Internet of Things (IoT) Application"** organized by Department of Computer Science and Engineering, AGPCE, Nagpur between **21st Dec. to 26th Dec. 2020 (Phase III)**.

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

- Co-ordinated Workshop on "Corporate Culture, Emotional Intelligence & Communication Skills" by Infosys, Pune on 12,13 & 14 Feb 2015 at Maharashtra Institute of Technology Aurangabad.
- Co-ordinated FDP on "Agile Technology", by INFOSYS, pune from 25/12/2015 to 29/12/2015 at Maharashtra Institute of Technology, Aurangabad
- Organizing Member for FDP on "Cyber Security", by CSED, MIT-T Abad on 26 Jan, 4 Feb & 11 Feb 2017
- Co-ordinated STTP on "Implementation of IoT using Arduino & Raspberry Pi" by ETCD, MIT-T, Abad from at Maharashtra Institute of Technology, Aurangabad.
- Co-ordinated One week STTP on "Deep Learning" organized by CSED, MIT T from 02/07/2018 to 07/07/2018 at Maharashtra Institute of Technology, Aurangabad
- Co-ordinated One Week FDP on "Training The Trainer for The Course:Engineering Exploration" from 30/09/2019 to 05/10/2019 at Maharashtra Institute of Technology, Aurangabad.
- Conducted one day workshop on "Arduino Basics" in TYCSE on 03-08-2019 at Maharashtra Institute of Technology, Aurangabad
- Conducted Three Day workshop on "Engineering Exploration" in MIT Polytechnic, Aurangabad from 09-01-2020 to 11-01-2020 .
- Organizing member & resource person for one week FDP on "Training the Trainers for the Course: Engineering Exploration" from 30th September to 04 October 2019, at Maharashtra Institute of Technology , Aurangabad in association with NETRA-MITA.
- Joint organizing secretary & Resource person for three days workshop on "Engineering Exploration" from 9th January to 11th January 2019, at Marathwada Institute of Technology (Polytechnic), Aurangabad.
- Faculty co-ordinator for TECH-PRO NATIONAL LEVEL ONLINE PROJECT COMPETITION, on 27th June 2020.
- Organizing Committee member for the International Web Conference on Impact of COVID-19 on Library Resource Sharing, 12-13 June, 2020.
- Organized a Webinar on "Opportunities with Japanese Language" on July 13, 2020.

Certification Courses

- ➤ Successfully completed online non-credit course of 4 weeks on "Python for Everybody (Getting Started with Python)" authorized by University of Michigan and offered through Coursera.

List of Research Publications

Papers in National/ International Journal

- ➤ Sandip S. Kankal, Prof. V.P. Kshirsagar, "**A Modified Algorithm for Verification of Integrity and Authentication of Data in Virtual Networks**" in International Journal of Advanced research in Computer and Communication Engineering (IJARCCE-2013), Vol 2 Issue 4, April 2013.

- ➤ Monali Patil, Prof. Sandip S. Kankal, "**A Concise Survey on Text Data Mining**" in International Journal of Advanced research in Computer and Communication Engineering (IJARCCE-2014), Vol 3 Issue 9, September 2014.

- ➤ Pradymna Sangvikar, Sandip S. Kankal, "**Review on Packet Scheduling in Wireless Sensor Networks**" in International Journal of Emerging Technology & Advanced Engineering, Volume 4, Issue 10, October 2014

- ➤ Monali S. Patil, Prof. Sandip S. Kankal, "**Topic Digging over Asynchronous Text Sequences**" in International Engineering & Computer Science (IJECS-2016),Vol 5 Issue 12, December 2016.

- ➤ Sandip S. Kankal, Amol R. Dhakne, Yogesh R. Tayade, "**A Brief Survey on Clustering Algorithms in Data Mining**" in International Journal for Scientific Research & Development(IJSRD-2017), Volume 4 Issue 11, January 2017.

Papers in National /International Conference Proceedings

- ➤ Sandip S. Kankal, Prof. V.P. Kshirsagar "**An Improved Algorithm for Verification of Integrity and Authentication of Data in Virtual Networks**" in International Conference on Information Technology, Electronics and Communications (ICITEC-2013),March 2013, pp 17-21.

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- Registered a copyright for poster entitled "EXAMPLE FOR SIMPLIFICATION OF BOOLEAN FUNCTION USING KMAP" under LITERARY/ DRAMATIC WORK with diary no. 4154/2020-CO/L and Registration no. **L-91809/2020** published on 04/06/2020.
- Registered a copyright for poster entitled "ASSEMBLY LANGUAGE PROGRAM STRUCTURE" under LITERARY/ DRAMATIC WORK with diary no. 4076/2020-CO/L and Registration no. **L-90896/2020** published on 30/04/2020.

Resource Person

- Resource person for one week FDP on "Training the Trainers for the Course: Engineering Exploration" for the faculties of Shree Shakti Institute, Coimbatore(TN), from 30th September to 04 October 2019, at Maharashtra Institute of Technology, Aurangabad in association with NETRA-MITA.
- Invited as a resource person for Three Day workshop on "Engineering Exploration" in MIT Polytechnic, Aurangabad from 09-01-2020 to 11-01-2020.
- Invited as a Resource person for One day National Workshop (Online) Importance and Applications of Virtual Labs in Computer Science and Applications organized by SRTM University, Nanded on 15 January 2021.

NPTEL Certification

Start Date	End Date	Duration (in Weeks)	Course Name	Marks (Out of 100)	Performance
29 July 2019	20 Sept 2019	8	**"TALE 2: Course Design and Instruction of Engineering Course"**	76	Elite Silver
25 Feb 2019	22 March 2019	4	**"Teaching and Learning in Engineering -I (TALE)"**	73	Elite
27 Jan	17 April	12	**NBA Accreditation**	NA	NA

2020	2020		**and Teaching and Learning in Engineering (NATE)**		

Date: 02-07-2021

Place: Aurangabad