

SNJB's S.H.H.J.B. Polytechnic, Chandwad

(All AICTE Approved Programs NBA Accredited)

Department: Computer Technology

Faculty Profile



Name Of Faculty:Lodha Gautam Mohanlal

Qualification :	ME (CSE)
Designation :	SR. LECTURER
Date of Joining :	10/6/2006
Experience :	17 years
Teaching/research Areas :	Machine Learning, Software Engineering
Courses / Subjects Involved With :	Software Testing, Operating System, Data Structure, Object Oriented Programming
Staff training/FDP attended in last 3 Years	01)Python Programming and Its Application
Paper presentation /conferencesattended	1)International Conference paper titled " Algorithm For Uncertain Data " ICRTET-2013 2)International conference paper entitled " Search Based Software Testing With GA using FF " ICMSET-2014. 3)International Conference paper entitled " search based Software Testing using FF "ICACCT-2014 4)International Conference Paper entitled " Search Based Software Testing With Genetic Algorithm using FF "
Paper published in journals	1)Advanced Computing & Communication Technologies 2)Innovative Application Of computational Intelligence on Power,(CIPECH-14) IEEE UP Section
Books published with ISSN/ISBN number :	Software Testing (ISBN-978-93-88480-15-4
Participation in MSBTE activities (RAC/DC/Theory/PR Exam/Curriculum development)	1) Exam Supervisor For Theory Exam MSBTE 2) RAC Officer In charge. 3)Paper Moderator 4)Paper Assessment. 5)External Examiner
List of Projects guided at diplomalevel last 3 years	1)Anti-Ranging System Using Android App 2) Hostel management System. 3)Jewelry Management System 4) Fertilizer Management System 5) Office Automation System 6)Hospital management System
Role and responsibilities at institute Level	1) 1) Admission coordinator for Malegaon region. 2) Working Member in Cultural committee
Major achievements in last 5 years	1)Best Project Award from Godavari college of engineering Jalgaon 2)Best Teacher Award from Mahavir International
Professional membership if any	1)CSI 2)ISTE
Additional information	Gautamlodhablog.wordpress.com

SNJB's S.H.H.J.B. Polytechnic, Chandwad

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Department: Computer Technology

Faculty Profile

Name of Faculty: Prashant Govindrao Aher



Qualification :	M. Tech (CSE) B.E. (CSE)
Designation :	Lecturer
Date of Joining :	
Experience :	13 yrs.
Teaching/research Areas :	Programming
Courses / Subjects Involved With :	Java Programming, Advance Java Programming, Software Engineering, Computer Security, Data Communication and Computer Network, PHP, V.B., C Programming, Computer Graphics, Digital Techniques, Microprocessor
Staff training/FDP attended in last 3 Years	1
Paper presentation /conferencesattended	
Paper published in journals	2
Books published with ISSN/ISBN number :	
Participation in MSBTE activities (RAC/DC/Theory/PR Exam/Curriculum development)	Work in RAC as Paper assessor, PR Examiner
List of Projects guided at diplomalevel last 3 years	Automated Timetable Generator Using PHP Weather Forecasting System Android Application Related To Computer Department Cloud based local train ticketing system Online book store management system Platform For Coders Automatic Plant Watering System
Role and responsibilities at institute Level	Alumni Association coordinator Research Committee coordinator Discipline committee member
Role and responsibilities at department level	PAT Coordinator Event Coordinator Lab In charge CTSA Coordinator Discipline coordinator
Major achievements in last 5 years	
Professional membership if any	ISTE-LM132983 CSI- F8004762
Additional information	

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Department: Computer Technology

Faculty Profile



Mr. D.B. Zambare

Qualification :	ME (Computer Engineering)
Designation :	Lecturer
Date of Joining :	19-Oct-2020
Experience :	Teaching: 11 Years
Teaching/research Areas :	Computer Security and Image Processing. Web Page Designing.
Courses / Subjects Involved With. :	<ol style="list-style-type: none">1) Fundamentals of ICT.2) Web Page Designing.3) Computer Security.4) Programming in C.5) Computer Network.6) Advanced Microprocessor & Programming.7) Java Programming.8) Windows Programming.9) Computer Graphics.10) Client Side Scripting Language.11) Microprocessor & Programming.12) Mobile Application Development.
Staff training/FDP attended in last 3 Years:	<ol style="list-style-type: none">1) Two Days FDP on "Python Programming and its Applications " (July 2023)2) Three Days online FDP on "Python Programming" (July 2022)3) Two Days online FDP on "Cyber security & Forensic" (March 2022)4) Five Days National Level online FDP on "A Systematic Navigation from Research to Research Proposals " (August 2021)5) Three Days - State level FDP on "PHP and MySQL" (July 2021)6) One week International Online FDP on "Virtual Practices and Security" (June 2021)7) Two Days online FDP on "Recent Trends in Digital and Cyber Forensics " (June 2021)8) Six Days FDP on "Empowering Teachers" (May 2021)9) Six Days STTP on "Internet of things (IoT) with Block Chain – Applications and Challenges" (February 2021)10) One week AICTE/ ISTE Induction Refresher Program on "Data Science & ML " (February 2021)11) Five Days National Level online workshop on "Quantum Computing " (February 2021)12) One week AICTE/ ISTE approved Orientation / Refresher Programme on "Data Science in Engineering Applications " (February 2021)13) Three Days online FDP on "Python Programming" (January 2021)14) One week AICTE sponsored STTP on "Cyber Security and Block chain Technology " (January 2021)

Paper presentation /conferences attended:	<ol style="list-style-type: none"> 1) Second National Conference on RTITRD-2010 2) Fifth cPGCON (Mar-2016). 3) Sixth cPGCON (Mar-2017). 4) Fifth ICRTESM (23rd July 2017)
Paper published in journals:	<ol style="list-style-type: none"> 1) Auto SMS Agriculture Guide (Nov 2010). 2) Review on Data Security using patch based approach for Texture Synthesis. (IJARIE,Jan-2017) 3) Data Security using patch based approach for Texture Synthesis. (cPGCON, March-2017) 4) Implementation on Data Security using patch based approach for Texture Synthesis. (JSRD, July-2017) 5) Data Security using patch based approach for Texture Synthesis. (IJETMAS, July-2017) 6) Survey on Web of Things (IoT) (HBRP, March 2020)
Books published with ISSN/ISBN number:	Nil
Participation in MSBTE activities (RAC/DC/Theory/PR Exam/Curriculum development)	<ol style="list-style-type: none"> 1) RAC- Worked as Paper Assessment/Moderator. 2) RAC- Worked as RRAC Evaluator. 3) MSBTE Exam Controller. 4) Worked as Internal squad member. 5) Worked as Examiner. 6) OR/PR External Internal Examiner. 7) Worked as Supervisor in DC.
List of Projects guided at diploma level last 3 years:	<ol style="list-style-type: none"> 1) Online Fee Management System (2022-23). 2) File Security Using Cryptography (2022-23). 3) Application for Farmers & Customers (2022-23). 4) Android Application for Game Addiction of Children (2022-23). 5) Online Auction and Allocation System (2021-22). 6) Library Management System (2021-22). 7) IFSC code finder (2021-22). 8) Mobile Application Development Process: A Practical Experience (2021-22). 9) File Splitting (2020-21). 10) Intra College Communication System (2020-21). 11) Student / facility feedback system (2020-21). 12) Bus Pass QR code system (2020-21). 13) Bio Gas from Organic Wastes (2020-21). 14) Courier Management System (2020-21). 15) Smart Lighting Bulb using Wi-Fi (2020-21).
Role and responsibilities at institute Level:	<ol style="list-style-type: none"> 1) To Handle Social Media (Facebook, Instagram). 2) "ISTE Student Chapter" Coordinator. 3) Admission Counseling.
Role and responsibilities at department level:	<ol style="list-style-type: none"> 1) Lab-in-charge. 2) Worked as Time-Table In-charge. 3) Departmental Technical Event (Member). 4) Result Analysis Coordinator. 5) Student Mentor. 6) Personality Development & Career guidance Coordinator.
Major achievements in last 5 years:	Nil
Professional membership if any:	ISTE Life Member.
Additional information:	No

**SNJBs Shri Hiralal Hastimal (Jain Brothers, Jalgaon) Polytechnic,
Chandwad** (All AICTE Approved Programs NBA Accredited)

Department: Computer Technology

Faculty Profile



Name Of Faculty: Ms. Shinde Shivani Subhash

Qualification :	BE (Information Technology), ME Pursuing
Designation :	Lecturer
Date of Joining :	20/10/2021
Experience :	2 Years
Teaching/research Areas :	IoT , C++, Android
Courses / Subjects Involved With :	Fundamentals of ICT (22001) Web Page Designing With Html (22014) Computer Graphics (22318) Operating System (22516) Capstone Project Planning (22058) Mobile Application Development (22617) Capstone Project -Execution & Report Writing (22060)
Staff training/FDP attended in last 3 Years	1. National Intellectual Property Awareness Mission 2. Python Programming 3. Emerging Trends in IT
Paper presentation /conferences attended	Nil
Paper published in journals	Secure Access Control for Smart Home Locking-Unlocking.(Mar-2020)
Books published with ISSN/ISBN number :	Nil
Participation in MSBTE activities (RAC/DC/Theory/PR Exam/Curriculum development)	1. MSBTE Exam Controller. 2. Worked as Supervisor for MSBTE Exam. 3. Worked as Officer-In-Charge for MSBTE Online Exam. 4. OR/PR External Internal Examiner
List of Projects guided at diploma level last 3 years	1. Developing website for educational purpose.(2021) 2. Smart Office Automation System Using IoT (2021) 3. Fire Alerting System In Forest Using IoT (2022) 4. Smart Voting System Using Biometric (2022)
Role and responsibilities at institute Level	1. Institute Research Committee Member
Role and responsibilities at department level	2. Lab In-Charge(Digital/Unix Lab -128) – 3. Criteria 5 Coordinator 4. News Letter Coordinator 5. FDP Coordinator 6. Student Feedback Coordinator 7. Timetable Coordinator 8. ISTE Departmental Coordinator 9. Project Coordinator
Major achievements in last 5 years	Nil
Professional membership if any	ISTE Life Membership (LM 136934)
Additional information	Certification course in Software Testing

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Department: Computer Technology

Faculty Profile



Name Of Faculty: Mr. Pawar Rushikesh Ramdas

Qualification :	BE(Computer)
Designation :	Lecturer
Date of Joining :	2/1/2023
Experience :	6 months
Teaching/research Areas :	Gui application development using vb.net , Machine Learning
Courses / Subjects Involved With :	i)Gui Application developement using vb.net. ii)Digital techniques. iii)Computer pheripherals and hardware. iv)programming in C. v)information and communication technology.
Staff training/FDP attended in last 3 Years	-
Paper presentation /conferencesattended	-
Paper published in journals	-
Books published with ISSN/ISBN number :	-
Participation in MSBTE activities (RAC/DC/Theory/PR Exam/Curriculum development)	i)Exam supervisor for theory exam MSBTE. ii)Internal examiner for Practical Exam.
List of Projects guided at diploma level last 3 years	i)Smart security system for soldiers of indian Army. ii)Automated attendance using Python.
Role and responsibilities at institute Level	i)working as co-ordinator in EDP cell. ii)working in member of Disicipline committee at institute level. iii)working as Boys comman room Incharge at institute level.
Role and responsibilities at department level	i)Class Co-ordinator of SYCM-B. ii) working As a Lecturer. iii)departmental NSS co-ordinator. iv)member of departmental CTSA comitte.
Major achievements in last 5 years	Won a number of 3 rd Prize in "2k22" national level project competition at PCET's Nutan maharastra institute of engineering & technology ,pune
Professional membership if any	-
Additional information	

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Department: Computer Technology

Faculty Profile

Name Of Faculty:Ms.A.B.Shinde



Qualification :	BE
Designation :	Lecturer
Date of Joining :	23/1/2022
Experience :	7 month
Teaching/research Areas :	IOT,C,C++
Courses / Subjects Involved With :	Microprocessor(22415) DCC(22414) Computer graphics(22318)
Staff training/FDP attended in last 3 Years	Python Programming
Paper presentation /conferencesattended	Certificate of Sodh 2K22:National project competition
Paper published in journals	Climate monitoring in warehouse for grain using iot (2022)
Books published with ISSN/ISBN number :	Nil
Participation in MSBTE activities (RAC/DC/Theory/PR Exam/Curriculum development)	MSBTE Theory Exam
List of Projects guided at diplomalevel last 3 years	Nil
Role and responsibilities at institute Level	1) Admission Campaigning
Role and responsibilities at department level	Work as a Class coordinator Work in criteria 5
Major achievements in last 5 years	Nil
Professional membership if any	Nil-
Additional information	Java programing certification C++ programing certification

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Department: Computer Technology

Faculty Profile



Ms.S.V.SHELKE

Qualification :	BE (Information Technology)
Designation :	Lecturer
Date of Joining :	01-March-2023
Experience :	-
Teaching/research Areas :	-
Courses / Subjects Involved With :	Web Based Application Development with PHP Entrepreneurship Development
Staff training/FDP attended in last 3 years	-
Paper presentation /conferences attended	-
Paper published in journals	-
Books published with ISSN/ISBN number :	-
Participation in MSBTE activities (RAC/DC/Theory/PR Exam/Curriculum development)	-
List of Projects guided at diploma level last 3 years	-
Role and responsibilities at institute level	-
Role and responsibilities at department level	-
Major achievements in last 5 years	-
Professional membership if any	-
Additional information	.C programming certification

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Faculty Profile

Name Of Faculty:

Qualification :	B.E Computer
Designation :	Lecturer
Date of Joining :	24/07/2023
Experience :	-
Teaching/research Areas :	Data Structure,ML, Web development
Courses / Subjects Involved With :	Data Structure using 'C'
Staff training/FDP attended in last 3 Years	NA
Paper presentation /conferences attended	-
Paper published in journals	"Farming Assistance Web Service".International journal of scientific and engineering Research (IJSER)
Books published with ISSN/ISBN number :	-
Participation in MSBTE activities (RAC/DC/Theory/PR Exam/Curriculum development)	-
List of Projects guided at diploma level last 3 years	-
Role and responsibilities at institute Level	-
Role and responsibilities at department level	Class Coordinator SYCM A 2023-24 Batch
Major achievements in last 5 years	-
Professional membership if any	-
Additional information	-

SNJB's S.H.H.J.B. Polytechnic, Chandwad

Department: Electronics and Tele-communication

Faculty Profile

Mr. Thakre Nilesh Ramesh



Qualification :	M.E (Electrical Power System),B.E(E&TC)
Designation :	Lecturer
Date of Joining :	1/11/2020
Experience :	Teaching: 09 Yrs,
Teaching/research Areas :	Electrical Machines, Electrical Power system, Power Electronics, Microcontroller, Arduino and PLC System,GSM,GPS.
Courses / Subjects Involved With :	EJ51- Control System and PLC (CSP-22531) EJ28-Principles of Electronic Communication (PEC-22334) EJ31- Electric Circuits Networks (ECN-22330) ME21-Basic Electrical and Electronics (BEE-22310) CM21-Elements of Electrical Engineering (EEC-22215) EJ41 -Microcontroller and Application (MAA-22426)
Staff training/FDP attended in last 3 years	1) One Week Online Faculty Development Program on "Modern Approach in Electrical Engineering" 2) Webinar on Filing Patent in India
Paper presentation /conferences attended	1)Paper Present on GSM base DP Fault detector by using GSM at "International Conference on Recent Trends in Electrical Engineering at Tulstramji Gathwad-Paril College of Engineering Naggur. 2)Attended 6 th International Conference on Recent Trends in Engineering & Technology (ICRET'2018) as a session Chair at SNJB Late Saa Kantabai Bhavariaji Jain College of Engineering,Chandwad
Paper published in Journals	Reduction in DC BUS Capacitor with help of Design Control System Paper Published in International Journal of Advanced Research in Electrical ,Electronics and

Books published with ISSN/ISBN number :	Instrumentation Engineering Vol.7, Issue5, May 2018 NIL.
Participation in MSBTE activities (RAC/DC/Theory/PR Exams/Curriculum development)	- RAC- Worked as Paper Checking. - MSBTE Exam Controller - Worked as Officer-in-charge, Internal squad member & - External Vigilance squad member. Worked as Examiner. - Online Exam In charge - PR- Internal/ External examiner.
List of Projects guided at diploma level last 3 years	1. Automatic Phase selector 2. Three Phase Motor ON/OFF by SMS by using Arduino and GSM 3. Location Detector by using GPS and Arduino 4. Power Factor Controller
Role and responsibilities at institute level	-
Role and responsibilities at department level	- MSBTE Exam Department Co-ordinator - Student Induction Program Co-ordinator 2020-21 - Library Co-ordinator 2020-21 - Measurement and control Lab Incharge
Major achievements in last 5 years	1)Developing Automatic College Bell system for college 2)Organizing Taluka Level Science Exhibition at College
Professional membership if any	NIL.
Additional information	Visit to My YouTube channel "Nilesh Thakre"

SNJB's S.H.H.J.B. Polytechnic, Chandwad.

Department: Electronics and Tele-Communication Engineering

Faculty Profile



Mr. Nalawade Manish Arvind

Qualification :	B.E (E&TC),M.E(Microwave) Pursuing
Designation :	Lecturer
Date of Joining :	01-July-2020
Experience :	Teaching: 06 Yrs.
Teaching/research Areas :	Microcontroller & Digital Systems, Network Theory,Communication Systems.
Courses / Subjects Involved With :	EJ3I- Digital Techniques (DTE-22320) EJ4I- Linear Integrated Circuits (LIC-22423) EJ5I- Mobile and Wireless Communication (MWC-22533) EJ5I- Capstone Project Planning (CPP-22058) EJ6I- Mechatronics (MEC-22643) EJ6I- Capstone Project Execution (CPE-22060) EJ3G- Electronics Devices and Circuits (EDC-17319) EJ4G- Analog Communication (ACO-17440) EJ4G- Linear Integrated Circuits(LIC-17445) EJ5G- Microcontroller (MIC-17534) EJ5G- Digital Communication (DCO-17535) EJ6G- Mobile Communication (MCO-17657)
Staff training/FDP attended in last 3 years	- FDP on "Roll Of Teachers To Boost Moral values, Ethics in Engineering Education System" Organized by MVPSs KBT College of Engineering Nashik. -FDP on "National Education Policy-2020, in Context of Technology and Higher Education" Jointly Organized by Dr.Babasaheb Ambedkar Technological University Lonere,Raigad and Bajaj Institute of Technology, Wardha - FDP on "Future Advancements in the field of Telecommunication and Embedded System" Organized by Raj Kumar Goel Institute of Technology, Gaziabad.

Paper presentation /conferences attended	Paper Present on “Evolution in Wireless Technology” at A National Level Technical Event at Jawaharlal Nehru Engineering Collage, Aurangabad
Paper published in journals	NIL
Books published with ISSN/ISBN number :	NIL
Participation in MSBTE activities (RAC/DC/Theory/PR Exam/Curriculum development)	-MSBTE Theory Exam Officer-in-charge -MSBTE Exam Controller -MSBTE Examiner -OR/PR External Internal Examiner -Internal squad member -External Vigilance squad member -Online Exam In charge
List of Projects guided at diploma level last 3 years	-Touchless Sanitizer and Oximeter -Saline Level Indicator with Emergency System -Minimizing Penalty In Industrial Power Consumption By Engaging APFC Unit -Sound Operated Cradle -Automatic Irrigation System Based on Soil Moisture Control
Role and responsibilities at institute level	
Role and responsibilities at department level	MSBTE Exam Department Assistant Coordinator Student Induction Program Coordinator Lab In Charge (Computer Center and Hardware Lab) Event Coordinator Result Analysis Coordinator Class Coordinator(SYEJ)
Major achievements in last 5 years	-
Professional membership if any	NIL
Additional information	

SNJB's S.H.H.J.B. Polytechnic, Chandwad.

Department: Electronics and Tele-communication

Faculty Profile



Prof. S.S.Pawar

Qualification :	BE,ME(Electrical Power System)
Designation :	Lecturer
Date of Joining :	15-JULY-2020
Experience :	1. Teaching: 06 Yrs. 2. Industrial: 01 (AFTER DIPLOMA IN MECHANICAL ENGG.)
Teaching/research Areas : Courses / Subjects Involved With :	Basic Electrical ,power systems ME31- Basic Electrical & Electronics (22310). CM21- Element Of Electrical Engg (22215). EJ21- Element Of Electrical Engg (22215). EJ31 –Electric Circuit & Network (22330) EE21-Fundamental Of Electrical Engg(22212) EES1-Energy Conservation & Audit (22525) EEG1-Utilization of electrical engg.(22626)
Staff training/FDP attended in last 3 years	02
Paper presentation /conferences attended	01 Papers are published in proceedings of various national / International conferences.
Paper published in journals	Select in journal Energies(ISSN 1996-1073),Intelligent control and simulation of power system control ,Serving by prof.Nikloi Voropai and Dr.Nikita Tamim
Books published with ISSN/ISBN number :	NIL
Participation in MSBTE activities (RAC/DC/Theory/PR Exam/Curriculum development)	- R- RAC- Worked as Paper Checking. - RAC- Worked as Paper Checking. - Worked as Officer-in-charge, Internal squad member & - External Vigilance squad member, Worked as Examiner. - PR- Internal/ External examiner.

List of Projects guided at diploma level last 3 years	1. Agricultural Electric Spray pump. 2. Energy Generation by paddle motion. 3. Automatic fault Detection System. 4. A Hybrid Green House Management by Power Intelligent Device(Playhouse Management System)
Role and responsibilities at institute level	Admission Process
Role and responsibilities at department level	Admission Process, Time Table In charge, Online Teaching – Learning process, MSBTE activities
Major achievements in last 5 years	Master Degree (Electrical Power System),IEDSSA
Professional membership if any	NIL
Additional information	-

SNJB's S.H.H.J.B. Polytechnic, Chandwad.
Department: Electronics and Tele-communication

Faculty Profile



Mr. Patil Samadhan Tukaram

Qualification :	ME(E&TC)
Designation :	Lecturer
Date of Joining :	05/07/2021
Experience :	10 Years 6 Months
Teaching/research Areas :	1) Network Theory. 2) Electromagnetics. 3) Communication. 4) Microwave.
Courses / Subjects Involved With :	1) Network Theory. 2) Electromagnetics. 3) Communication. 4) Microwave. 5) Information Theory and coding technics.
Staff training/FDP attended in last 3 years	1) One Week Online Faculty Development Program on "Antenna and Wave Propagation". 2) One Week Online Faculty Development Program on "Electromagnetic theory".
Paper presentation /conferences attended	1)Attend Conference on Neural network and fuzzy logic system
Paper published in journals	1) Paper published in International journal IJECCE On "A skin tone detection algorithm for an Adaptive DWT based approach to steganography using biometric." 2) Paper published in International journal IJIRAE On"Resourceful and protected biometric image steganography using DWT ."

Books published with ISSN/ISBN number :	NIL
Participation in MSBTE activities (RAC/DC/Theory/PR Exam/Curriculum development)	Practical internal and External Examiner. Assistant senior supervisor in theory Exam. Online Exam In charge.
List of Projects guided at diploma level last 3 years	1) Location information in Audio Video using GPS. 2) Book reader for visually impaired using raspberry pi. 3) Automatic sketching Machine.
Role and responsibilities at Institute level	NIL
Role and responsibilities at department level	1) Time Table In charge. 2) Association In charge. 3) Class coordinator.
Major achievements in last 5 years	NIL
Professional membership if any	NIL
Additional information	NIL

SNJB's S.H.H.J.B. Polytechnic, Chandwad.

Department: Electronics and Tele-communication



Faculty Profile

Name of Faculty	Miss. Narale Pratiksha Vijay				
Designation :	Lecturer				
Date of Joining :	01/08/2022				
Catrgory	NT-B				
Experience :	-				
Qualification :	Qualification	Branch	Class	CGPA	University
	BE	E&TC	I	7.02	North Maharashtra University
Teaching/research Areas :	-				
Courses / Subjects Involved With :	EJ-5I Industrial Automation (IAU 22534) EJ-3I Applied Electronics (AEL 22329)				
Staff training/FDP attended in last 3 years	-				
Paper presentation /conferences attended	-				
Paper published in journals	-				
Books published with ISSN/ISBN number :	-				
Participation in MSBTE activities (RAC/DC/Theory/PR Exam/Curriculum development)	-				

List of Projects guided at diploma level last 3 years	Fingerprint Based Biometric Attendance System using Arduino
Role and responsibilities at institute level	-
Role and responsibilities at department level	<ul style="list-style-type: none"> - Result Analysis Coordinator - Parent Meeting Coordinator - Class Coordinator SYEJ - ERP Coordinator - Implant Training Coordinator - Feedback Coordinator - Lab IN-charge (Communication and Advanced Communication Lab)
Major achievements in last 5 years	-
Professional membership if any	-
Additional information	-

SNJB's S.H.H.J.B. Polytechnic, Chandwad

Department: Electronics and Tele-communication

Faculty Profile



Name of Faculty	Ms. Bachhav Swati Mothabhau				
Designation :	Lecturer				
Date of Joining :	02/01/2023				
Category	Open (Hindu-Maratha)				
Experience :					
Qualification :	Qualification	Branch	Class	%	University
	BE	E&TC	I	64.26 %	Pune University
	ME	VLSI & ES	I	75.81%	Pune University
Teaching/research Areas :	Basic Power Electronics, Basic Electronics, VLSI & ES.				
Courses / Subjects Involved With :	Basic Power Electronics Basic Electronics VLSI & ES.				
Paper presentation /conferences attended	1)Paper Present on DESIGN OF CONSTANT POWER GENERATION in Electronics and Telecommunication Engineering at SNJB Late Sau.Kantabai Bhavarlalji Jain College of Engineering, Chandwad 2)Attended 6 th International Conference on Recent Trends in Engineering & Technology (ICRTET'2018) as a session Chair at SNJB Late Sau.Kantabai Bhavarlalji Jain College of Engineering,Chandwad				
Paper published in journals	Design of Constant Power Generation in International Journal for Research in Engineering Application and Management(IJREAM) Special Issue – ICRTET-2018 ISSN: 2454-9150				

SNJB's S.H.H.J.B. Polytechnic, Chandwad.

Department : Mechanical Engineering



Faculty Profile

Prof. Dinesh Vanji Lohar

Qualification :	PhD (Perusing) M.E. (Mech.-Production Engg.) B.E. (Production Engg.)
Designation :	Head of Department
Date of Joining :	23/11/1998
Experience :	<ol style="list-style-type: none"> 1. Teaching: 22 years 2. Industrial: 02 years
Teaching/research Areas :	Measurement, fluid power ,manufacturing
Courses / Subjects Involved With :	List semester wise along with course name and code <ol style="list-style-type: none"> 1. Engineering metrology-22342 2. Management-22509 3. Manufacturing process-22446 4. Emerging trends in mechanical Engg.-22652 5. Capstone project -22060
Staff training/FDP attended in last 3 years	<ol style="list-style-type: none"> 1. Research methodology-one week- KBCNMU,Jalgaon 2. Industrial training – 2 days- Crompton Greaves Ltd,Ahemadnagar
Paper presentation /conferences attended	Paper published/ presented: <ol style="list-style-type: none"> 1."Quality Assurance in Technical Education"8th Annual convention of Maharashtra & Goa Section, at J.T.M. College of Engineering, Faizpur (Jalgaon) 15-16 Sept.2003 2."Lean Manufacturing-A New Success Mantra" National conference on" Innovations in Mechanical Engineering" at J.T.M.College of Engineering, Faizpur (Jalgaon) 29-30 Mar.2007 3."Implementation of lean manufacturing for improving Vendor performance" National conference " ETME -09" at M.I.T. College of Engineering,Aurangabad, 5-6 March 2009 4." Performance Evaluation of Minimum Quantity Lubrication (MQL) In Hard Turning of AISI 4340 Steel Using CBN Tool" National conference " ETME -09" at M.I.T. College of Engineering,Aurangabad,5-6 March 2009 5."Rejection control of Yoke sleeves using Six sigma methodology" National conference " ETME -09" at M.I.T. College of Engineering,Aurangabad,5-6 March 2009 6."Kaizen-A breakthrough strategy" National conference "ETME-09" at G.H.Pate College of Engineering, Vallabhavidyanagar (Gujarat), 20-21 March 2009 7. "Performance Evaluation of Minimum Quantity Lubrication (MQL) In Hard Turning of AISI 4340 Steel Using CBN Tool" International conference "Advances in Mechanical Engineering (ICAME-2010) at S.V.N.I.T.Surat (Gujarat), 23-25 Sept.2010 8." Skills To be imparted to Engineering students" 43rd National Annual Convention

	TKIET, Warananagar,Kolhapur,19-21 December 2013. 9."Graphene composites" International conference held at Govt.College of Engineering,Jalgaon on 20-21/1/2017 10." Literature review of EDM electrodes" International conference held at SNJB' Late.K.B.Jain college of Engineering,Chandwad,30-31 May 2018																																	
Paper published in journals	Performance Evaluation of Minimum Quantity Lubrication (MQL) In Hard Turning of AISI 4340 Steel Using CBN Tool" Bonfring International Journal of Industrial Engineering and Management Science, Vol. 3, No. 3, September 2013																																	
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List of Projects guided at diploma	1. Gearless bicycle 2. Overload auto off system for automobiles																																	

level last 3 years	3. Smart trolley for supermarkets 4. Seven seater green vehicle 5. Smart helmet with alcoholic sensor 6. Multipurpose agri sprayer
Role and responsibilities at institute level	1.NBA Coordinator 2.Admission Regional Coordinator 3.SNJB Varta Magazine coordinator
Role and responsibilities at department level	1.Head of department 2.NBA Criterion 1 member 3. Newsletter chief Editor 4.
Major achievements in last 5 years	1. Published two text books for I scheme 2. Worked as a Course Expert for curriculum development of MSBTE 3. Worked as subject expert for Online examination question bank 4. Developed learning material for online courses of V and VI semester
Professional membership if any	1. Life Member of Indian Society for Technical Education (LM ISTE) Membership No: LM34418 2. Member of Institute of Engineers (MIE) Membership No: M1579635
Additional information	Visit my blog: https://ignitedminds25.blogspot.com/

SNJB's S.H.H.J.B. Polytechnic, Chandwad.

Department: Mechanical Engineering



Faculty Profile

Prof. Dr. G D Shinde

Qualification :	PhD (Mech.), M.E. (Machine Design), B.E. (Mech.),
Designation :	Lecturer
Date of Joining :	27/08/2001
Experience :	1. Teaching: 19 years 2. Industrial: 0.5 years
Teaching/research Areas :	Drawing , Design , Power Engineering
Courses / Subjects Involved With :	List semester wise along with course name and code 1. Engineering Graphics - 2. Engineering Drawing - 22207 3. Mechanical Working Drawing - 22341 4. Machine Design -22564 5. Entrepreneurship Development - 22202
Staff training/FDP attended in last 3 years	1. Resource person for Syllabus Implementation Program, "Skill Development (302046) at Department of Mechanical Engineering SNJB's COE Chandwad. 2. ERP implementation training 3. Intellectual Property Management (IPM) & Patent Lifecycle Management (PLM)
Paper presentation /conferences attended	1. Metamorphic Robot, National level conference on "Emerging Trends in Mechanical Engineering", MIT Aurangabad, March 5 th & 6 th , 2009. 2. Low Volume Plastic Manufacturing Strategies, International conference on "Science , Engineering & Spirituality" S.E.S.College of Engineering, Navalnagar, April 1 st & 2 nd 2010 3. Experimental and CFD Estimation of Heat Transfer in Helically Coiled Heat Exchanger, 1 st International Conference on "Recent Trends in Engineering and Technology", Late Sau. K.B.J. College of Engineering, Chandwad, 24 th & 25 th March 2012 4. A Review on Influence of Geometry and Other Initial Conditions on the Performance of a PCM Based Energy Storage System, 2 nd International Conference on "Recent Trends in Engineering and Technology", Late Sau. K.B.J. College of Engineering, Chandwad, 22 nd & 23 rd Feb. 2013 5. Thermal Conductivity Enhancement of Phase Change Material Capsules with Channel Geometry,

	<p>International Conference on “Energy, Economy and Environment - ENERGY 2016”, National Institute Of Technology, Calicut, Kerala, 16-17 December 2016.</p> <p>6. Comparative Analysis of Solid Finned Cylindrical Capsule with Channel Section Cylindrical Capsule for a PCM Based Thermal Energy Storage System, 2nd International Conference on Latest Trends in Mechanical Engineering, NSS College of Engineering, Palakkad Kerala, 23-25 March 2017.</p> <p>7. Longitudinal and Radial fins in a Cylindrical Capsule to Store Phase Change Material in Thermal Energy Storage System, National Conference on Latest Trends in Mechanical Engineering NCLTME-2018, NSS College of Engineering, Palakkad Kerala, 6-7 April 2018</p>
Paper published in journals	<ol style="list-style-type: none"> 1. A Review on Influence of Geometry and Other Initial Conditions on the Performance of a PCM Based Energy Storage System, International Journal of Thermal Technologies , Vol.4, No.3, pp. 214-222, 2014 2. Influence of Fins on Solidification of Phase Change Material in Rectangular Capsule, International Journal of Modern trends in Engineering and Research, volume 2, Issue 6, pp. 351-360, 2015 3. Constrained And Unconstrained Melting of Phase Change Material Inside the Spherical Capsule, International Journal of Emerging Technology & Research, Volume 4, Issue 1, 2017
Books published with ISSN/ISBN number :	-----
Participation in MSBTE activities (RAC/DC/Theory/PR Exam/Curriculum development)	<ol style="list-style-type: none"> 1. External Academic Monitoring Committee – Member. 2. MSBTE State Level Quiz Competition - Jury Member. 3. Internal Academic Monitoring Committee - Institute Academic Coordinator. 4. Lab Manual Development Workshop for the subject Design of Machine Elements-17610 – Subject Expert. 5. MSBTE sponsored One Day Orientation Programme – Participant. 6. MSBTE Examination – Sealing Supervisor 7. MSBTE Examination – Supervisor & Squad 8. MSBTE Examination – Paper Setter 9. MSBTE RAC – Paper assessment 10. MBTE Examination – Internal & External Examiner Oral & Practical
List of Projects guided at diploma level last 3 years	<ol style="list-style-type: none"> 1. Ultrasonic Navigation and Detection Defense Robot 2. Fertilizer Spreader 3. To Charge the Electric Vehicle using Wind Energy
Role and responsibilities at institute	<ol style="list-style-type: none"> 1. NBA criteria 2 Coordinator

level	2. Region wise Admission Coordinator
Role and responsibilities at department level	<ol style="list-style-type: none"> 1. Class coordinator 2. Academic Coordinator 3. Discipline Coordinator
Major achievements in last 5 years	<ol style="list-style-type: none"> 1. Completed PhD in "Investigation on Influence of Geometry and other Initial Conditions on the performance of a PCM based Energy Storage System". 2. Model development for Subjects like Engineering Graphics & Drawing, Mechanical Working Drawing and Machine Design 3. ERP Software implemented - Project Coordinator
Professional membership if any	1. Member of Institute of Engineers (MIE) Membership No: A 533193-6
Additional information	My Blog : https://gobashinde.home.blog/

SNJB's S.H.H.J.B. Polytechnic, Chandwad.

Department: Mechanical Engineering



Faculty Profile

Prof. Y. L. KAKUSTE.

Qualification :	B.E., M.E. Mechanical Engineering (M/C Design)
Designation :	Lecturer
Date of Joining :	27- 12- 2008
Experience :	1. Teaching: 12.5 Years 2. Industrial: 02 Years
Teaching/research Areas :	
Courses / Subjects Involved With :	List semester wise along with course name and code 1. Engineering Drawing (ME 2I 22207) 2. Mechanical Working Drawing (ME 3I 22341) 3. Engineering Metrology (ME 3I 22342) 4. Fluid Mechanics & Machinery (ME 4I 22445) 5. Design of Machine Elements (ME 5I 22564) 6. Industrial Engineering & Quality Control (ME 6I 22657)
Staff training/FDP attended in last 3 years	
Paper presentation /conferences attended	
Paper published in journals	International Journal of Scientific Research in Engineering and Management (IJSREM) (ISSN: 2582-3930) Paper Title: Unidirectional Multi-Spindle Color Mixing Machine.
Books published with ISSN/ISBN number :	---
Participation in MSBTE activities (RAC/DC/Theory/PR Exam/Curriculum development)	DC OIC MSBTE Question Paper Setter MSBTE Expert for Model Answer of TH Exam RAC Assessor
List of Projects guided at diploma level last 3 years	1. Unidirectional Multi-Spindle Color Mixing Machine. 2. Adjustable Pull Operated Type Mulching Machine.
Role and responsibilities at institute level	TPO
Role and responsibilities at department level	NBA Criterion 04
Major achievements in last 5 years	
Professional membership if any	
Additional information	

SNJB's S.H.H.J.B. Polytechnic, Chandwad.

Department of Mechanical Engineering

Faculty Profile



Prof. Amol S. Nankar

Qualification :	M.E.(Mechanical)
Designation :	Lecturer
Date of Joining :	29-12-2009
Experience :	1. Teaching: 11 Yrs 2. Industrial: 01 yr.
Teaching/research Areas :	CNC, Advanced Manufacturing, Mechanisms, Tool Engineering, Engineering Graphics.
Courses / Subjects Involved With :	1. MPR (22446) 2. TOM (22446) 3. AMP(22563) 4. TEN (22565) 5. EGM (22002) 6. AEN(22565)
Staff training/FDP attended in last 3 years	1.Two days FDP on leadership at SNJB COE chandwad 2.One week training On CNC programming at Aurangabad 3.One week training on CAM software & CNC tooling at CIPET Aurangabad 4.Around 19 online FDP attended via various online platform
Paper presentation /conferences attended	1. "Study to analyse parameters affecting on erosion wear rate", 2nd international conference on "Recent Trends in Engineering & Technology" (ICRTER 2013) at SNJB late Sau.K.B.Jain college of engineering, Chandwad. 2."Vibration Analysis of Peristaltic Pump Using FET and FFT Analyzer"6th International conference on Recent Trends in engineering and Technology -2018 (ICRTET 2018) at SNJB late Sau.K.B.Jain college of engineering, Chandwad. 3. "A Review of Experimental wear analysis of TiN,CrN,DIC coating on bushing material used in leaf spring" 7th international conference on "Recent Trends in Engineering & Technology (ICRTET 2021) at SNJB late sau.K.B.Jain college of engineering, Chandwad 4."Review of Research on Agricultural Weeding Robot" First international conference on "Recent trends in Engineering Science, Technology & Management (IC-RTETM-2022)" 23rd to 25th Feb.2022.

Paper published in journals	<p>1. "A review paper on various low friction coating with HSS T-42 as base material "IJRTER journal ISSN-2455-1457.Feb.2019</p> <p>2. Experimental analysis of three different types of coating with HSS T-42 as base material " at Mantech Publications. June 2019</p> <p>3. "A Review of Experimental Wear Analysis of Assorted Single Layer Coating on Base Material HSS M-42" Journal of Material Science & Manufacturing Technology Volume 6 Issue 1 at Mantech Publications.</p>
Expert Talk	Delivered expert talk on "CNC Technology and Programming" to BE mechanical Engineering Students at SNJBCOE Chandwad
Books published with ISSN/ISBN number :	Nil
Participation in MSBTE activities (RAC/DC/Theory/PR Exam/Curriculum development)	<p>1. Worked as controller of examination</p> <p>2. Dispatch of answer book to various RAC centre</p> <p>3. collects QP packets from RBTE Aurangabad</p> <p>4. Paper assessment in RAC</p> <p>5. Worked as internal squad for examination</p>
List of Projects guided at diploma level last 3 years	<p>1. Groundnut Processing Machine</p> <p>2. Rod Polishing Machine</p> <p>3. Dehydration equipment for agriculture products</p>
Role and responsibilities at institute level	Admission Campaigning
Role and responsibilities at department level	<p>1. NBA criteria 5 member</p> <p>2. Arrange industrial visit</p> <p>3. Module coordinator for ERP</p> <p>4. Class test coordinator</p> <p>5. Workshop Incharge</p>
Achievements	<p>1. MSBTE appointed as a preparation of MCQ question bank.</p> <p>2. Institute give excellent result appreciation certificate for 100% result for winter-2021 exam</p>
Professional membership if any	1. Life Member of Indian Society for Technical Education (LM ISTE) Membership No: LM 132992
Additional information	Blog-amolnankarblog.wordpress.com