

## Curriculum Vitae

**Name: Ms.Khandagle Kiran R.**

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**Mobile: 8237018588**

**Date of Birth: 26<sup>th</sup> April 1969**



### Academic Credentials

Class/ Degree	Specialization	Institution	University	Year	%	Class
M.E..	Electronics	GECA	Dr.B,A.M. U,A'bad	2005	69	Ist
B.E	Electronics & Telecommunica tion	JNEC	Dr.B,A.M. U,A'bad	1991	55	IInd

**M. Tech. Project: “Microcontroller Based Datacontroller”**

**Ph. D. Research: NA**

### Experience

Sr. No.	Organization	Post	From	To	No. of Years
1	Maharashtra Institute of Technology,A'bad	Asst.Prof	1 <sup>st</sup> August 2018 to till date		1.6
2	Maharathwada Institute of Technology,A'bad	Asst.Prof.	2nd August 2005 to 31 july 2018		13

### List of Courses Taught/Teaching at UG level

- Analog & Digital circuits.

- Analog Communication Engineering.
- Microwave communication.
- Optical communication.
- Wireless & mobile communication
- Microwave and Radar engineering.
- Analog Integrated Circuits.
- Power electronic
- .Electronic devices & ckts-I
- High Speed devices
- Electronic devices & ckts-II
- Elements of electronics and instrumentation

### List of Courses Taught/Teaching at PG level

- Advanced Digital System Design.

### Additional Assignments/Duties

Sr.No.	Name of portfolio/Assignment	Name of Organization	Period
1.	Lab Incharge of Basic Electronics lab	MIT(T),Aurangabad	Jan 2020 to till date
2.	Member of Curriculum development committee	MIT(T),Aurangabad	2018-19
3.	Class Teacher of B.Tech	MIT(T),Aurangabad	2018 to 2019
4.	E-magazine Editor	MIT(T),Aurangabad	2018 to till date
5.	<b>Chief Superintendent</b> for Nov/Dec – 2016-17 regular examinations of Dr. B.A.M.University, Aurangabad	MIT(E),Aurangabad	2 <sup>nd</sup> dec to 26 <sup>th</sup> dec 2016
6.	Seminar Coordinator(third year)	MIT(E),Aurangabad	2017 part-II
7.	<b>NAAC Coordinator</b> (departmental)	MIT(E),Aurangabad	2016-17
8.	<b>Lab incharge</b> of Instru and control lab	MIT(E),Aurangabad	2007 to 2015 and again from 2016 to2018
9.	Member of Internal & External Academic Audit committee	MIT(E),Aurangabad	2015-16

10.	University <b>Practical exam coordinator.</b>	MIT(E),Aurangabad	Sem I & II of 2013-14
11.	Member of <b>Ladies redressal cell</b>	MIT(E),Aurangabad	2014-15
12.	<b>NBA Coordinator</b> (departmental)	MIT(E),Aurangabad	2013
13.	<b>Understudy</b> for Nov/Dec – 2007 examinations of Dr. B.A.M. University, Aurangabad	MIT(E),Aurangabad	Nov/Dec – 2007
14.	<b>Understudy</b> for May/June – 2008 examinations of Dr. B.A.M. University, Aurangabad	MIT(E),Aurangabad	May/June – 2008
15.	<b>Technical Zonal Officer</b> in the Lok Sabha Elections of 2009 at 107-Aurangabad (Central).	<b>Lok Sabha Elections commission [Collector office],Aurangabad</b>	2009
16.	Seminar Coordinator (third year)	MIT(E),Aurangabad	2011-12
17.	Member of <b>DSE Admission Committee.</b>	MIT(E),Aurangabad	2011-12
18.	Central <b>Lab verification committee</b> member for <b>two</b> semester	MIT(E),Aurangabad	2011
19.	Class test co-ordinator	MIT(E),Aurangabad	2010-11
20.	Department Timetable coordinator	MIT(E),Aurangabad	2009-10 sem I & II

### Membership of Professional Bodies

- Associate member of **IETE.(AM101949)**
- Life Member of **ISTE.**

### Research Projects/Projects Guided

PG .-

- Design & Implementation of Microstrip Fractal Antenna with Koch Fractal Geometry using co-axial Feeding Technique
- Solar Energy Monitoring System with LPC 2148 Processor
- Real Time Air Pollution Monitoring and control System for Urban Areas

- Rain Streaks Removal VIA Image Decomposition

#### Computer/Software Proficiency

- Ms Office
- Pspice
- Matlab

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

- STTP on “ Data science & cyber security “ from 10<sup>th</sup> may 2019 to 16<sup>th</sup> may 2019, at Zeal Engineering college, Pune.
- Two week AICTE approved FDP on ”Pedagogy for online and Blended Teaching-Learning process” by IIT Bombay from 14 September 2017 to 12 October 2017.
- One week AICTE approved FDP on ”Physics” by IIT Bombay in 2015
- FDP on “IOT” jointly organized by MIT(E),**Aurangabad** & IETE 2015
- Short Term training program on “**Microcontroller Systems, Programming & Applications**” jointly organized by **GECA** and **Institution of Engineers** in association with **SPJ system Pune**
- Training Workshop on “**Embedded systems and Real time operating system**” (Under **Technical education Quality Improvement** program) organized by GECA
- Attended **STTP** on “**Implementation of Digital Designs on FPGA Device**” jointly organized by **MIT,A’BAD & BIT MAPPER Pune** from 3<sup>rd</sup> to 5<sup>th</sup> jan 2008.
- Attended workshop on “ **Challenges in CMOS VLSI design**” organized by ECE department of MIT(E),A’bad
- One week workshop on “**Design and implementation of Advanced Embedded systems**” organized by ETC department of Maharashtra Institute of technology from 30<sup>th</sup> june to 4<sup>th</sup> july 2008.
- Workshop on” **Labview Programming**” organized by Tech Labs and MIT(T) on 17<sup>th</sup> and 18<sup>th</sup> Nov 2011 at Aurangabad.

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

- Two day workshop on "Mobile making and IOT" on 17 & 18<sup>th</sup> Feb 2019 for SY & TY students.
- Organized technical talk on '**Applications of wireless & Mobile communication**' by Dr. Shankar Nawale, Principal, Sinhagad, Kolhapur
- Industrial visit for second year students of MIT(T) to "Mhaismal TV station."
- Industrial visit for final year students of MIT(E) to "Aurangabad Airport." two times.
- Industrial visit for second year students of MIT(E) to "Hydropower station" at Paithan.
- .Organizing Committee member of 'IEEE Indian Antenna Week-2013'
- Workshop on "**Electronic design and ckt foundation**" for TE(ECE) students at MIT (E) from 29<sup>th</sup> sep to 1<sup>st</sup> Oct 08.
- Visit of SE(ECE) students to BSNL,Aurangabad.
- "**Poster presentation competition** "on **EDC-I** for SE(ECE) students
- Workshop for lab technicians at MIT (E),Aurangabad
- Worked as a as a Co-cordinator for STTP on "**Microwave** " for TE(ECE) students at MIT (E)
- Worked as a organizing committee member of event "n-explora".

#### Invited talks delivered

Delivered Expert talk on " Electronic circuits & applications" at High tech engineering college on 15<sup>th</sup> April 2016.

#### Projects, Research Grants and Consultancy

Nil

#### Intellectual Property Rights

Nil

#### List of Research Publications

##### Papers in National/ International Journal

•	<b>Design of Equilateral Triangular Microstrip Patch Antenna with Co-axial Feeding Technique</b> Mr.Vilas Khairnar, Mrs.Khandagle
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Journal name	Special Issue of International Journal of Electronics, Communication & Soft Computing Science & Engineering, ISSN: 2277-9477, International Conference on Recent Trends in engineering & Technology – 2014(published in Elsevier)
•	<b>Design and Implementation of Dual Frequency Microstrip Patch Antenna with Koch Fractal Geometry using co-axial Feeding Technique</b> Mr.Vilas Khairnar, Mrs.Khandagle K, Mrs.Abhilasha Mishra
Journal name	International Journal of Engineering, Economics and Management ISSN: 2319-7927, Volume 1, Issue 3
•	<b>Solar Energy Monitoring System with LPC 2148 Processor</b> Mr.Nagare, Mrs.Khandagle K.
Journal name	International Journal of Science and Research (IJSR) ISSN (Online): 2319-7064 Index Copernicus Value (2013): 6.14   Impact Factor (2013): <b>4.438</b>
•	<b>Review on Frame based recovery Technique for Corrupted Video files.-</b> Priyanka Nagargoje, Mrs.Khandagle K
Journal name	International Journal of Innovative research in computer and communication engineering(IJIRCCE), ISSN (Online): 2320-9801 ISSN: 2320-9798, Volume 3, Issue 7, JULY 2015 Impact Factor (2015): <b>5.618</b>
•	<b>A review on encoding and reconstuction of encrypted images</b> Shweta M. Ghorpade*, Prof.Khandagle K. R.
Journal name	International journal of engineering sciences & research Technology publication impact factor: 3.785,4(7): 5 July, 2015
•	<b>Review on Frame Based Recovery Technique for Corrupted Video Files</b> Priyanka Nagargoje 1 , K R Khandagale 2
Journal name	International Journal of Innovative Research in Computer and Communication Engineering, Vol. 3, Issue 7, July 2015
•	<b>Real Time Air Pollution Monitoring System for Urban Areas.</b> Maitreyee Shinde, Mrs K. Khandagle
Journal name	Novateur Publication's International Journal of Innovation in Engineering, Research and Technology [IJIERT] ICITDCEME'15 Conference Proceedings ISSN No - 2394-3696
•	<b>Air Pollution Monitoring And Control System For Urban Areas.</b> Maitreyee Shinde 1 , Kiran Khandagle 2

Journal name	International Journal of Innovative Research in Science, Engineering and Technology Vol. 5, Issue 9, September 2016
•	<b>Removing of rain streaks in an image using dictionary learning and sparse coding with compression”</b> Deepa M. Gavhande                      Mrs.Khandagle K.
Journal name	International Research Journal of Engineering and Technology ( <b>IRJET</b> ) Volume: 03 Issue: 05   May-2016 e-ISSN: 2395 -0056 , p-ISSN: 2395-0072
•	<b>A Review Paper on Rain Streaks Removal VIA Image Decomposition</b> Deepa M. Gavhande , Prof. K. R. Khandagle
Journal name	International Journal of Advanced Research in Computer Science and Software Engineering, Volume 5, Issue 5, May 2015
•	<b>Design of Low Power Wake up and Monitoring System for Wireless Sensor Networks</b> Mujeeb S. Khan, K.R. Khandagale
Journal name	Imperial Journal of Interdisciplinary Research (IJIR) Vol-3, Issue-4, 2017    ISSN: 2454-1362

**Books/ Book Chapter: Nil**

#### **Papers in National /International Conference Proceedings**

1.	<b>Real Time Air Pollution Monitoring System for Urban Areas.</b> Maitreyee Shinde, Mrs K. Khandagle
Conference	Novateur Publication’s International Journal of Innovation in Engineering, Research and Technology [IJIERT] ICITDCEME’15 Conference Proceedings ISSN No - 2394-3696
2.	<b>Design &amp; Implementation of Microstrip Fractal Antenna with Koch Fractal Geometry using co-axial Feeding Technique</b> Mr.Vilas Khairnar, Mrs.Khandagle
Conference	3 rd International Conference on Recent Trends in Engineering & Technology(ICRTET’2014)

### NPTEL Certification

Start Date	End Date	Duration (in Weeks)	Course Name	Marks (Out of 100)	Performance
25 <sup>th</sup> Feb 19	22 March 19	4 weeks	TALE-I	75	Elite Silver
29 <sup>th</sup> July 19	20 Sept 19	8 weeks	TALE-II	73	Elite

### Awards, Achievements and Recognition

- Recognition as PG Teacher.
- Appointed as an internal Examiner for ME dissertation by university

Date: 24/2/2020

Place: Aurangabad.