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|  |  |  | FACULTY PROFILE |  |
|  |  |  |  |
| Name: |  | **Mrs. Manisha. U. Phutane** |
| Designation: |  | Assistant Professor,Dr.J.J.M.C.O.E.,Jaysingpur |
| Department: |  | Electronics Engineering |
| Date of Birth: |  | 31 Dec 1969 |
| Email ID: |  | m.phutane@rediff.com ,manisha.phutane@jjmcoe.ac.in |



**Education Qualification**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Sr. No. | Degree |  |  |  |  | University |  | Class Obtained |  |
|  | **1.** | Ph.D. |  |  |  |  | V.T.U.,Belgavi |  | Pursuing |  |
|  | **2.** | M. Tech.(Electronics) |  |  | Shivaji University | First Class |  |
|  | **3.** | B.E.(Electronics) |  |  |  | Shivaji University | Distinction |  |
|  | **4.** | HSC |  |  |  |  | Pune Board |  | Distinction |  |
|  | **5.** | SSC |  |  |  |  | Pune Board |  | Distinction |  |

**Teaching Experience Details: 29.5 years**

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| Sr. No. | Name of Employer |  |  | Post held | Period |  | Total Years |
| **1.** | S.S.T.J.Polytechnic,Solapur |  |  | Lecturer | Aug 1991 to June 1992 | 11months |
| **2.** | W.I.T.Solapur |  |  |  |  | Lecturer | July 1992 to May1993 | 11 Months |
| **3.** | Dr. J. J.M.C.O.E., Jaysingpur |  | Lecturer | Aug 1993 to May 1995 | 1Yrs,10Mon |
|  |  |  |  |  |  |  |  |  | ths |
| **4.** | Dr. J. J.M.C.O.E., Jaysingpur |  | Lecturer | Aug 1996 to May 1998 | 1Yrs,10Mon |
|  |  |  |  |  |  |  |  |  | ths |
| **5.** | Government Polytechnic,Miraj |  | Lecturer | July 1999 to June2005 | 5Yrs,11mon |
|  |  |  |  |  |  |  |  |  | ths |
| **6.** | Dr. J. J.M.C.O.E., Jaysingpur |  | Assi.Professor | Aug.2005 to till date | 16&1/2Yrs. |

**STTP’s Attended**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  **Sr. No.**  | **Name of Course**  | **Place**  | **Period**  | **Dates**  |
| **1.**  | Analytical Instrumental Techniques  | Shivaji University, Kolhapur  | 1 week  | 29.11.2005 to 3.12.2005  |
| **2.**  | Recent Trends in Digital communication.. | COE,Goa | 1 week  | 20.11.2006 To 24.11.2006  |
| **3.**  | Teaching Pedagogies and Modern Trends in Teaching  | Dr.J.J.M.C.O.E.,Jsp.  | 2 week  | 26.12.2006 to 06.01.2007  |
| **4.**  | Emerging Trends in Microwave & Microwave Devices  | M.I.T.Aurangabad | 1 week  | 07.05.2012 to 11.05.2012  |
| **5.**  | Design, Testing, Performance Evaluation& | V.I.I.T.,Pune | 1week  | 18th to 22nd Dec. 2012  |
| **6.**  | Power Electronics & Drives  | W.C.E.Sangli | 2week  | 9th to 20th Dec 2013  |
| **7.**  | Research methodology: Tools & Technique  | Dr.J.J.M.C.O.E.,Jsp | 1week  | 7th Jan to 11th Jan 2014 |
| **8.**  | Embedded Systems with advanced ARM Processors  | S.B.G.I.,Miraj | 1 week  | 23rd to 27th Dec 2014  |
| **9.**  | Padagogy for effective use of ICT in Engineering Education  | Dr.J.J.M.C.O.E., Jsp | 2 week  | 5th t0 31st Jan 2015  |
| **10.**  | Faculty Induction Programme | Dr.J.J.M.C.O.E., Jsp | 1 Week  | 15th July to 22nd July 2015  |
| **11.**  | PLC Automation  | SIT, Yadrav | 1 Week  | 30 Nov to 4 Dec. 2015  |
| **12.**  | Software development tools in Electronics Engg.  | PVPIT ,Budhgaon | 1 Week  | 18 Jan to 22 Jan. 2016  |
| **13.**  | Recent Trends in Image processing –Wavelet Transform and machine Learning  | Dr.J.J.M.C.O.E., Jsp | 1 week  | 28th Nov. to 2nd Dec 2016  |
| **14.**  | TBT-Training under e-Yantra | IIT, Bombay  | 4 months  | 23rd Sep.2016 to 13th Jan 2017  |
| **15.** | Netsim V10 | ADCET,Ashta | 1 week | 11th Dec to 15th Dec 2017 |
| **16.** | Novel Modeling Techniques in Biomedical Engineering | KLE’s Dr,M.S.S.C.O.E.Belgavi | 1week | 1st Jan to 6th Jan 2019 |
| **17.** | Hands-on practices on Balanced Robotics and rapid prototyping using 3-D printing | Dr.J.J.M.C.O.E., Jsp | 1 week  | 24th Dec to 28th Dec 2019 |
| **18.** | Linux Training | Spoken Tutorial,IIT,Mumbai | 1 week | 14th April to 18th April 2020 |
| **19.** | Paradigm shift in Higher Education Institutes | D.Y.PatilIOT,Pimpari,Pune | 2 week | 1st June to 12th June 2020 |
| **20** | Advanced Communication Using IoT & WSN | D.Y.PatilIOT,Akurdi,Pune | 1 week  |  9th Feb to 13th Feb 2021 |
| **21** | Use of Modern Tools and Computing skills for Engineers and Researchers | PriyadarshaniCollege,Nagpur |  1 week | 22nd Feb to 27th Feb 2021 |
| **22** | How to write Research and Thesis paper |  NITTTR, Kolkata | 1 week | 1st March to 5th March 2021 |
| **23** | Green and Secure communications | SIT, Lonavala | 1 week | 15th March to 19th March 2021 |
| **24** | Internet of Things: Product Design, Development and Implementation  | Shri S.G.M.C.O.E.Shegaon | 1 week | 2nd Aug to 8th Aug 2021 |
| **25** | Patient Analytics Course  | Turnip Innovations pvt. Ltd.,Mumbai | 10 days(2 week) | 21st Sep to 30th Sep 2021 |
| **26** | Real Time Embedded and IoT Systems | R.I.T.Rajaramnagar | 1 week | 6th Dec to 10th Dec 2021 |
| **27** | Machine Learning | Dr.J.J.M.C.O.E., Jsp | 1 week  | 24th to 29th Jan 2022 |
| **28** | Recent Trends in Bio-Medical Technology | B.I.G.C.O.E.,Solapur | 1week | 4th April to 8th April 2022 |
| **29** | Artificial Intelligence, Machine Learning & Applications | B.I.G.C.O.E.,Solapur | 1 week | 25th July to 29th July 2022 |

**Paper Published / Presented (National/ International Conference)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr. No.** | **Title of Paper** | **Publication details** | **Link to paper** |
| **1.** | A Wireless Mobile Monitoring Systems For Health care | National Conference on ‘Emerging Trends in Engg. & Management’2008,Pune |  |
| **2.** | Electrocardiogram Data Acquisition and Wireless Transmission | International conference on Emerging & Futuristic System and Technology(ICE-FST’09) 2009 , Alwar |  |
| **3.** | Real Time Telemonitoring of Patients | National Conference ,2009,Manipal |  |
| **4.** | Digital Watermarking Techniques | IOSR journal of Electronics & communication Engg.2013,Jaysingpur *ISSN : 2278-2834, ISBN : 2278-8735, PP : 60-67*  | https://www.iosrjournals.org/iosr-jece/pages/sicete-volume8.html |
| **5.** | Telemedicine Web Server Based on embedded Serial Device. | International Journal of Engineering Sciences & Research Technology January 2014 ***[****414-416]**ISSN: 2277-9655* | http: // [www.ijesrt.com](http://www.ijesrt.com)https://www.academia.edu/6126555/Telemedicine\_Web\_Server\_Based\_on\_Embedded\_Serial\_Device |
| **6.** | Industrial parameter control and monitor using MATLAB | International Conference on Smart Electronics Systems, Belgavi , 20-22 May 2016. *ISSN (Online) 2350-1111, (Print) 2350-1103 Volume 3, Issue 4, 2016 pp. 21-23* | https://web.archive.org/web/20180421095720id\_/http://www.i3cpublications.org/vol3-issue4/IJTS03040616ICSES16.pdf |
| **7** | Soldier Health And Position Tracking SystemUsing GPS and GSM Modem | International Journal of Innovative research in Electrical, Electronics, Instrumentation and Control Engg.*ISSN(online):2321-2004,DOI:10.17148/IJIREEICE.2022.10423* | https://ijireeice.com/papers/soldier-health-and-position-tracking-system-using-gps-and-gsm-modem/ |
| **8** | Water Monitoring System Using Aurdino with LabView | International Journal of Innovative research in Electrical, Electronics, Instrumentation and Control Engg.*ISSN(online):2321-2004,DOI:10.17148/IJIREEICE.2022.10424* | https://ijireeice.com/papers/water-monitoring-system-using-aurdino-with-labview/ |
| **9** | Single Person carrying E-vehicle(TRI-CYCLE) | International Research Journal of Modernization in Engg. Technology and Science e-ISSN:2582-5208 | https://www.irjmets.com/uploadedfiles/paper//issue\_7\_july\_2022/27753/final/fin\_irjmets1657123463.pdf |

**Workshops attended**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sr. No.**  | **Name of Course**  | **Duration**  | **Dates**  | **Place**  |
| **1.**  | Communication Trainer System & DSP  | 1 day  | 27.01.1998  | D.K.T.E.Ichalkaranji |
| **2.**  | Advances in Biomedical Instrumentation  | 3 day  | 1.01.2005 to 3.01.2005  | S.G.G.S , Nanded |
| **3.**  | Embedded System  | 1 day  | 30.08.2005  | KBP, Satara |
| **4.**  | Teaching Methodologies for Mechatronics  | 1 day  | 5.10.2005  | RIT,Rajaramnagar |
| **5.**  | Embedded Systems & Energy Management  | 2 day  | 25.03.2005 to 26.03.2005  | COE, Belgaum  |
| **6.**  | Embedded Systems  | 1 day  | 27.07.2006  | Dr.J.J.M.C.O.E.,Jsp.  |
| **8.**  | Basic Linux Using UBUNTU  | 2 day  | 23.08.2008 to 24.08.2008  | WIT., Solapur |
| **9.**  | Syllabus Revision of T.E. Etrx.  | 2 day  | 10.02.2009 to 11.02.2009  | D.Y.PatilC.O.E.,Kolhapur |
| **10.**  | Actel Technology  | 1 day  | 21.03.2009  | Dr.JJMCOE.,Jaysingpur |
| **11.**  | Development of New Curriculum  | 1 day  | 31.07.2009  | D.K.T.E.Ichalkaranji |
| **12.**  | Syllabus Revision of B.E. Etrx.  | 1 day  | 16.02.2010  | K.I.T.Kolhapur |
| **13.**  | Introduction to ARM Processor  | 2 day  | 23.07.2010 to 24.07.2010  | D.K.T.E.Ichalkaranji |
| **14.**  | B.E.-I Syllabus Coverage  | 1 day  | 31.07.2010  | Dr.J.J.M.C.O.E |
| **15.**  | B.E.-II Syllabus Discussion  | 1 day  | 18.01.2011  | Dr.J.J.M.C.O.E.,Jsp.  |
| **16.**  | Operating System –part-II  | 1 day  | 11.02.2011  | K.I.T.Kolhapur |
| **17.**  | Industrial Consultancy  | 1 day  | 09.09.2011  | Dr.J.J.M.C.O.E., Jsp.  |
| **18.**  | Engineering Education Towards Global Repute  | 1 day  | 07.10.2011  | Dr.J.J.M.C.O.E., Jsp.  |
| **19.**  | Image Processing & Computer Vision  | 2 days  | 3 & 4.08.2012  | Dr.J.J.M.C.O.E., Jsp |
| **20.**  | PHP:A Scripting Language  | 1 day  | 6.10.2012  | Dr.J.J.M.C.O.E., Jsp |
| **21.**  | S.E.-Etrx Syllabus Revision  | 1 day  | 30.01.2014  | D.Y.Patil C.O.E., Kolhapur  |
| **22.**  | Teaching Methodology in problem solving in C  | 1 day  | 30.07.2014  | Dr.J.J.M.C.O.E., Jsp |
| **22.**  | Data Communications  | 1 day  | 12.08.2014  | Dr.J.J.M.C.O.E., Jsp |
| **22.**  | NI Technical Symposium on Lab View  | 1 day  | 23.09.2014  | Pune  |
| **25.**  | Introduction to Latex  | 1 day  | 10.09.2014  | Dr.J.J.M.C.O.E., Jsp |
| **24.**  | T.E.-Etrx Syllabus setting and review  | 1 day  | 13.02.2015  | Dr.J.J.M.C.O.E., Jsp |
| **25.**  | Recent Trends in Communication System  | 1 day  | 28.07. 2015  | AKADEMIKA Lab Solutions ,Mumbai  |
| **26.**  | TE Electronics(Part-II) Syllabus Discussion  | 1 Day  | 16.01. 2016  | Dr.JJMCOE, Jsp.  |
| **27.**  | Syllabus discussion for B.E.Etrx.I& II  | 1 day  | 5.4. 2016  | D.Y.Patil C.O.E. Kolhapur  |
| **28.**  | Syllabus Revision for B.E.Etrx.I& II  | 1 Day  | 22.4. 2016  | D.Y.Patil C.O.E. Kolhapur  |
| **29.**  | Research Methodology  | 1 Day  | 20.10. 2016  | Dr.JJMCOE, Jaysingpur |
| **30.**  | Introduction to Robotics  | 2 day  | 26 & 27.08..2016  | Indian Institute Of Technology ,Bombay  |
| **31.** | Intellectual Property Rights | 2day | 24&25.11.2017 | Dr.JJMCOE, Jaysingpur |
| **32.** | Internet of Things | 2 day | 09 & 10.03.2018 | Dr.JJMCOE, Jaysingpur |
| **32.** | S.E.-Etrx Syllabus setting  | 1 day  | 31.01. 2019 | Dr.J.J.M.C.O.E., Jsp |
| **33.** | Recent Trends in Artificial Intelligence | 2 day | 19 & 20.03.2019 | Dr.J.J.M.C.O.E., Jsp |
| **34.** | Syllabus Draft Finalization of S.Y.B.Tech.(Etrx.&ETC) | 1 day | 8.05.2019 | D.Y.Patil C.O.E. Kolhapur |
| **35.** | New spirit of Assessment and Accreditation Process | 1 day | 20.07.2019 | Jaysingpur College,Jaysingpur |
| **36.** | Teaching Padagogies for S.Y. Electronics Syllabus | 1 day | 11.10.2019 | Dr.JJMCOE, Jaysingpur |
| **37.** | Workshop on NAAC Accreditation | 1 day | 17.01.2020 | D.K.T.E.Ichalkaranji |
| **38.** | Preparation of Revised T.Y.B.Tech(ETC)syllabus | 1 day | 5.03.2020 | D.Y.Patil,Kolhapur |
| **39.** | Machine Learning Using R Studio | 1 day | 29.03.22 | Dr.JJMCOE, Jaysingpur |
| **40** | Virtual Workshop on Industrial Robotics and IoT | 1 day | 04.04.22 | SKYY RIDER Institutions |
| **41** | Virtual Workshop on Python Programming | 1 day | 14.04.22 | SKYY RIDER Institutions |
| **42** | Outcome Based Education | 3 days | 30.04.22 to 2.05.22 | Dr.JJMCOE, Jaysingpur |

**Research /Development Interest**

|  |  |
| --- | --- |
| **Sr. No.**  | **Thrust Area of Research**  |
| **1**  | Embedded System Design  |
| **2**  | Speech Processing  |
| **3.**  | Bio-Medical Engineering  |

**Professional Memberships**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr. No.**  | **Grade of Membership**  | **Name of Organization**  | **Dates**  |
| **1.**  | Life member  | ISTE  | 2009  |
| **2.**  | Life member  | IETE  | 2006  |

**Awards and Honors**

|  |  |  |  |
| --- | --- | --- | --- |
| Sr. No.  | Award/Honour Name  | Organization  | Year  |
| **1.**  | Class A Award  | TBT-2016 IIT, Mumbai  | 2016  |
| **2.** | Participation in Governance Quiz by MyGov | Government Of India | 2017 |

**Sponsored Competitive (Outside institution) Projects Guided/Evaluated**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sr. No.  | Project Title  | Sponsor  | Faculty Member’s role  | Total Amount  | Duration  |
| **1.**  | Robocon-2013  | Dr.J.J.M.C.O.E | Guide/Evaluator  | 1,28,000/-  | 6 months  |
| **2.**  | Robocon-2014  | Dr.J.J.M.C.O.E | Guide/Evaluator  | 50,000/-  | 6 months  |
| **3.**  | Robocon-2015  | Dr.J.J.M.C.O.E | Guide/Evaluator  | 1,80,000/-  | 6 months  |
| **4.**  | Robocon-2016  | Dr.J.J.M.C.O.E | Guide/Evaluator  | 1,20,745/-  | 6 months  |
| **5.**  | e-YIC-2017  | Dr.J.J.M.C.O.E | Guide/Evaluator  | 1,47,000/-  | 6 months  |

**Professional Activities**

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| --- | --- | --- | --- | --- |
| Sr. No.  | Organization  | Title  | Activity  | Dates  |
| **1.**  | KLE, Belgavi.  | NCPE 2015  | Resource person  | 30th Jan 2015  |
| **2.**  | ABVP  | DIPEX-2015  | Judge for Project Competition  | 10th March 2015  |
| **3.**  | ABVP  | DIPEX-2017  | Judge for Project Competition  | 20th March 2017  |
| **4.** | Aher College, Karad | Workshop on Teaching methodology for T.Y. B.Tech. Etc.  | Resource Person | 10 March 2021 |
| **5.** | G.P.Tasgaon |  Guest lecture Arduino applications in Digital India  | Resource person | 29th April 2022 |

**Community Services**

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| --- | --- | --- | --- |
| Sr. No.  | Name of Activity Conducted | Name of Client  | Nature of Work  |
| 01 | Guest lecture  | 12thstd.students of Padmaraje Mahavidyalaya, Shirol on topic ‘Advanced Physics’ | Resource person |
| 02 | Workshop on “Use of Computer in day today life “  | Women in Nandani on 16th Nov 2017. | Two day workshop Organizer |
| 03 | Workshop on “Use of Computer in day today life “ | Anganwadi teachers of Nearby villages | Resource person |

**Date: 14/09/2022 Signature**

**Place: Jaysingpur**

Prof. Mrs. Phutane M.U