

GOVERNMENT RESIDENTIAL WOMEN'S POLYTECHNIC, LATUR

Faculty Profile

1. Name of the faculty : Mrs. Seema Ajay Agarkar
2. Designation : Lecturer
3. Name of the Department: Electronics and Communication
4. Date of Birth : 16/08/1971
5. First Date of joining : 13/01/2006
6. Date of joining in this institute :23/01/2015
7. Address for correspondence : Government residential women's polytechnic,
Latur
- 8.
9. Mobile No. :9422323691
- 10.Email : agarkarseema16@gmail.com
- 11.Academic Qualification (Bachelor Degree onwards)

| Sr. No. | Degree Held | University | Year of passing | Specialization |
|---------|-------------------|------------|-----------------|----------------|
| 1 | B.E. | Nagpur | 1996 | Electronics |
| 2 | M.E.(by research) | Nagpur | 2012 | Electronics |

12.Experience:

| Sr.no | Name of Industry/ Institute | Experience in Yrs. |
|-------|---|--------------------|
| 01 | Government Polytechnic Khamgaon | 09 |
| 02 | Government Residential women's Polytechnic,Latur. | 08 |

13.Research Publication :

| Sr. No. | Title of Journals / Research Papers | Publications | Venue |
|---------|--|---------------------------------------|-------|
| 01 | Important considerations and timing simulation analysis of recent 8-BIT Embedded controllers for industrial and wireless sensor network applications demanding low and | IJAER, ISSN 0973-4562, December 2009. | ----- |

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| | very low power requirements. | | |
| 02 | Recent 8-Bit Embedded controllers in precision agricultural computing using wireless sensor network Environmental parameter monitoring: A case study of Net House. | International Journal of ETE, May 2010 | ----- |
| 03 | WSN based Low Cost and Low Power EPM Design and Field Micro-Climate Analysis using Recent Embedded Controllers | International Journal of Computer Applications (0975-8887) Vol. 12-No.6, December 2010 | ----- |
| 04 | Low Power Considerations and Timing Simulation Analysis of Recent 8-Bit Embedded Controllers including AT89C5130/31A-M-Frozen-in-Idle-State MCUs for WSN Applications | International Journal of Computer Applications (0975-8887) Vol. 15-No.5, February 2011 | ----- |
| 05 | Transforming Information technology into Green Information Technology :Indian Scenario | National conference on Green technology(NCGT-2010) | S.S.G.M.C.E Shegaon |
| 06 | Important differences and low power operation of PIC 16C6X/7X and AT tiny 25/45/85 Microcontrollers and overview of some recent applications. | International Conference – Insight 2007 ACE, Chikhali, 1stMarch 2007. | ACE, Chikhali. |
| 07 | Low power design considerations for low cost wireless sensor network applications using recent 8-Bit Embedded controllers. | ICSE – 2010, DSCE – Bengaluru, April 21st – 23rd2010 | DSCE – Bengaluru. |
| 08 | Overview of Industrial applications of AVR RISC and PIC Microcontrollers and comparative study of important features. | ISTE sponsored VESD, AEC, Hosur, Tamil Nadu, March 5th-6th, 2007. | VESD, AEC, Hosur, |
| 09 | Wireless sensor network application in Environmental parameter monitoring of A Net | AICTE Sponsored NCAWC – 2010 S.S.G.M.C.E | S.S.G.M.C.E Shegaon |

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|----|--|--|-----------------------------|
| | House: Low power design approach using recent 8-Bit Embedded controllers for precision agriculture. | Shegaon, May 7th-8th 2010. | |
| 10 | Green Information Technology using cloud computing: Global scenario. | National Conference On Green Technology NCGT – 2010 16th – 17th April 2010. | S.S.G.M.C.E Shegaon. |

14.Details about training

| Sr. No. | Title of Lecture / Seminar/Workshop | Date | Venue |
|----------------|--|--|---|
| 01 | Digital system Design using VLSI Techniques | 20 th -24 th March 2007 | V.Y.W.S Prof.RamMeghe Institute of Technology &Research,Badnera-Amravati. |
| 02 | Faculty Development (Educational Technology) | 21-25 January 2008 | Government Polytechnic Nagpur. |
| 03 | VLSI Designs | 6 th Jan-10 th Jan 2009 | G.H.RaisoniPolytechnic,Nagpur |
| 04 | Induction Phase-I | 28 th -9 th July 2010 | Government Polytechnic,Khamgaon. |
| 05 | ALDEC Active HDL Software | 15 th -19 th Jan 2013 | Government Polytechnic,Nagpur |
| 06 | Analog Electronics | 4 th -14 th June 2013 | Conducted by IIT Khargpur at S.S.G.M.C.E.Shegaon |
| 07 | Advance Controller & It's application to Engineering System. | 1 st -5 th June 2015 | G.H.Raisoni College of Engineering Nagpur. |
| 08 | Total quality Management | 15 th -19 th June 2015 | G.H.Raisoni College of Engineering Nagpur. |
| 09 | Induction Phase-II | 7 th -18 th December 2015 | NITTTR Bhopal |
| 10 | Ethics and Moral Values | 5 th -18 th December 2017 | Smt.KashibaiNavale College of Engineering Pune. |
| 11 | Moral Values And Ethics for Engineering Teachers. | 11 th -20 th November 2019 | Arranged by Prof.RamMeghe Institute of Technology &research Badnera-amravati Conducted at ART OF LIVING INTERNATIONAL CENTER BANGLORE |
| 12 | Stepping stone To Startup India | 16 th -20 th December 2019 | Government Polytechnic,Ratnagiri. |
| 13 | Wearable devices and its | 1 st -5 th February | SVERI COE |

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|----|--|--|---|
| | Technologies. | 2021 | Pandharpur(Online mode) |
| 14 | Implanting Entrepreneurship Skills in Engineering Diploma Students | 14th -18 th February 2022 | Government Polytechnic,Dhule(Online mode) |
| 15 | Enhancing Industry Institute Interaction. | 7 th -11 th March 2022 | Government Polytechnic, Nanded(Online mode) |
| 16 | Training Program on E-Governance for Institutional Development | 28 th -30 th March 2019 | YASHADA Pune |
| 17 | Foundation training program for Class-I officers of DTE | 2 nd May-12 th June 2018 | YASHADA Pune |
| 18 | Pedagogical Training in Engineering Education(TEQUIP) | 12 th -14 th March 2009 | S.S.G.M.C.E. Shegaon |

a) Expert Lecture/Seminar delivered

| Sr. No. | Title of Lecture / Seminar | Date | Venue |
|----------------|---|-------------|--------------------------|
| 01 | Entrepreneurial Mind Set | 09/07/2020 | TP Cell GRWPL(Online) |
| 02 | Role and Potential of Women Entrepreneurs in Community Development. | 03/11/2020 | GRWPL(Online) |

b) Workshop / Seminar Attended

| Sr. No. | Name of Workshop / Seminar Attended | Date | Venue | Days/Week |
|----------------|---|--|-----------------------------------|---------------------|
| 01 | Current trends in optical fiber communication | 21 st June 2020 | IEEE industry application society | One day Webinar |
| 02 | DELL Future ready-Employability Skills training | 26 th -30 th August 2022 | GRWPL | One week (full Day) |

c) Training attended

| Sr. No | Title | ISTE/MSBTE/DTE/AICTE/YASHADA/NIT TTR/OTHER | Date | Venue | Days/Week |
|---------------|--|---|---|---|------------------|
| 1 | Digital system Design using VLSI Techniques | AICTE-ISTE | 20 th -24 th March 2007 | V.Y.W.S Prof.RamMeghe Institute of Technology &Research,Badnera-Amravati. | One week |
| 2. | Faculty Development (Educational Technology) | MSBTE | 21 -25 January 2008 | Government Polytechnic Nagpur. | One week |
| 3 | VLSI Designs | MSBTE | 6 th Jan-10 th Jan 2009 | G.H.RaisoniPolytechnic ,Nagpur | One week |
| 4 | Induction Phase-I | ISTE | 28 th -9 th July 2010 | Government Polytechnic,Khamgaon. | Two Weeks |
| 5 | ALDEC Active HDL Software | MSBTE | 15 th -19 th Jan 2013 | Government Polytechnic,Nagpur | One Week |
| 6 | Analog Electronics | ISTE | 4 th -14 th June 2013 | Conducted by IIT Khargpur at S.S.G.M.C.E.Shegaon | Two Weeks |
| 7 | Advance Controller & It's application to Engineering System. | TEQIP-II | 1 st -5 th June 2015 | G.H.Raisoni College of Engineering Nagpur. | One Week |
| 8 | Total quality Management | TEQIP-II | 15 th -19 th June 2015 | G.H.Raisoni College of Engineering Nagpur. | One Week |

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|----|---|--|--|---|---------------------------|
| 9 | Induction Phase-II | NITTTR | 7 th -18 th December 2015 | NITTTR Bhopal | Two Weeks |
| 10 | Ethics and Moral Values | AICTE | 5 th -18 th December 2017 | Smt.KashibaiNavale College of Engineering Pune. | Two Weeks |
| 11 | Moral Values And Ethics for Engineering Teachers. | AICTE | 11 th -20 th November 2019 | Arranged by Prof.RamMeghe Institute of Technology &research Badnera- amravati Conducted at ART OF LIVING INTERNATIONAL CENTER BANGLORE | Two Weeks |
| 12 | Stepping stone To Startup India | DTE | 16 th -20 th December 2019 | Government Polytechnic,Ratnagiri. | One Week |
| 13 | Wearable devices and its Technologies. | AICTE (ATAL) | 1 st -5 th February 2021 | SVERI COE Pandharpur(Online mode) | One Week(Full time) |
| 14 | Implanting Entrepreneurship Skills in Engineering Diploma Students | MSBTE | 14 th -18 th February 2022 | Government Polytechnic,Dhule(Onli ne mode) | One Week(Full time) |
| 15 | Enhancing Industry Institute Interaction. | Directorate of Technical Education | 7 th -11 th March 2022 | Government Polytechnic,Nanded(On line mode) | One week(Full Time) |
| 16 | Training Program on E-Governance for Institutional Development | YASHADA Pune | 28 th -30 th March 2019 | YASHADA Pune | Three Day |
| 17 | Foundation training program for Class-I officers of DTE | YASHADA Pune | 2 nd May- 12 th June 2018 | YASHADA Pune | 6 Weeks(45 Day) |
| 18 | Pedagogical Training in Engineering Education(TEQUIP) | S.S.G.M.C.E. Shegaon | 12 th -14 th March 2009 | S.S.G.M.C.E. Shegaon | Three Day |

14. Membership and position in professional societies:

| Sr. No. | Technical Societies/ Institution | Membership |
|----------------|---|---------------------------|
| 01 | ISTE | Life Member (LM 52221) |

15. Book publication:

| Sr. No. | Title of Book | Publication Year | Edition Status |
|----------------|----------------------|-------------------------|-----------------------|
| | NIL | NIL | NIL |

16. Award and Merit certificates:

| Sr No | Title | Authority | Work contribution | Year |
|--------------|--------------|------------------|--------------------------|-------------|
| | NIL | NIL | NIL | ---- |