



## Sinhgad Technical Education Society's

Sinhgad College of Engineering  
Vadgaon (Budruk) Off. Sinhgad Road, S.No. 44/1,



**Prof. Ganesh Nandkumar Gaikwad**

**BE ENTC**

gngaikwad.scoe@sinhgad.edu

9881123178

### Significant Achievement

- Guest lecture on Signals and Systems ON 10th Oct 2013 Place-NBNSSOE, PUNE
- Worked as a Judge in Nirmitee 15 at SVCP, Pune event held on 27th March 2015
- Guest Lecture on Signals and Systems at SITS, Narhe Discussion on preparation from theory and online point of view
- Thrust Topic- Faculty Training Program Discussion on key topics of Signals and Systems
- Worked as a resource person at SAE, Kondhwa organized by SPPU Faculty Orientation Workshop-Unit V discussion - Signals and Systems

### Academic Qualification

| Degree                                | Institute Name                          | University Name    | Year of Passing | Percentage | Grade       | Qualification Status |
|---------------------------------------|---|--------------------|-----------------|------------|-------------|----------------------|
| BE Electronics and TeleCommunications | Modern College of Engineering, Pune     | University of pune | 2005            | 62.8%      | First Class | Completed            |
| ME                                    | Sinhgad College of Engineering, Pune-41 | Pune university    | 2010            | -          | 8.05        | Completed            |

### Conference Details

| Name                         | Venue                  | Date                       | Level         | Category             | Type | Sponsored By       |
|------------------------------|------------------------|----------------------------|---------------|----------------------|------|--------------------|
| NCPC 2010                    | SCOE, Pune 41          | 09 Feb 2010 to 10 Feb 2010 | National      | Research             |      | IEEE pune          |
| ePGCON 2010                  | RSCOE, Pune            | 17 Apr 2010 to 17 Apr 2010 | Institute     | Research             |      | University of Pune |
| Ansys Convergence Conference | The Westin Hotel, Pune | 06 May 2014 to 06 May 2014 | International | Industry Interaction |      | ANSYS              |

|  |            |                            |               |          |  |  |
|--|------------|----------------------------|---------------|----------|--|--|
| A study of QOS Enhancement of MPEG-4 video transmission over wireless mesh network | SOCE, Pune | 08 Jan 2015 to 10 Jan 2015 | International | Research |  | IEEE communication s society, Pune, SPPU |
|--|------------|----------------------------|---------------|----------|--|--|

## Research Papers and Journals

| ISSN/ISBN No | Paper Title   | Publish Date | Journal/Conference Name   | Level                       | Paper Status           | Authors        |
|--------------|---|--------------|---|-----------------------------|------------------------|----------------|
| 0974-973X    | Electromagnetic Bandgap Structure for Improving Performance Parameters of Microstrip Antenna and Reducing Mutual Coupling | 2010         | International Journal of Programmable Device Circuits and Systems | Refereed Journal            | Accepted and Published | Ganesh Gaikwad |
| 2229-6948    | Mutual coupling reduction between microstrip antennas using Electro-magnetic Bandgap Structure                            | 2011         | ICTACT Journal on Communication Technology                        | Refereed Journal            | Accepted and Published | Ganesh Gaikwad |
| NA           | Effect of particle size on Optical Radiation Efficiencies of Spherical plasmonic Metal Nano particles                     | 2010         | NCPC 2010,Pune  | Conference - National level | Accepted and Published | Ganesh Gaikwad |
| NA           | An Overview of Electromagnetic Bandgap Structures in Antenna Engineering  | 2010         | NCPC 2010,Pune  | Conference - National level | Accepted and Published | Ganesh Gaikwad |
| NA           | Implementation of Electromagnetic Bandgap for Performance Enhancement of Microstrip Antenna                               | 2010         | NCPC 2010, Pune   | Conference - National level | Accepted and Published | Ganesh Gaikwad |
| NA           | Performance of Microstrip Antenna With and Without Electromagnetic Bandgap Structure                                      | 2010         | NCPC 2010, Pune   | Conference - National level | Accepted and Published | Ganesh Gaikwad |
| NA           | The Application of RFID in Inventory Management   | 2013         | NSPC 2013, SCOE, Pune   | Conference - National level | Accepted and Published | Ganesh Gaikwad |
| NA           | To Improve LOCKOUT Procedure on critical CNC machines by Implementing DEADMAN Switch                                      | 2013         | NSPC 2013, SCOE ,Pune   | Conference - National level | Accepted and Published | Ganesh Gaikwad |

|                |  |      |  |                                  |                        |                |
|----------------|--|------|--|----------------------------------|------------------------|----------------|
| NA             | Performance of Microstrip Antenna With and Without Electromagnetic Bandgap Structure       | 2010 | ePGCON-2010  | Other                            | Accepted and Published | Ganesh Gaikwad |
| 1-4244-0661    | On the Miniaturization of Printed Rectangular Microstrip Antenna for Wireless Applications | 2007 | International Microwave and Optoelectronics Conference (IMOC-2007) | Conference - International level | Accepted and Published | Ganesh Gaikwad |
| NA             | Design of Modified Sierpinski Gasket Fractal Antenna for Wireless Applications             | 2013 | NCLTE 2013   | Conference-National level        | Accepted and Published | Ganesh Gaikwad |
| NA             | Miniature Multiband Antenna  | 2013 | NCLTE 2013   | Conference - National level      | Accepted and Published | Ganesh Gaikwad |
| NA             | Extended Arm Dipole Multiband Antenna  | 2014 | TECHNOVISIO N-2014   | Conference-International level   | Accepted and Published | Ganesh Gaikwad |
| NA             | Design of Sierpinski Gasket Fractal Antenna for Wireless Communication                     | 2014 | TECHNOVISIO N-2014   | Conference-International level   | Accepted and Published | Ganesh Gaikwad |
| ISSN 2250-3153 | American Sign Language Detection   | 2014 | International Journal of Scientific and Research Publications      | Journal - International level    | Accepted and Published | Ganesh Gaikwad |
| 2278-0181      | Heat recovery system for oven in paint shop  | 2015 | IJERT,VOLUME IV,ISSUE 06   | Journal - International level    | Accepted and Published | Ganesh Gaikwad |

## Membership Details

| Membership Body | Details | Duration       | Level    |
|-----------------|---------|----------------|----------|
| LMISTE          | LM63379 | 01 Apr 2009 to | National |

## Post Held

| Organization Name   | Post                         | Organization Category | Appointment Status      | Duration                   |
|---|------------------------------|-----------------------|-------------------------|----------------------------|
| Wieler International Electronics Pvt. Ltd.                  | Trainee                      | Private Ltd. Company  | Temporary               | Jan 04,2006 to Feb 16,2007 |
| Defence Institute of Advanced Technology(Deemed University) | Junior Research Fellow (JRF) | Government            | Temporary               | Jul 26,2007 to Jul 25,2008 |
| Sinhgad College of Engineering, Pune                        | Assistant Professor          | STES                  | Full time and Permanent | Jul 26,2008 to             |

## Self Contribution

### Organizational Development Contribution(2012-2013)

| Date | Venue | Contribution | Category |
|------|-------|--------------|----------|
|------|-------|--------------|----------|

### Institutional Development Contribution(2012-2013)

| Date | Venue | Contribution | Category |
|------|-------|--------------|----------|
|------|-------|--------------|----------|

### Organizational Development Contribution(2008-2009)

| Date | Venue | Contribution | Category |
|------|-------|--------------|----------|
|------|-------|--------------|----------|

| Institutional Development Contribution(2009-2010) |                                      |  |                             |
|---|--------------------------------------|--|-----------------------------|
| Date  | Venue                                | Contribution   | Category                    |
| 09, Apr - 10, Apr                                 | Sinhgad College of Engineering, Pune | NCPC 2010 worked as a coordinator and committee member | Organizing committee member |

| Institutional Development Contribution(2009-2010) |                                      |   |                             |
|---|--------------------------------------|---|-----------------------------|
| Date  | Venue                                | Contribution  | Category                    |
| 25, Apr - 26, Apr                                 | Sinhgad College of Engineering, Pune | Worked as an organizing committee member for ePGCON 2009 - conference for PG students | Organizing committee member |

| Organizational Development Contribution(2009-2010) |                         |   |                             |
|--|-------------------------|---|-----------------------------|
| Date   | Venue                   | Contribution  | Category                    |
| 13, Dec - 17, Apr                                  | STES Narhe Campus, Pune | Worked as a committee member for International Conference | Organizing committee member |

| Organizational Development Contribution(2010-2011) |       |              |          |
|--|-------|--------------|----------|
| Date   | Venue | Contribution | Category |

| Organizational Development Contribution(2011-2012) |       |              |          |
|--|-------|--------------|----------|
| Date   | Venue | Contribution | Category |

| Institutional Development Contribution(2008-2009) |                                      |  |                             |
|---|--------------------------------------|--|-----------------------------|
| Date  | Venue                                | Contribution   | Category                    |
| 23, Sep - 24, Apr                                 | Sinhgad College of Engineering, Pune | Organizing committee member AVISHKAR 2009- Project competition for Engineering students and teachers | Organizing committee member |
| 17, Nov - 18, Nov                                 | Sinhgad College of Engineering, Pune | Organizing committee member Innovation 2008- Conference for Engineering teachers                     | Organizing committee member |

| Institutional Development Contribution(2010-2011) |                                      |  |                             |
|---|--------------------------------------|--|-----------------------------|
| Date  | Venue                                | Contribution   | Category                    |
| 15, Oct - 16, Oct                                 | Sinhgad College of Engineering, Pune | Organizing committee member Innovation 2010- Conference for Engineering teachers | Organizing committee member |

| Institutional Development Contribution(2011-2012) |       |              |          |
|---|-------|--------------|----------|
| Date  | Venue | Contribution | Category |

| Academic Development Contribution(2008-2009) |       |              |          |
|--|-------|--------------|----------|
| Date   | Venue | Contribution | Category |

| Academic Development Contribution(2009-2010) |       |              |          |
|--|-------|--------------|----------|
| Date   | Venue | Contribution | Category |

| Academic Development Contribution(2010-2011) |       |              |          |
|--|-------|--------------|----------|
| Date   | Venue | Contribution | Category |

| Academic Development Contribution(2011-2012) |       |              |          |
|--|-------|--------------|----------|
| Date   | Venue | Contribution | Category |

| Academic Development Contribution(2012-2013) |       |              |          |
|--|-------|--------------|----------|
| Date   | Venue | Contribution | Category |

**Student Development Contribution(2008-2009)**

| Date | Venue | Contribution | Category |
|------|-------|--------------|----------|
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**Student Development Contribution(2009-2010)**

| Date | Venue | Contribution | Category |
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| Date | Venue | Contribution | Category |
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**Student Development Contribution(2012-2013)**

| Date | Venue | Contribution | Category |
|------|-------|--------------|----------|
|------|-------|--------------|----------|

**Institutional Development Contribution(2014-2015)**

| Date            | Venue      | Contribution                        | Category            |
|-----------------|------------|-------------------------------------|---------------------|
| 08,Jan - 10,Jan | SCOE, PUNE | Organizing Committee member of ICPC | Member              |
| 25,Jun - 30,Jun | SCOE       | Cultural coordinator of SCOE        | Member of Committee |

**Organizational Development Contribution(2014-2015)**

| Date            | Venue                          | Contribution                         | Category            |
|-----------------|--------------------------------|--------------------------------------|---------------------|
| 25,Jun - 30,Jun | SKNCOE,Dr. DY Patil COE-Pimpri | Checking of SPPU papers of SE and TE | Examiner            |
| 25,Jun - 30,Jun | SPCP, Pune                     | Worked as a judge in Nirmitee 2015   | Judge               |
| 25,Jun - 30,Jun | SPPU                           | SE SS paper setting                  | Paper Setter        |
| 25,Jun - 30,Jun | SCOE, Pune                     | Organizing member of ICPC 2015       | Member of Committee |
| 25,Jun - 30,Jun | SCOE                           | Supervision of SPPU papers           | Exam Supervision    |
| 25,Jun - 30,Jun | SCOE                           | BE project guide                     | Guide / Mentor      |

**Academic Development Contribution(2014-2015)**

| Date            | Venue       | Contribution   | Category            |
|-----------------|-------------|--|---------------------|
| 25,Jun - 30,Jun | SCOE E & TC | SE Online exam coordinator, member industrial visit committee, Incharge maintenance activity, Building incharge, | Member of Committee |

**Institutional Development Contribution(2015-2016)**

| Date            | Venue                   | Contribution   | Category    |
|-----------------|-------------------------|--|-------------|
| 01,Jul - 30,Jun | SCOE                    | Cultural Coordinator   | Cultural    |
| 28,Oct - 28,Oct | SCOE Dental Hall        | worked as a coordinator for Elocution program organized by Central Bank of India   | Coordinator |
| 13,Feb - 15,Feb | Student Activity Centre | Worked as a coordinator for Young Innovators poster presentation competition event organized by Pune Municipal Corporation | Coordinator |

**Organizational Development Contribution(2015-2016)**

| Date            | Venue                 | Contribution                                  | Category                    |
|-----------------|-----------------------|---|-----------------------------|
| 01,Jul - 30,Dec | KJ Trinity COE        | SS examiner                                   | Examiner                    |
| 01,Jul - 30,Dec | SPPU                  | Signals and Systems paper setting             | Paper Setter                |
| 01,Jul - 31,Dec | KJ Trinity COE        | Moderation of Signals and Systems SPPU papers | Moderator / Chief Moderator |
| 15,Dec - 31,Mar | DrDY Patil COE,Pimpri | worked as a examiner for TE-AWP SPPU          | Examiner                    |

|                 |                   |                              |                |
|-----------------|-------------------|------------------------------|----------------|
| 15,Jun - 30,Apr | E &TC Dept , SCOE | 2 project groups were guided | Guide / Mentor |
|-----------------|-------------------|------------------------------|----------------|

| <b>Academic Development Contribution(2015-2016)</b> |              |   |                 |
|---|--------------|---|-----------------|
| <b>Date</b>   | <b>Venue</b> | <b>Contribution</b>   | <b>Category</b> |
| 01,Jul - 30,Jun                                     | E &TC Dept   | SE Online exam coordinator, Industrial Visit Coordinator,Housekeeping Coordinator | Coordinator     |

| <b>Student Development Contribution(2015-2016)</b> |              |   |                                  |
|--|--------------|---|----------------------------------|
| <b>Date</b>  | <b>Venue</b> | <b>Contribution</b>   | <b>Category</b>                  |
| 25,Jun - 25,Sep                                    | E &TC Dept   | Developed Signals and Systems Theory and MCQ bank which is used by several colleges in SPPU | Lab Manual Preperation in-charge |
| 01,Jul - 30,Jun                                    | E &TC Dept   | TE A 4 batch as a teacher guardian  | Teacher Guardian                 |

## Declaration

I hereby declare that all the above information furnished by me are true to the best of my knowledge.

Date :01-Aug-2016

Prof. Ganesh Gaikwad