

Sinhgad Technical Education Society's Smt. Kashibai Navale College of Engineering, Vadgaon (Budruk), Pune (411041)

Dr. Purushottam G. Chilveri

PhD. (Electronics & Telecommunication Engineering)

Email: pgchilveri.skncoe@sinhgad.edu

Mob. No: 9881739074



Awards/Honors/Achievements

- 1. Selected for the Smart India Hackthon 2020 National Level Competition by Govt of India a project competition for BE.
- Won the 2nd Prize in the Judges' choice Award at Transform Maharshtra organised by Govt of Maharshtra Mumbai 2017.
- 3. Won the National Level 1st Prize in the project competition at IBM Cloud Hackethon 2014 organized by IBM India
- 4. Selected for the INNOVATION 2009 in best project competition category and represented SPPU at State level competition for the same and stood second at the state level.

Academic Qualification:

| Degree | Institute Name | University Name | Year of Passing | Qualification Status |
|---------|-------------------|--------------------|--------------------|----------------------|
| Ph.D. | ZCOER, Pune | SPPU Pune | 2021 | Completed |
| M. Tech | COEP, Pune | SPPU Pune | 2010 | Completed |
| B.E. | PVGCOET | SPPU Pune | 2001 | Completed |

Research Expertise

• Subject Areas: Signal Processing, VLSI, Network Security

Training Details

Training Conducted

| Training Title | Arrange By | Venue | Date | Level | Category | Type |
|----------------------|---------------|--------|----------|------------|----------|----------|
| SDR Capsule | Cyronix | MCTE | 21st Feb | NA | Cadets | External |
| • | Innovation | Indore | to 26th | | | |
| | Labs Pvt Ltd. | | Feb 2022 | | | |
| SE (E&TC/ | SPPU | DYPCOE | 18th to | University | Faculty | External |
| Electronics) revised | | Pimpri | 20th Jan | | | |
| syllabus 2019 course | | | 2021 | | | |
| for the subject | | | | | | |
| Principles of | | | | | | |
| Communication | | | | | | |
| Systems (E&TC) | | | | | | |

| Training Title | Arrange By | Venue | Date | Level | Category | Туре |
|------------------------|-------------|---------|---------------------|------------|----------|----------|
| SE (E&TC/ | SPPU | MIT COE | 15th to | University | Faculty | External |
| Electronics) revised | | Pune | 17th | | | |
| syllabus 2015 course | | | 2016 | | | |
| for the subject Analog | | | | | | |
| Communication | | | | | | |
| (E&TC) | | | | | | |
| FE All Branches | TTT by STES | SCOE | 6 th Jan | STES | Faculty | Internal |
| Project Based | | | 2020 | | | |
| Learning | | | | | | |
| BE E&TC Broadband | TTT by STES | RMD | 2nd and | STES | Faculty | Internal |
| Communication | - | Sinhgad | 3 rd Jan | | Ţ | |
| System | | Pune | 2020 | | | |

Training Attended

| Training Title | Arrange By | Venue | Date | Level | Category | Type |
|------------------------|-------------|---------|---------------------|------------|----------|----------|
| SE (E&TC/ | SPPU | DYPCOE | 18th to | University | Faculty | External |
| Electronics) revised | | Pimpri | 20th Jan | | | |
| syllabus 2019 course | | | 2021 | | | |
| for the subject | | | | | | |
| Principles of | | | | | | |
| Communication | | | | | | |
| Systems (E&TC) | | | | | | |
| SE (E&TC/ | SPPU | MIT COE | 15th to | University | Faculty | External |
| Electronics) revised | | Pune | 17th | | | |
| syllabus 2015 course | | | 2016 | | | |
| for the subject Analog | | | | | | |
| Communication | | | | | | |
| (E&TC) | | | | | | |
| BE E&TC Broadband | TTT by STES | RMD | 2 nd and | STES | Faculty | Internal |
| Communication | - | Sinhgad | 3 rd Jan | | | |
| System | | Pune | 2020 | | | |

Workshop Details Workshop Organized

| Workshop | Topic | Conducted By | Date | Level | Category | Туре |
|----------|--|------------------|--|-------|----------------|----------|
| FoW | Network Security | BoS SPPU Pune | 331 st Jan to 2 nd Fe 2022 | | For Faculty | Internal |
| STTP | Quality Evaluation in Video Processing | SKNCOE | 2017 | State | For Faculty | Internal |
| STTP | DSP Implementation on FPGA Platform | SKNCOE | 20 th -30 st June 2012 | State | For Faculty | Internal |

Workshop Attended

| Workshop | Topic | Conducted By | Date | Level | Category | Type |
|----------|---|--------------------------|--|----------|----------|----------|
| FDP | Cyber Security and Block chain Technology | GCOEK | 22 nd to 28 th 2021 | National | AICTE | External |
| FDP | Emerging Trends in Micro/Nano Sensors | Shri Manakula Vinagar | 8 th to 13 th Feb2021 | National | AICTE | External |

| | | Engineering | | | | |
|-----|--|---|--|----------|----------------------------|----------|
| | Industrial Application, | | | | | |
| | D | Puducheri | 4.00 | | 75.5 | F . 1 |
| FDP | Recent Trends in VLSI Design | MIT Academy of Engineering , Alandi(D), Pune | 19 th to 23 rd July 2021 | State | FDP Entuple | External |
| FDP | Academic Leadership & Management of Technical Education | Faculty of Engineering & Technology, Gurukula Kangri (Deemed to be) University, Haridwar. | 17 th to 21 st May 2021 | National | AICTE | External |
| FDP | Emerging trends and challenges: ML IoT and Cyber Security, | SKNCOE | 18 th to 22 nd Jan 2021 | State | FDP | Internal |
| FDP | FPGA Based Deep | KLE Technological University. | 5 th to 9 th July 2021 | National | AICTE | External |
| FDP | Digital Electronics using VHDL | NITTTR Kolkata | 28 th to 2nd July 2021 | National | Govt of India | External |
| FDP | Recent Advances and Trends in Lightweight Cryptography for IoT Security and Block chain Technologies | University Institute of Technology, Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal | | National | AICTE | External |
| FDP | Digital Forensic and Security Research | GCOEK | 25 th to 29 th April 2020 | State | TEQIP III | External |
| FDP | Outcome Based Education: A Step Towards Excellence, FDP | GCOEK | 11 th to 15 th May 2020 | State | AICTE | External |
| FDP | Moodle Learning management System, FDP | IITB | 13 th to 15 th May 2020 | State | IITB Spoken Tutorial | External |
| FDP | Signal, Image & Video Processing: A Practical Approach (SIVPAPA-2020), | GCOEK | 26 th to 30 th May 2020 | State | AICTE | External |
| FDP | MATLAB for all | J. 1.11 | 4 th to 8 th June 2020 | National | ISTE | External |
| FDP | Roadmap for Patent Creation | IIT | 1 st Jan to 30 th March 2020 | National | NPTEL | External |
| FDP | Faculty Development | | 10 th to | National | PMMMN | External |

| | Program on Cyber Security conducted by FDC | | 16 th June 2019 | | MTT | |
|-----|---|------------------------|--|----------|-----------|----------|
| FDP | Machine Learning in the area of Pattern Recognition & Computer Vision | CCOE Pune | 16 th to 28 th Sept 2019 | State | AICTE | External |
| FDP | Best Practices for Outcome Based Education (OBE) | SKNCOE Pune | 19 th to 24 th Dec 2019 | State | AICTE | Internal |
| FDP | Principles of communication system I | IIT | 1 st Jan 30 th April 2019 | National | NPTEL | External |
| FDP | Data Science and R programming | СОЕР | 18th- 22nd Dec2017 | State | TEQIP III | External |
| FDP | Ethics and Moral Values | SKNCOE Pune | 5th -18th Dec2017 | National | AICTE | Internal |
| FDP | Image Processing and Pattern Recognition Applications with Hands-On | COEP | 27th Nov -1st Dec 2017 | National | AICTE | External |
| FDP | Deep Learning for Image and Text Analysis | SSNCOE Chennai | 13th-26th Nov 2017 | National | AICTE | External |
| FDP | Effective Thesis Writing and Research Methodology for researcher/PhD aspirants | S.B. Patil COE Pune | 31st Oct- 4th Nov 2017 | State | SPPU | External |
| FDP | Networking and Switching | BVU Pune | 7th Feb- 11th Feb 2017 | State | TEQIP-II | External |
| FDP | Use of ICT in Education for online and blended learning | IIT Bombay | 30 May- 10 July 2016 | National | AICTE | External |
| FDP | Select Topics in signal Processing and Machine Intelligence with Hands on (AICTE) | COEP Pune | 23 May- 3 rd June 2016 | State | AICTE | External |

Conference Details

Conference Organized

| Name | Venue | Date | Level | Category | Sponsored By |
|--------------|-----------|------------|---------------|------------------|--------------|
| ICIIIST 2020 | Thailand- | 12/05/2020 | International | Faculty/Students | Self |
| | SKNCOE | | | /Researchers | |
| ICIIIST 2021 | SKNCOE | 17/06/2021 | International | Faculty/Students | Self |
| | | | | /Researchers | |

Conference Attended

| Name | Venue | Date | Level | Category | Sponsored By |
|--------------|------------|------|---------------|------------------|--------------|
| ICINC 2019 | Pune | 2019 | International | Faculty/Students | Self |
| | | | | /Researchers | |
| ICISC 2018 | Coimbatore | 2018 | International | Faculty/Students | IEEE |
| | | | | /Researchers | |
| RTEICT 2017 | Bangalore | 2017 | International | Faculty/Students | IEEE |
| | | | | /Researchers | |
| ICACACT 2014 | Mumbai | 2014 | International | Faculty/Students | IEEE |
| | | | | /Researchers | |
| ICCSNT 2014 | Chennai | 2014 | International | Faculty/Students | IEEE |
| | | | | /Researchers | |

Research Project

| Project name | Description | Status | Budget | Project type |
|---------------------|-----------------|-----------|----------|--------------|
| Implementation of | BCUD, Co- | Completed | 2,10,000 | 2009-10 |
| OCR on FPGA | Investigator | | | |
| Structural Health | BCUD, Principal | Completed | 2,15,000 | 2013-15 |
| monitoring system | Investigator | _ | | |
| using Microblaze | | | | |

Research Paper & Journal

| ISSN/ISB N No | _ | Date | Journal/ Conference Name | | Paper Status | Authors |
|---------------------------|--|-----------|--|-------------------|-----------------|---|
| .1007/s11 276-020- | authentication | 2020, | Wireless Network. volume 26, Issue 8 pages 4999-5012 | Internatio nal | | Chilveri P.G., Nagmode M.S |
| | | publish | International Journal on Emerging Trends in Technology, IJETT | Internatio nal | | P G Chilveri and M S Nagmode |
| | Implementation of Auto – Conveyor Characterization System for Industrial Automation | pril 2020 | | nal | Published | Purushottam Chilveri,Madan Mali,Shreya Mali |
| 2233- 7857 (Online) | Conveyor – Modern System for Fruit Categorization | | International Journal of Future Generation Communication and | nal | Published | Shreya Mali, P. G. Chilveri, PriyaRai, SakshiThore , |

| ISSN/ISB N No | _ | Publish Date | Journal/ Conference Name | | Paper Status | Authors |
|------------------------------------|--|-----------------|--|---------------------------------|-----------------|---|
| | | | Networking, Vol. 13 No. 2s (2020): | | | |
| 2233- 7857 (Online) | Tracking Analysis using Al | 2021 | Journal of Future Generation Communication and Networking Vol. 14 No. 1 pg. no 4173 – 4181 | | | Dhanawade, Pramod Dhanure, Shreeprasad Sonar, Prof. P. G. Chilveri, Prof. A. B. Chandgude |
| 2233- 7857 (Online) | Implementing Optical Port Data Communication in Energy Meters using DLMS/COSEM | 2021 | | nal | Published | Soham Tembe, P.G. Chilveri, Nikhil Ekvachane, Sumeet Upasani |
| 2233- 7857 (Online) | Image Annotation Generation using Deep-Learning | 2021 | | Internatio nal | Published | Piyush Navarkar, P. G. Chilveri, Tarun Nambiar, Meghraj Nale, A. B. Chandgude |
| 2233- 7857 (Online) | Blackhole Attack in MANET - NS2 Analysis | 2020 | | nal | Published | Prasad Ghatol, P. G. Chilveri, Onkar Gharapurkar, Shubham Domale |
| 2233- 7857 (Online) 2233- | Automatic Writing Machine (AWM) for Specially Abled Person Implementation of | | Journal of Future Generation Communication and Networking Vol. 13 No. 2s (2020),07–11 | Internatio nal Internatio | | Naravane, P.G.Chilveri, Maitreyi Patil, Apurv Kulkarni |

| 3154 Network: A review Research and Technology. Volume 11, Number 2 (2018), pp. 349-371 ISSN: Contemporary Compendium of Conventions (CCC) in MANET International Journal of Engineering and Advanced Technology (IJEAT) Volume-8 Issue-6, August 2019. ISBN 978- WSN 219- Authentication 924990-6- Schemes: A survey Schemes and Schemes | ISSN/ISB | Paper Title | Publish | Journal/ | Level | Paper | Authors |
|---|-----------|----------------------|---------|---------------|------------|-------------|--------------------|
| 7857 (Online) Recognition Based Eye Vision Test Future Generation Communication and Networking Vol. 14 No. 1 (2021) ISSN A Review on (Online) Stereo Image 2278 Matching Using, Corner Detection Algorithm Algorithm Research in Computer and Communication Engineering Vol. 5, Issue 5, May 2016, pg no 681-684 ISSN Security Issues in Peterogeneous Journal of Engineering Research and Technology. Volume 11, Number 2 (2018), pp. 3349-371 ISSN: Contemporary Compendium of Research and Technology. Volume 11, Number 2 (2018), pp. 3349-371 ISSN: Contemporary Compendium of Conventions (CCC) in MANET SISSN Security Issues in Peterogeneous Journal of Engineering Research and Technology. Volume 11, Number 2 (2018), pp. 3349-371 ISSN: Contemporary Compendium of Conventions (CCC) in MANET SISSN: Contemporary Compendium of Conventium of Conventium of Conventions (CCC) Internation of Conventions (CCC) International Conference on International Internation I | N No | | Date | | | Status | |
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| Eye Vision Test Generation Communication and Networking Vol. 14 No. 1 (2021) ISSN A Review on (Online) Stereo Image Advanced Research in Computer and Communication Engineering Vol. 5, Issue 5, May 2016, pg no 681-684 ISSN Security Issues in 2018 International Communication Engineering Vol. 5, Issue 5, May 2016, pg no 681-684 ISSN Security Issues in 2018 International Internation Inte | | _ | | ľ | nal | | |
| Communication and Networking Vol. 14 No. 1 (2021) International Stereo Image 2278- Matching Using. Corner Detection Algorithm Computer and Communication Engineering Vol. 5, Issue 5, May 2016, pg no 681-684 International Journal of Engineering Research and Technology. Volume 11, Number 2 (2018), pp. 349-371 International Journal of Engineering and Advanced Technology (IJEAT) Volume-8 Issue-6, August 2019. Issne Schemes: A survey Issne-6, August 2019. International Journal of Engineering and Advanced Technology (IJEAT) Volume-8 Issue-6, August 2019. International Journal of Engineering and Advanced Technology (IJEAT) Volume-8 Issue-6, August 2019. International Journal of Engineers 2 Volume 42, Nov 2018, pp. 164-169. International Conference on Inventive Systems and Internatio Published P. G. Chilveri and International Conference on Inventive Systems and Internatio Published P. G. Chilveri and International Internation Published P. G. Chilveri and Internation Published P. G. Chilveri and International Conference on Inventive Systems and Internatio Published P. G. Chilveri and International Conference on Inventive Systems and Internatio Published P. G. Chilveri and International Conference on Inventive Systems and Internation Published P. G. Chilveri and International Conference on Inventive Systems and International Conference on Inventive Systems and International Conference on Inventive Systems and International Conference on Inventive Systems and International Conference on Inventive Systems and International Conference on Inventive Systems and International Conference on Inventive Systems and International Conference on Inventive Systems and International Conference on Inventive Systems and International Conference on Inventive Systems and International Conference on Inventive Systems and International Conference on Inventive Systems and International Conference on Inventive Systems and International Conference on Inventive Systems Internationa | , | | | | | | 0 . |
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| Networking Vol. 14 No. 1 (2021) | | | | | | | Chilveri, |
| ISSN A Review on (Online) Stereo Image 2278- Matching Using, Corner Detection Algorithm Security Issues in 0974- Heterogeneous 3154 Network: A review ISSN: Contemporary 2249 - Compendium of 2249 - Compendium of in MANET ISSN: Conventions (CCC) in MANET ISSN: Conventions (CCC) in MANET Security Issues in 2018 International Journal of Engineering Research and Technology, Volume 11, Number 2 (2018), pp. 349-371 ISSN: Conventions (CCC) in MANET ISSN: Contemporary (2018) Internation and MS S Nagmode (1018) Mass (10 | | | | | | | |
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| Corner Detection Algorithm Computer and Communication Engineering Vol. 5, Issue 5, May 2016, pg no 681-684 ISSN Security Issues in Heterogeneous 3154 Network: A review Seewarch and Technology. Volume 11, Number 2 (2018), pp. 349-371 ISSN: Contemporary Compendium of Conventions (CCC) in MANET Conventions (CCC) in MANET Conventions (CCC) in MANET Signification Schemes: A survey Signification of Engineering and Advanced Technology (IJEAT) Volume-8 Issue-6, August 2019. ISBN 978- WSN Authentication 924990-6- Schemes: A survey Signification of Engineers. 2 Volume 42, Nov 2018, pp. 169. ISBN:978- Proportional 1-5386- 0807-4 control schemes. Conference on Inventive Systems and | ` | | | r | nal | | |
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| Communication Engineering Vol. 5, Issue 5, May 2016, pg no 681-684 ISSN Security Issues in 1974- Heterogeneous 3154 Network: A review Research and Technology. Volume 11, Number 2 (2018), pp. 349-371 ISSN: Contemporary 2019 International Journal of Engineering and Advanced Technology (IJEAT) Volume-8 Issue-6, August 2019. ISBN 978- WSN Authentication 924990-6- Schemes: A survey Substitution of Engineers. 2 Volume 42, Nov 2018, pp. 169. ISBN:978- Proportional 1-5386- 0807-4 control schemes. Proportional Conference on Inventive Systems and Internatio Published P. G. Chilveri and Pu | | | | | | | |
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| ISSN Security Issues in O974- Heterogeneous 3154 Network: A review Engineering Research and Technology. Volume 11, Number 2 (2018), pp. 349-371 ISSN: Contemporary Compendium of R958, In MANET Engineering and Advanced Technology (IJEAT) Volume-8 Issue-6, August 2019. ISBN 978- WSN Authentication 924990-6- Schemes: A survey Systems and Schemes. Schemes: A survey Systems and Schemes Schemes: A survey Schemes Systems and Schemes Schem | | | | 0 | | | |
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| ISSN: Contemporary Compendium of Conventions (CCC) in MANET ISBN 978- WSN Authentication 924990-6- Schemes: A survey ISBN:978- Proportional 1-5386- 0807-4 ISBN:978- Contemporary Compendium of Conventions (CCC) in MANET ISBN:978- Proportional appraisal of access control schemes. ISBN:978- Contemporary Compendium of Engineering and Advanced Technology (IJEAT) Volume-8 Issue-6, August 2019. ISBN:978- Proportional appraisal of access control schemes. ISBN:978- Contemporary Compendium of Engineering and Advanced Technology (IJEAT) Volume-8 Issue-6, August 2019. ISBN:978- Internation Published P G Chilveri and Internation of Engineers. 2 Volume 42, Nov 2018,pp.164-169. ISBN:978- Proportional appraisal of access control schemes. ISBN:978- Proportional appraisal of access control schemes. | | | | | | | |
| ISSN: Contemporary Compendium of Conventions (CCC) in MANET ISBN 978- WSN Authentication 924990-6- Schemes: A survey ISBN: 978- Proportional 1-5386- 0807-4 ISSN: Contemporary Compendium of Conventions (CCC) in MANET ISSN: Contemporary Compendium of Compendium of Conventions (CCC) in MANET ISSN: Contemporary Compendium of Conventions (CCC) in MANET ISSN: District of Engineering and Advanced Technology (IJEAT) Volume-8 Issue-6, August 2019. ISSN: Proportional appraisal of access control schemes. ISSN: Proportional Conference on Inventive Systems and International Internatio Published P. G. Chilveri and International Conference on Inventive Systems and International Internation Published P. G. Chilveri and International Interna | | | | | | | |
| 2249 - Compendium of Conventions (CCC) in MANET ISBN 978- WSN | ICCN | 0 . | 2040 | | T | D 11: 1 1 | D C Cl :1 |
| 8958, Conventions (CCC) in MANET Engineering and Advanced Technology (IJEAT) Volume-8 Issue-6, August 2019. ISBN 978- 81- 924990-6- Schemes: A survey Schemes: A survey ISBN:978- Proportional 1-5386- 0807-4 One of the institution of Engineers. 2 Volume 42, Nov 2018,pp.164- 169. INTERNATION Published Himali Bharambe Internatio Published P. G. Chilveri and International International Conference on Inventive Systems and | | 1 | 2019 | | | Published | |
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| Technology (IJEAT) Volume-8 Issue-6, August 2019. ISBN 978- 81- 924990-6- Schemes: A survey ISBN:978- Proportional 1-5386- 0807-4 ISBN:978- Rechnology (IJEAT) Volume-8 Issue-6, August 2019. Technical journal of the Institution of Engineers. 2 Volume 42, Nov 2018,pp.164- 169. 2018 2nd Internatio Published P. G. Chilveri an Himali Bharambe Internatio Published P. G. Chilveri an Himali Bharambe Conference on Inventive Systems and | 1 | , , | | 0 | | | |
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Declaration

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

Date: 03 March 2022 Name: **Dr. Purushottam G. Chilveri**