



AR2104527

**Savitribai Phule Pune University**  
**Annual Report Information 2020-2021**  
**Planning and Development**

**College Details**

|           |                                                 |   |                                                                                                                                                                           |           |                                                                                       |   |                                                                                                 |
|-----------|-------------------------------------------------|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|---------------------------------------------------------------------------------------|---|-------------------------------------------------------------------------------------------------|
| <b>1.</b> | <b>Name Of the Department/College/Institute</b> | : | Sinhgad Technical Education Society Sinhgad Academy of Engineering Kondhava Pune<br>Addr: Kondhava Saswad Road Kondhava Bu Pune 48 Ta: Pune (corporation Area) Dist: Pune | <b>2.</b> | <b>Address Of the Department/College/Institute</b>                                    | : | Kondhava Saswad Road Kondhava Bu Pune 48 Ta: Pune (corporation Area) Dist: Pune Pincode: 411048 |
| <b>3.</b> | <b>Name Of the Head/Principal/Director</b>      | : | Kishor Puna Patil                                                                                                                                                         | <b>4.</b> | <b>Tele (O/R) With STD Code/Mobile No., Fax No, Email Address and Website Address</b> | : | <b>Tele.-</b> 020-26934550 <b>Email-</b> saeprincipal@sinhgad.edu <b>URL-</b> www.sinhgad.edu   |

**5. Reference Books/Monographs Published by Teacher (2020-2021) :**

| Sr. No. | Name of the Teacher(s)/Author | Title of the Reference Books/Monographs                                                                                                                        | Name and Place of Publisher(s)          | Date of Publication | Isbn/Issn No.                                     |
|---------|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|---------------------|---------------------------------------------------|
| 1       | Godse Sachin Pandurang        | Object Oriented Software and Web Engineering                                                                                                                   | Nirali Prakashan                        | 2020                | 9787387744327 /                                   |
| 2       | Dewalkar Snehal Viththal      | "An Innovative Approach for Wastewater Management using Staged Onsite Wastewater Treatment System Positioned on Environmental Floors of Multi-Storey Building" | BP International                        | 2021                | ISBN 978-93-91215-08-8) / ISBN 978-93-91215-08-8) |
| 3       | Bharate Vishal Devidas        | Emotion Recognition using Gamma Correction Technique Applied to HOG and LBP Features                                                                           | Lecture Notes in Electrical Engineering | 2021                | 978-981-15-8391-9 / NA                            |

**6. No. of Conference, Symposia, Seminars, Workshops etc. Organized (2020-2021)**

| Sr. No. | No. of State Level | No. of National Level | No. of International Level |
|---------|--------------------|-----------------------|----------------------------|
| 1       | 13                 | 5                     | 2                          |



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| 7. Research Publications in National and International Journals/Edited Books/Proceedings (2020-2021) |                                 |                                                                                                                                                     |                                                                |                |                     |                                     |
|------------------------------------------------------------------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|----------------|---------------------|-------------------------------------|
| Sr. No.                                                                                              | Name of the Teacher's/Author    | Title of the Paper                                                                                                                                  | Name of the Journal/Proceeding/Edited Book                     | Volume & Pages | Year of Publication | ISBN/ISSN No.                       |
| 1                                                                                                    | Sharma Nakul Satpaul            | A Hybrid Weighted Probabilistic Based Source Code Graph Clustering Algorithm For Class Diagram And Sequence Diagram Visualization                   | International Journal of Scientific & Technology Research      | 9 & 5          | 2020                | 2277-8616 / 2277-8616               |
| 2                                                                                                    | Dewalkar Snehal Viththal        | Provision of staged on-site wastewater treatment units at environmental floors of multi-storeyed building with hydraulic and structural feasibility | International Journal of Recent Technology and Engineering     | 8 & 7          | 2020                | ISSN: 2277-3878, / ISSN: 2277-3878, |
| 3                                                                                                    | Dewalkar Snehal Viththal        | "Environmental Impact Assessment of Wastewater Treatment System: State of Art"                                                                      | International Journal of Advance and Innovative Research       | 4 & 8          | 2021                | ISSN 2394 - 7780 / ISSN 2394 - 7780 |
| 4                                                                                                    | Dewalkar Snehal Viththal        | Environmental and economic assessment of proposed on-site wastewater management system in multi-storey residential building                         | Water science and technology                                   | 8 & 15         | 2020                | ISSN 0273-1223 / EISSN 1996-9732.   |
| 5                                                                                                    | Sardeshmukh Vaishali Mhalsakant | Energy Efficient Computation Offloading for Mobile Cloud Computation: A survey                                                                      | TEST Engineering and Management                                | 83 & 25267     | 2020                | 0193-4120 / 0193-4120               |
| 6                                                                                                    | Sardeshmukh Vaishali Mhalsakant | INTER PERSON ACTIVITY RECOGNITION USING RGB-D DATA                                                                                                  | Journal of Engineering Science and Technolog                   | 15 & 3601      | 2020                | Maharashtra / 1823-4690             |
| 7                                                                                                    | Varade Apurva Nilkanth          | A Survey on Partial Face Recognition using Novel Approach                                                                                           | International Journal for Research & Development in Technology | 13 & 3         | 2020                | 2349-3585 / 2349-3585               |
| 8                                                                                                    | Rade Prashant Sudhiranjan       | Autonomous vehicles: The future of transportation                                                                                                   | STM Journals                                                   | 7 & 6          | 2020                | - / 2454-6372                       |



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|    |                         |                                                                                                 |                                                                              |               |      |                                                                                     |
|----|-------------------------|-------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|---------------|------|-------------------------------------------------------------------------------------|
| 9  | Thakre Kalpana Sunil    | Identifying Social Network Delusion to Investigate Addiction Ratio using Data Mining            | ACM Digital Librarary                                                        | 1 & 8         | 2020 | Maharashtra / 978-1-4503-7685-3                                                     |
| 10 | Kakkeri Roopa Basawaraj | Restaurant Waiter Robot                                                                         | SAMRIDDHI : A Journal of Physical Sciences, Engineering and Technology       | Volume 12 & 4 | 2020 | Print ISSN: 2229-7111 / Online ISSN: 2454-5767                                      |
| 11 | Kakkeri Roopa Basawaraj | ROLE OF SURFACE ELECTROMYOGRAPHY IN DETECTION OF TEMPOROMANDIBULAR JOINT DISORDERS: AN OVERVIEW | IRAJInternational Journal of Advances in Science Engineering and Technology, | Volume-8, & 6 | 2020 | ISSN(p): 2321 –8991, ISSN(e): 2321 –9009 / ISSN(p): 2321 –8991, ISSN(e): 2321 –9009 |
| 12 | Bangare Sunil Limchand  | Use for Graphical User Tools in Data Analytics and Machine Learning Application                 | Turkish Journal of Physiotherapy and Rehabilitation                          | 32 & 6        | 2021 | 2651-446X / 2651-4451                                                               |
| 13 | Bangare Sunil Limchand  | A review paper on wireless sensor network techniques in Internet of Things (IoT)                | Materials Today: Proceedings                                                 | 19 & 5        | 2021 | 2214-7853 / 2214-7853                                                               |
| 14 | Bangare Sunil Limchand  | FILE SHARING APPLICATION USING LIFI                                                             | Mukt Shabd Journal UGC CARE LIST GROUP - I JOURNAL                           | 9 & 8         | 2020 | 2347-3150 / 2347-3150                                                               |
| 15 | Bangare Sunil Limchand  | Intelligent Video Surveillance System Based On Machine Learning                                 | Journal of Engineering Sciences                                              | 11 & 6        | 2020 | 0377-9254 / 0377-9254                                                               |
| 16 | Bangare Sunil Limchand  | Cost Effective Video Surveillance System Based on Machine Learning                              | Alochana Chakra Journal UGC Care List Group - I Journal                      | 9 & 5         | 2020 | 2231-3990 / 2231-3990                                                               |
| 17 | Godse Sachin Pandurang  | Intelligent Authentication and Message Forwarding in VANET                                      | International Journal of Smart Vehicles and Smart Transportation             | 3 & 20        | 2020 | 9781522568681 / 2642-1631                                                           |
| 18 | Thakre Kalpana Sunil    | E learning on Cloud using Advanced Encryption Standards                                         | ICPC 2020                                                                    | 8             | 2020 | NA / NA                                                                             |
| 19 | Thakre Kalpana Sunil    | E learning on Cloud using Advanced Encryption Standards                                         | ICPC 2020                                                                    | 8             | 2020 | NA / NA                                                                             |



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|    |                        |                                                                             |                                                                              |   |      |         |
|----|------------------------|-----------------------------------------------------------------------------|------------------------------------------------------------------------------|---|------|---------|
| 20 | Bangare Sunil Limchand | Lung Cancer Detection using Image Processing and Machine Learning: A Review | e-National Conference on Novel Ideas in Multidisciplinary Techno-Innovations | 5 | 2021 | NA / NA |
|----|------------------------|-----------------------------------------------------------------------------|------------------------------------------------------------------------------|---|------|---------|

**8. Research Projects/Schemes Undertaken by Teachers (2020-2021)**

| Sr. No. | Name of the Investigator(s) | Faculty     | Title of the Research Project/Scheme              | Name of the Funding Agency            | Duration of the Project/Scheme | Amount Sanctioned (Rs.) | Major/Minor |
|---------|-----------------------------|-------------|---------------------------------------------------|---------------------------------------|--------------------------------|-------------------------|-------------|
| 1       | Dr D K Kamat                | Engineering | Design and Development of Secure Crypto-processor | BCUD Savitribai Phule Pune University | 01/08/2009-01/07/2011          | 200000                  | Major       |

**9. Teachers Attended Conferences, Seminars, Symposia, Workshops etc. (2020-2021)**

| Sr. No. | No. of Teachers Attended State Level | No. of Teachers Attended National Level | No. of Teachers Attended International Level |
|---------|--------------------------------------|-----------------------------------------|----------------------------------------------|
| 1       | 0                                    | 10                                      | 0                                            |

**10. No. of Collaboration with International Institute/Colleges/University Department during the Year (2020-2021)**

| Sr. No. | MoU | Exchange Program | Exchange of Teachers | Franchise |
|---------|-----|------------------|----------------------|-----------|
| 1       | 2   | 0                | 0                    | 0         |

**11. Grants Sanction for Funding Agency (2020-2021)**

| Sr. No. | UGC | DST/DBT/B.Voc. | CE/CPE | S.P. Pune University | Any Other |
|---------|-----|----------------|--------|----------------------|-----------|
| 1       | 1   | 0              | 0      | 2                    | 0         |



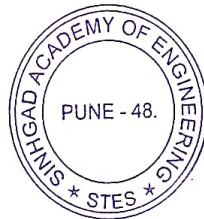
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| 12. Faculty Wise Enrollment Of Students (2020-2021) |        |      |    |    |       |    |       |       |       |     |     |                       |       |
|-----------------------------------------------------|--------|------|----|----|-------|----|-------|-------|-------|-----|-----|-----------------------|-------|
| Faculty                                             | Sex    | Open | Sc | ST | DT(A) | NT | NT(B) | NT(C) | NT(D) | OBC | SBC | Physically Challenged | Total |
| Engineering                                         | FEMALE | 47   | 8  | 0  | 0     | 0  | 0     | 2     | 1     | 25  | 2   | 0                     | 85    |
|                                                     | MALE   | 117  | 24 | 0  | 8     | 0  | 6     | 9     | 5     | 65  | 4   | 0                     | 238   |
|                                                     | TOTAL  | 164  | 32 | 0  | 8     | 0  | 6     | 11    | 6     | 90  | 6   | 0                     | 323   |

| 13. Statistical Information about Teacher for Academic Year (2020-2021) |          |         |        |       |             |        |       |                        |  |
|-------------------------------------------------------------------------|----------|---------|--------|-------|-------------|--------|-------|------------------------|--|
| Sr.No.                                                                  | Category | Granted |        |       | Non Granted |        |       | Total                  |  |
|                                                                         |          | Male    | Female | Total | Male        | Female | Total |                        |  |
| 1                                                                       | NT(C)    | 2       | 0      | 2     | 2           | 0      | 2     |                        |  |
| 2                                                                       | NT(D)    | 0       | 1      | 1     | 2           | 0      | 2     |                        |  |
| 3                                                                       | OBC      | 6       | 1      | 7     | 4           | 5      | 9     |                        |  |
| 4                                                                       | OPEN     | 6       | 8      | 14    | 12          | 8      | 20    |                        |  |
| 5                                                                       | SBC      | 1       | 0      | 1     | 1           | 0      | 1     |                        |  |
| 6                                                                       | SC       | 1       | 1      | 2     | 4           | 2      | 6     |                        |  |
| Date :                                                                  | Total    | 16      | 11     | 27    | 25          | 15     | 40    | Signature              |  |
| Place :                                                                 |          |         |        |       |             |        |       | HOD/Principal/Director |  |



PRINCIPAL  
SINHGAD ACADEMY OF ENGINEERING  
S. No. 40, Kondhwa - Saswad Road,  
Kondhwa (Bk), Pune - 411048

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