

**Faculty Research Publication (2016-17 To 2020-21):**

| Academic Year | Research Papers Published in Journal |       | Research Papers Published in Conferences |       | Total | Papers listed in Scopus | Papers listed in Web of Science | Papers listed in Google Scholar |
|---------------|--------------------------------------|-------|------------------------------------------|-------|-------|-------------------------|---------------------------------|---------------------------------|
|               | Int. J.                              | N. J. | Int. C.                                  | N. C. |       |                         |                                 |                                 |
| 2020-21       | 18                                   | --    | 1                                        | --    | 19    | --                      | 2                               | 14                              |
| 2019-20       | 43                                   | --    | --                                       | --    | 43    | 09                      | 04                              | 42                              |
| 2018-19       | 17                                   | --    | 05                                       | --    | 18    | 11                      | 09                              | 13                              |
| 2017-18       | 45                                   | --    | 02                                       | --    | 47    | 02                      | 01                              | 43                              |
| 2016-17       | 23                                   | --    | --                                       | --    | 23    | 01                      | --                              | 09                              |
| <b>Total:</b> | 146                                  | --    | 08                                       | --    | 150   | 23                      | 16                              | 121                             |

**ACADEMIC YEAR 2017-18**
**INTERNATIONAL JOURNAL**

| <b>Sr . N o.</b> | <b>Author</b>     | <b>Complete Title of the Article</b>                                   | <b>Title of the Journal</b>                                                | <b>Volume &amp; Issue Number</b> | <b>Page Nos.</b> | <b>Month and Year of Publication</b> | <b>ISSN</b>                                     | <b>Impact Factor</b> | <b>Listed In Scopus</b> | <b>Listed In Web of Science</b> | <b>Listed In Google Scholar</b> |
|------------------|-------------------|------------------------------------------------------------------------|----------------------------------------------------------------------------|----------------------------------|------------------|--------------------------------------|-------------------------------------------------|----------------------|-------------------------|---------------------------------|---------------------------------|
| 1.               | Dr.Prof.ShrutiOza | Low Power Differential CMOS Schmitt Trigger with Adjustable Hysteresis | Therotical&Applied Electrical Engg.                                        | Vol.15, Issue 5                  | 815-823          | Dec-17                               | ISSN<br>1336-1376                               |                      | Y                       | N                               | N                               |
| 2.               | Prof. Chetan More | Voice Controlled Home Automation and Vehicle Motion                    | International Journal for Scientific Research & Development                | Vol 5 Issue 10                   | 846-849          | Jan-17                               | ISSN<br>2321-0613                               |                      | N                       | N                               | N                               |
| 3.               | Namita Shinde     | PAPER ON ANDROID CONTROLLED ARDUINO BASED ROBOT CAR                    | International Journal of Industrial Electronics andElectrical E5ngineering | Volume-6, Issue-3                | PAR T 2 1-3      | Mar.-2018                            | ISSN(p):<br>2347-6982,<br>ISSN(e):<br>2349-204X | 3.2                  | N                       | N                               | Y                               |
| 4.               | Aarti Sawant      | USAGE BASED INSURANCE                                                  | International Journal of Industrial Electronics and Electrical Engineering | Volume-6, Issue-3                | PAR T 2 4-7      | Mar.-2018                            | ISSN(p):<br>2347-6982,<br>ISSN(e):<br>2349-204X | 3.2                  | N                       | N                               | Y                               |

|    |                |                                                         |                                                                            |                   |               |           |                                        |     |   |   |   |
|----|----------------|---------------------------------------------------------|----------------------------------------------------------------------------|-------------------|---------------|-----------|----------------------------------------|-----|---|---|---|
| 5. | Pooja Deshmukh | Sign to Speech Language using Three Flux Sensors        | International Journal of Industrial Electronics and Electrical Engineering | Volume-6, Issue-3 | PAR T 2 8-10  | Mar. 2018 | ISSN(p): 2347-6982, ISSN(e): 2349-204X | 3.2 | N | N | Y |
| 6. | V.H.Patil      | Ardoit Communication for power distribution: Smart Grid | International Journal of Industrial Electronics and Electrical Engineering | Volume-6, Issue-3 | PAR T 2 11-13 | Mar. 2018 | ISSN(p): 2347-6982, ISSN(e): 2349-204X | 3.2 | N | N | Y |
| 7. | A.B.Patil      | Smart Parking Management System                         | International Journal of Industrial Electronics and Electrical Engineering | Volume-6, Issue-3 | PAR T 2 14-17 | Mar. 2018 | ISSN(p): 2347-6982, ISSN(e): 2349-204X | 3.2 | N | N | Y |
| 8. | A.Y. Prabhakar | Face Detection and Mood Recognition Music Player        | International Journal of Industrial Electronics and Electrical Engineering | Volume-6, Issue-3 | PAR T 2 18-20 | Mar. 2018 | ISSN(p): 2347-6982, ISSN(e): 2349-204X | 3.2 | N | N | Y |

|     |                |                                                                        |                                                                            |                   |               |           |                                        |     |   |   |   |
|-----|----------------|------------------------------------------------------------------------|----------------------------------------------------------------------------|-------------------|---------------|-----------|----------------------------------------|-----|---|---|---|
| 9.  | S.A.Kadam      | Optimization of FIR Filters using Genetic Algorithm Technique          | International Journal of Industrial Electronics and Electrical Engineering | Volume-6, Issue-3 | PAR T 2 21-24 | Mar. 2018 | ISSN(p): 2347-6982, ISSN(e): 2349-204X | 3.2 | N | N | Y |
| 10. | Prasad Kadam   | Smart Waste Management System                                          | International Journal of Industrial Electronics and Electrical Engineering | Volume-6, Issue-3 | PAR T 2 29-31 | Mar. 2018 | ISSN(p): 2347-6982, ISSN(e): 2349-204X | 3.2 | N | N | Y |
| 11. | S.A.Kadam      | Optimization of FIR Filter using Particle Swarm Optimization Technique | International Journal of Industrial Electronics and Electrical Engineering | Volume-6, Issue-3 | PAR T 2 25-28 | Mar. 2018 | ISSN(p): 2347-6982, ISSN(e): 2349-204X | 3.2 | N | N | Y |
| 12. | Pooja Deshmukh | 4 Channel Demultiplexer based on Photonic Crystal                      | International Journal of Industrial Electronics and Electrical Engineering | Volume-6, Issue-3 | PAR T 2 32-34 | Mar. 2018 | ISSN(p): 2347-6982, ISSN(e): 2349-204X | 3.2 | N | N | Y |

|         |                |                                                                                            |                                                                            |                   |                  |           |                                                 |     |   |   |   |
|---------|----------------|--------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|-------------------|------------------|-----------|-------------------------------------------------|-----|---|---|---|
| 13<br>. | S.A.Kadam      | Designing of IIR Filter by Differential Evolution Method                                   | International Journal of Industrial Electronics and Electrical Engineering | Volume-6, Issue-3 | PAR T 2<br>40-42 | Mar. 2018 | ISSN(p):<br>2347-6982,<br>ISSN(e):<br>2349-204X | 3.2 | N | N | Y |
| 14<br>. | Vinod H. Patil | Cognitive Radio Networks: Spectrum Management                                              | International Journal of Industrial Electronics and Electrical Engineering | Volume-6, Issue-3 | PAR T 2<br>43-46 | Mar. 2018 | ISSN(p):<br>2347-6982,<br>ISSN(e):<br>2349-204X | 3.2 | N | N | Y |
| 15<br>. | R.B. Ghongade  | Smart Medicine Box                                                                         | International Journal of Industrial Electronics and Electrical Engineering | Volume-6, Issue-3 | PAR T 2<br>47-50 | Mar. 2018 | ISSN(p):<br>2347-6982,<br>ISSN(e):<br>2349-204X | 3.2 | N | N | Y |
| 16<br>. | Mane Snehal. C | Green-House Controlling using IOT based System<br>Controlling Green-House using IOT System | International Journal of Industrial Electronics and Electrical Engineering | Volume-6, Issue-3 | PAR T 2<br>51-53 | Mar. 2018 | ISSN(p):<br>2347-6982,<br>ISSN(e):<br>2349-204X | 3.2 | N | N | Y |

|         |                    |                                                                     |                                                                            |                   |               |           |                                        |     |   |   |   |
|---------|--------------------|---------------------------------------------------------------------|----------------------------------------------------------------------------|-------------------|---------------|-----------|----------------------------------------|-----|---|---|---|
| 17<br>. | Sudhir Bussa       | Voice Assisted Home Automation                                      | International Journal of Industrial Electronics and Electrical Engineering | Volume-6, Issue-3 | PAR T 2 54-55 | Mar. 2018 | ISSN(p): 2347-6982, ISSN(e): 2349-204X | 3.2 | N | N | Y |
| 18<br>. | Deepak Ray         | AdHoc Mobile Wireless Network Enhancement using CISCO Packet Tracer | International Journal of Industrial Electronics and Electrical Engineering | Volume-6, Issue-3 | PAR T 2 56-58 | Mar. 2018 | ISSN(p): 2347-6982, ISSN(e): 2349-204X | 3.2 | N | N | Y |
| 19<br>. | Swapnil S. Thorat, | Wireless Moisture Sensor using Microstrip Patch Antenna             | International Journal of Industrial Electronics and Electrical Engineering | Volume-6, Issue-3 | PAR T 2 59-62 | Mar. 2018 | ISSN(p): 2347-6982, ISSN(e): 2349-204X | 3.2 | N | N | Y |
| 20<br>. | Sonali Dash        | Optical Communication using Fibre Bragg                             | International Journal of Industrial Electronics and Electrical Engineering | Volume-6, Issue-3 | PAR T 2 63-64 | Mar. 2018 | ISSN(p): 2347-6982, ISSN(e): 2349-204X | 3.2 | N | N | Y |

|         |                |                                                     |                                                                            |                   |               |           |                                        |     |   |   |   |
|---------|----------------|-----------------------------------------------------|----------------------------------------------------------------------------|-------------------|---------------|-----------|----------------------------------------|-----|---|---|---|
| 21<br>. | Sonali P. Dash | Propeller LED Display                               | International Journal of Industrial Electronics and Electrical Engineering | Volume-6, Issue-3 | PAR T 2 65-67 | Mar. 2018 | ISSN(p): 2347-6982, ISSN(e): 2349-204X | 3.2 | N | N | Y |
| 22<br>. | Chetan S. More | Mugging Supervision through Object Revelation       | International Journal of Industrial Electronics and Electrical Engineering | Volume-6, Issue-3 | PAR T 2 68-71 | Mar. 2018 | ISSN(p): 2347-6982, ISSN(e): 2349-204X | 3.2 | N | N | Y |
| 23<br>. | Namita Shinde  | Alcohol Detection and Vehicle Engine Locking System | International Journal of Industrial Electronics and Electrical Engineering | Volume-6, Issue-3 | PAR T 3 1-4   | Mar. 2018 | ISSN(p): 2347-6982, ISSN(e): 2349-204X | 3.2 | N | N | Y |
| 24<br>. | P.D.Kadam      | Real Time School Kids Tracking System               | International Journal of Industrial Electronics and Electrical Engineering | Volume-6, Issue-3 | PAR T 3 5-8   | Mar. 2018 | ISSN(p): 2347-6982, ISSN(e): 2349-204X | 3.2 | N | N | Y |

|         |                |                                                                                    |                                                                            |                   |               |           |                                        |     |   |   |   |
|---------|----------------|------------------------------------------------------------------------------------|----------------------------------------------------------------------------|-------------------|---------------|-----------|----------------------------------------|-----|---|---|---|
| 25<br>. | Sonali Dash    | Realization of all Logic Gates with NAND Gate using OptiSpice                      | International Journal of Industrial Electronics and Electrical Engineering | Volume-6, Issue-3 | PAR T 3 9-13  | Mar. 2018 | ISSN(p): 2347-6982, ISSN(e): 2349-204X | 3.2 | N | N | Y |
| 26<br>. | Chetan More    | Voice Controlled Home Automation and Vehicle Motion                                | International Journal of Industrial Electronics and Electrical Engineering | Volume-6, Issue-3 | PAR T 3 14-18 | Mar. 2018 | ISSN(p): 2347-6982, ISSN(e): 2349-204X | 3.2 | N | N | Y |
| 27<br>. | A.Y. Prabhakar | Android App based Tracking System                                                  | International Journal of Industrial Electronics and Electrical Engineering | Volume-6, Issue-3 | PAR T 3 19-21 | Mar. 2018 | ISSN(p): 2347-6982, ISSN(e): 2349-204X | 3.2 | N | N | Y |
| 28<br>. | A.Y. Prabhakar | Smart Channel Selection in Cognitive Radio Networks using Labview: An Introduction | International Journal of Industrial Electronics and Electrical Engineering | Volume-6, Issue-3 | PAR T 3 22-28 | Mar. 2018 | ISSN(p): 2347-6982, ISSN(e): 2349-204X | 3.2 | N | N | Y |

|         |                  |                                                                         |                                                                            |                   |               |           |                                        |     |   |   |   |
|---------|------------------|-------------------------------------------------------------------------|----------------------------------------------------------------------------|-------------------|---------------|-----------|----------------------------------------|-----|---|---|---|
| 29<br>. | Sudhir Bussa     | Smart Help                                                              | International Journal of Industrial Electronics and Electrical Engineering | Volume-6, Issue-3 | PAR T 3 29-32 | Mar. 2018 | ISSN(p): 2347-6982, ISSN(e): 2349-204X | 3.2 | N | N | Y |
| 30<br>. | Chetan S More    | Client Server Synergy using VPN                                         | International Journal of Industrial Electronics and Electrical Engineering | Volume-6, Issue-3 | PAR T 3 33-38 | Mar. 2018 | ISSN(p): 2347-6982, ISSN(e): 2349-204X | 3.2 | N | N | Y |
| 31<br>. | Deepak Kumar Ray | Automatic Number Plate Detection System                                 | International Journal of Industrial Electronics and Electrical Engineering | Volume-6, Issue-3 | PAR T 3 39-41 | Mar. 2018 | ISSN(p): 2347-6982, ISSN(e): 2349-204X | 3.2 | N | N | Y |
| 32<br>. | Shruti Oza       | Application of Video Watermarking Technique to Enhance Content Security | International Journal of Industrial Electronics and Electrical Engineering | Volume-6, Issue-3 | PAR T 3 42-46 | Mar. 2018 | ISSN(p): 2347-6982, ISSN(e): 2349-204X | 3.2 | N | N | Y |

|    |                                                                                                                                                                                                                                                                                         |                                                               |                                                                            |                   |               |           |                                        |     |   |   |   |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|----------------------------------------------------------------------------|-------------------|---------------|-----------|----------------------------------------|-----|---|---|---|
| 33 | V.H Patil                                                                                                                                                                                                                                                                               | Cost Estimation in Spectrum Sharing using Cognitive Radio N/W | International Journal of Industrial Electronics and Electrical Engineering | Volume-6, Issue-3 | PAR T 3 47-50 | Mar. 2018 | ISSN(p): 2347-6982, ISSN(e): 2349-204X | 3.2 | N | N | Y |
| 34 | Swapnil Thorat                                                                                                                                                                                                                                                                          | Robotic Arm using Haptic Technology based on Bluetooth Module | International Journal of Industrial Electronics and Electrical Engineering | Volume-6, Issue-3 | PAR T 3 51-53 | Mar. 2018 | ISSN(p): 2347-6982, ISSN(e): 2349-204X | 3.2 | N | N | Y |
| 35 | <a href="http://ijieeee.org.in/paper_detail.php?paper_id=11587&amp;name=Damage_Detection_in_Buildings_using_Digital_Image_Processing">http://ijieeee.org.in/paper_detail.php?paper_id=11587&amp;name=Damage_Detection_in_Buildings_using_Digital_Image_Processing</a> Na<br>mita Shinde | Damage Detection in Buildings using Digital Image Processing  | International Journal of Industrial Electronics and Electrical Engineering | Volume-6, Issue-3 | PAR T 3 54-58 | Mar. 2018 | ISSN(p): 2347-6982, ISSN(e): 2349-204X | 3.2 | N | N | Y |

|         |                |                                                                             |                                                                            |                   |               |           |                                        |     |   |   |   |
|---------|----------------|-----------------------------------------------------------------------------|----------------------------------------------------------------------------|-------------------|---------------|-----------|----------------------------------------|-----|---|---|---|
| 36<br>. | Sudhir Bussa   | Implementation of Fast Multiplier                                           | International Journal of Industrial Electronics and Electrical Engineering | Volume-6, Issue-3 | PAR T 3 59-61 | Mar. 2018 | ISSN(p): 2347-6982, ISSN(e): 2349-204X | 3.2 | N | N | Y |
| 37<br>. | Vinod.H. Patil | Smart Irrigation System using LABVIEW and IOT                               | International Journal of Industrial Electronics and Electrical Engineering | Volume-6, Issue-3 | PAR T 3 62-64 | Mar. 2018 | ISSN(p): 2347-6982, ISSN(e): 2349-204X | 3.2 | N | N | Y |
| 38<br>. | Deepak Ray     | Vehicle Detection by Image Processing using MATLAB: A Colour based Approach | International Journal of Industrial Electronics and Electrical Engineering | Volume-6, Issue-3 | PAR T 3 65-67 | Mar. 2018 | ISSN(p): 2347-6982, ISSN(e): 2349-204X | 3.2 | N | N | Y |
| 39<br>. | Prasad D Kadam | Automatic Floor Cleaner with Obstacle Avoidance: An Arduino based project   | International Journal of Industrial Electronics and Electrical Engineering | Volume            | PAR T 3 68-70 | Mar. 2018 | ISSN(p): 2347-6982, ISSN(e): 2349-204X | 3.2 | N | N | Y |

|         |                 |                                                                                 |                                                                            |                   |               |           |                                        |     |   |   |   |
|---------|-----------------|---------------------------------------------------------------------------------|----------------------------------------------------------------------------|-------------------|---------------|-----------|----------------------------------------|-----|---|---|---|
| 40<br>. | Amruta B. Patil | Microstrip Patch Antenna for Wifi Application                                   | International Journal of Industrial Electronics and Electrical Engineering | Volume-6, Issue-3 | PAR T 3 71-73 | Mar. 2018 | ISSN(p): 2347-6982, ISSN(e): 2349-204X | 3.2 | N | N | Y |
| 41<br>. | Deepak Ray      | Hand Gestures Recognition using Python                                          | International Journal of Industrial Electronics and Electrical Engineering | Volume-6, Issue-3 | PAR T 3 74-76 | Mar. 2018 | ISSN(p): 2347-6982, ISSN(e): 2349-204X | 3.2 | N | N | Y |
| 42<br>. | Pooja Deshmukh  | Visible Light Data Transmission                                                 | International Journal of Industrial Electronics and Electrical Engineering | Volume-6, Issue-3 | PAR T 3 77-80 | Mar. 2018 | ISSN(p): 2347-6982, ISSN(e): 2349-204X | 3.2 | N | N | Y |
| 43<br>. | S.S.Thorat      | Design and Development of Rectangular Patch Antenna for Narrow Band Application | International Journal of Industrial Electronics and Electrical Engineering | Volume-6, Issue-3 | PAR T 3 81-85 | Mar. 2018 | ISSN(p): 2347-6982, ISSN(e): 2349-204X | 3.2 | N | N | Y |

|    |                                   |                                                          |                                             |                  |                           |          |                                                    |       |   |   |   |
|----|-----------------------------------|----------------------------------------------------------|---------------------------------------------|------------------|---------------------------|----------|----------------------------------------------------|-------|---|---|---|
| 44 | Dr. Prof. Rajesh Ghongade         | On Design of a three class ECG Classifier                | Indian Journal of Science and Technology    | Vol 11, Issue 16 | Pg. No. 1-6               | Apr-18   | ISSN:0 974-6846                                    |       | N | N | Y |
| 45 | ShrutiOza-Rahurkar, Dhara P Patel | Tunable CMOS Active Inductor Using Widlar Current Source | Journal of Circuits, Systems, and Computers | Vol. 28, No. 2   | 1950 027-1 To 1950 027-14 | May 2018 | ISSN (print): 0218-1266   ISSN (online): 1793-6454 | 0.595 | Y | Y | Y |

**\*International Journal of Industrial Electronics and Electrical Engineering is in association with IETE.**

#### **International Conference**

| Sr. No. | Title of the paper                            | Name of the Author(s)         | Name of the Conference                                                                        | Date             | Location | Listed In Scopus | Listed In Web of Science | Listed In Google Scholar |
|---------|-----------------------------------------------|-------------------------------|-----------------------------------------------------------------------------------------------|------------------|----------|------------------|--------------------------|--------------------------|
| 1       | Effect of Dielectric Materials on UWB Antenna | Prof.Dr. Shruti Oza-Rahurkar, | Intranational conference on Power, Control, Signals, and Instrumentation Engineering, (ICPCSI | Sept 21-22, 2017 | Chennai  | N                | N                        | N                        |

|   |                                                                                                          |                   |                                                                     |                |                |   |   |   |
|---|----------------------------------------------------------------------------------------------------------|-------------------|---------------------------------------------------------------------|----------------|----------------|---|---|---|
|   | for wearable applications                                                                                |                   |                                                                     |                |                |   |   |   |
| 2 | Improvement of transmission Efficiency in solid plastic pipe using ZnTe Quantum Dots for lighting system | Prof. Sonali Dash | International conference on advances in optics and photonics(ICAOP) | Nov23-26, 2017 | Hisar, Haryana | N | N | N |

**ACADEMIC YEAR 2018-19****INTERNATIONAL JOURNAL**

| <b>Sr. No.</b> | <b>Author (S)</b>                                                     | <b>Complete Title Of The Article</b>                                         | <b>Title Of The Journal</b>                                  | <b>Volume &amp; Issue Number</b> | <b>Page Nos.</b>  | <b>Month And Year Of Publication</b> | <b>ISSN</b>                          | <b>Impact Factor</b> | <b>Listed In Scopus</b> | <b>Listed In Web Of Science</b> | <b>Listed In Google Scholar</b> |
|----------------|-----------------------------------------------------------------------|------------------------------------------------------------------------------|--------------------------------------------------------------|----------------------------------|-------------------|--------------------------------------|--------------------------------------|----------------------|-------------------------|---------------------------------|---------------------------------|
| 1              | Prof.Dr. R.B.Ghongade, Upasanidhananjaye knath                        | Diverenge Coding For Diagnosis Of Atrial Fibrillation In ECG Signal Analysis | International Journal Of Applied Engineering Research        | Volume 13, Number 14             | Pp. 11501 - 11507 | August 2018                          | ISSN 0973-4562                       |                      | Y                       | Y                               | Y                               |
| 2              | Prof. Chetan S. More, Saunuska Debbarma, Nidhi Kandpal, Vibhuti Singh | Open CV Python Autonomous Car                                                | International Research Journal Of Engineering And Technology | Volume:06 Issue:01               | 595-597           | Jan 2019                             | E-ISSN:2395-0056<br>P-ISSN:2395-0072 | 7.211                |                         | Y                               | Y                               |
| 3              | Prof. Chetan More, Sakshi Ujjwal                                      | Plotting Robot                                                               | International Journal For Scientific Research & Development  | Vol:6 Issue 11                   | 192-194           | Jan 2019                             | ISSN: 2321-0613                      | 4.396                |                         | Y                               | Y                               |
| 4              | Prof.Dr. Rajesh Ghongade,                                             | Design & Development Of Smart Water Tank                                     | JI Of The Instrum.Soc Of India                               | Vol.48 Issue 2                   | 49-52             | June 2018                            |                                      |                      | Y                       |                                 | Y                               |

|   |                                                                    |                                                                                    |                                                                                       |                         |                 |                |                                |      |   |   |   |
|---|--------------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------|-----------------|----------------|--------------------------------|------|---|---|---|
|   | Alkabarhatte,<br>Manisha Dale                                      |                                                                                    |                                                                                       |                         |                 |                |                                |      |   |   |   |
| 5 | Prof. A. Prabhakar,<br>Chaitanya Gautam                            | Evolution In Wearable<br>Technology: Smart<br>Vest                                 | International<br>Journal Of<br>Engineering<br>Research<br>&Technology<br>(IJERT       | Vol. 8<br>Issue<br>04,  | 5-8             | April-<br>2019 | ISSN:<br>2278-<br>0181http     | 5    | Y | N | Y |
| 6 | Prof. A. Prabhakar<br>Chaitanya Gautam                             | Electronic Evolution:<br>Wearable Devices                                          | IJSRD -<br>International<br>Journal For<br>Scientific<br>Research<br>&Developme<br>nt | Vol. 6,<br>Issue<br>11, | 29-30           | Jan 2019       | ISSN<br>(Online):<br>2321-0613 | 4.69 | N | N | Y |
| 7 | Prof. Deepak Ray<br>Ansh Jaiswal ,<br>Amrit , Avinash<br>Kumar Jha | Channel Estimation In<br>OFDM Systems                                              | JERT                                                                                  | Vol-6<br>ISSUE<br>-1    | 328-<br>332     | Jan 2019       | ISSN -<br>2349-5162            | 5.87 |   | Y | Y |
| 8 | Prof. Dr.Shruti K.<br>Oza, Mr.Mangesh<br>Deshmukh                  | Spectrum Sensing based<br>on Energy Detection<br>for Cognitive Radio<br>using FPGA | International<br>Journal of<br>Engineering<br>Research &<br>Technology<br>(IJERT      | Vol. 8<br>Issue<br>05   | Pages:<br>37-39 | May2019        | ISSN:<br>2278-018              | 7.86 | N |   |   |

|    |                                                       |                                                                               |                                                                                     |                   |         |           |                   |       |   |   |   |   |
|----|-------------------------------------------------------|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------|---------|-----------|-------------------|-------|---|---|---|---|
| 9  | Prof. Dr.Shruti K. Oza,<br><br>Hemangi S. Badhan      | Accident Detection Using Raspberry Pi                                         | International Journal For Research In Engineering Application & Management (IJREAM) | Vol-05, Issue-02  | 140-143 | May 2019  | ISSN : 2454-9150  | 5.83  | N |   |   |   |
| 10 | Prof. Mr.Sudhir Kadam ,<br><br>Prof.Dr. M. S. Chavan2 | Design Of Digital Filter By Particle Swarm Optimization Algorithm             | International Journal Of Engineering Science Invention (IJESI)                      | Vol-8 Issue - 01  | 4-9     | Jan 2019  | ISSN: 2319 – 6734 |       |   |   |   |   |
| 11 | Prof.Rajesh Ghongade, Alka Barahnte,, Manish DalL     | Cardiac events detection using curvelet transform                             | Indian Academy of Sciences: Sadhana (Springer)Vol. 44 Issue 2                       |                   |         |           |                   | 0.769 |   |   |   |   |
| 12 | <b>Prof. Dr. Rajesh Ghongade</b>                      | Cardiac events detection using curvelet transform                             | Indian Academy of Sciences Sâdhanâ                                                  | Volume4 4 Issue 2 | 1 -10   | June 2019 | 0256-2499         | 0.849 | Y | Y | Y | 1 |
| 13 | <b>Prof. Dr. Rajesh Ghongade</b>                      | Estimation of blood glucose by non-invasive method using photoplethysmography | Indian Academy of Sciences Sâdhanâ (2019)                                           | Volume 44 Issue 6 | 1-14    | June 2019 | 0256-2499         | 0.849 | Y | Y | Y | 5 |

|    |                                                                         |                                                                                    |                                                                                           |                             |               |              |                                                    |      |   |   |   |   |
|----|-------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------|---------------|--------------|----------------------------------------------------|------|---|---|---|---|
| 14 | <b>Prof. Vinod H. Patil<br/>, Prof.<br/>Dr.ShrutiOza</b>                | Green Communication<br>for Power Distribution<br>Smart Grid                        | International<br>Journal of<br>Recent<br>Technology and<br>Engineering™<br>(IJRTE)        | Volume-<br>8 Issue-1        | 1035-<br>1039 | June 2019    | 2277-3878                                          | 6.04 | Y | N | Y | - |
| 15 | S.A.KADAM,<br>RENU SIKARWAR,<br>TINNI BALA<br>UPDHYAY,<br>TUSHAR SHARMA | DESIGNING OF IIR<br>FILTER BY<br>DIFFERENTIAL<br>EVOLUTION<br>METHOD               | International<br>Journal of<br>Industrial<br>Electronics and<br>Electrical<br>Engineering | Volume-<br>6, Issue-<br>3,  | 40-42         | , Mar.-2018  | ISSN(p): 2347-<br>6982, ISSN(e):<br>2349-204X      | 3.2  | N | N | Y |   |
| 16 | S.A.KADAM,<br>RUPALI<br>BHARDWAJ,<br>PARVEEN<br>KUMAR, RAHUL<br>RAUTELA | OPTIMIZATION OF<br>FIR FILTER USING<br>PARTICLE SWARM<br>OPTIMIZATION<br>TECHNIQUE | International<br>Journal of<br>Industrial<br>Electronics and<br>Electrical<br>Engineering | Volume-<br>6, Issue-3,<br>, | 25-28         | , Mar.-2018, | ISSN(p): 2347-<br>6982, ISSN(e):<br>2349-204X<br>, | 3.2  | N | N | Y |   |
| 17 | S.A.KADAM,<br>DEVANSH KAPUR,<br>AKASH<br>KESHWANI,<br>GAURAV YADAV      | OPTIMIZATION OF<br>FIR FILTERS USING<br>GENETIC<br>ALGORITHM<br>TECHNIQUE          | International<br>Journal of<br>Industrial<br>Electronics and<br>Electrical<br>Engineering | Volume-<br>6, Issue-<br>3,  | 21-24         | Mar.-2018,   | ISSN(p): 2347-<br>6982, ISSN(e):<br>2349-204X      | 3.2  | N | N | Y |   |

Academic Year 2018-19

International Conference

| Sr. No. | Author (S)                                                                                  | Complete Title Of The Article                                                         | Title Of The Conference                                                                                                                    | Date             | Location        | Listed In Standard Databases (Y/N) |                |                | Citations |  |  |
|---------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|------------------|-----------------|------------------------------------|----------------|----------------|-----------|--|--|
|         |                                                                                             |                                                                                       |                                                                                                                                            |                  |                 | Scopus                             | Web Of Science | Google Scholar |           |  |  |
| 1       | Prof.Dr.Rajesh Ghongade,<br>Manisha Dale,<br>Sayalitandale,<br>Alka S. Barhatte             | Arrhythmia Classification Using Neuro Fuzzy Approach                                  | <u>International Conference On Advances In Computing,Communication&amp;Automation (ICACCA)</u>                                             |                  | Dehradun, India | Y                                  | Y              | Y              |           |  |  |
| 2.      | Prof. Vinod H. Patil ,<br><br>Prof.Dr. Shruti Oza ,<br><br>Vishal Sharma<br>Tejaswini Patil | A Testbed Design Of Spectrum Management In Cognitive Radio Using NI USRP And Lab View | 2 <sup>nd</sup> International Conference On Research Advancement In Applied Engineering Sciences, Computer Ans Communication Technologies. | 22-23 MARCH 2019 | Pune            | Y                                  | Y              | Y              |           |  |  |
| 3.      | Prof.Vinod H. Patil ,<br><br>Prof. Dr. Shruti Oza ,                                         | Spectrum Sensing And Detection In Cognitive                                           | 2 <sup>nd</sup> International Conference On Research Advancement In Applied Engineering Sciences, Computer Ans Communication Technologies. | 22-23 MARCH 2019 | Pune            | Y                                  | Y              | Y              |           |  |  |

|    |                                                            |                                                                                                                      |                                                                                                    |                           |                         |   |   |   |  |
|----|------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|---------------------------|-------------------------|---|---|---|--|
|    | Rishika Dixit ,<br>Harshita Rai                            | Radio<br>Network                                                                                                     |                                                                                                    |                           |                         |   |   |   |  |
| 4. | Prof. Swapnil<br>S. Thorat,<br><br>Sangeeta R.<br>Chougule | Design And<br>Investigation<br>Of Compact<br>Microstrip<br>Patch Array<br>Antennas For<br>Narrowband<br>Applications | 3rd International Conference On<br>Advanced Computing And Intelligent<br>Engineering [ICACIE 2018] | 22-24<br>December<br>2018 | Bhubaneswar-<br>Oddissa | N | N | Y |  |

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**Academic Year 2019-20**

| Sr. No. | Author (s)                                                       | Complete Title of the Article                                                                                                                                    | Title of the Journal                                                 | Volume & Issue Number | Page Nos. | Month and Year of Publication | ISSN      | Impact Factor | Listed in Standard Databases (Y/N) |                |                | Citations |
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|         |                                                                  |                                                                                                                                                                  |                                                                      |                       |           |                               |           |               | Scopus                             | Web of Science | Google Scholar |           |
| 1       | <b>Prof. A. Y. Prabhakar, Prof. Dr. Shruti K. Oza</b>            | IOT & Wearable Devices                                                                                                                                           | International Journal of Engineering and Advanced Technology (IJEAT) | Volume-8 Issue-5      | 1705-1707 | June 2019                     | 2249-8958 | 6.02          | Y                                  | Y              | Y              | -         |
| 2       | <b>Prof. Dr. Rajesh Ghongade, Dikshit-Ratnaparkhi, Bormane D</b> | A Framework for Optimal Attribute Evaluation and Selection in Hesitant Fuzzy Environment Based on Enhanced Ordered Weighted Entropy Approach for Medical Dataset | Journal of Biomedical and Physics Engineering 2019                   | Volume 9              | 327-334   | June 2019                     | 327-334.  | 1.340         | Y                                  | N              | N              | -         |
| 3       | <b>Prof. S.A.Kadam, Mahesh S. Chavan</b>                         | Design of Digital Filter by Differential Evolution                                                                                                               | International Journal of Recent Technology and Engineering (IJRTE)   | Volume-8 Issue-2      | 2207-2210 | July 2019                     | 2277-3878 | 6.04          | Y                                  | N              | Y              | -         |
| 4       | <b>Prof. Vinod H. Patil, Prof. Dr. Shruti Oza</b>                | Spectrum Management Using NI USRP Framework                                                                                                                      | Elsevier SSRN Computing                                              | Volume 2 Issue 21     | --        | July 2019                     | --        |               | Y                                  | N              | Y              | -         |

|    |                                                                     |                                                                                                                 |                                                                      |                       |             |             |                        |       |   |   |   |   |
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|    |                                                                     | for Smart Grid Application                                                                                      | Methodology e-Journal                                                |                       |             |             |                        |       |   |   |   |   |
| 5  | <b>Prof. Dr. Shruti K. Oza,</b><br>Vivek Sharma,<br>Mahesh Gangarde | Spatial Domain Based Secure and Robust Video Watermarking Technique Using Modified LSB and Secret Image Sharing | ICTACT Journal on Image and Video Processing                         | Volume-10<br>Issue 01 | 2061-2070   | August 2019 | 0976-9102<br>(ONLINE ) | 0.786 | Y | N | Y | - |
| 6  | <b>Prof. Vinod H. Patil , Prof. Dr.ShrutiOza</b>                    | A Testbed Design of Spectrum Management in Cognitive Radio Network Using Ni USRP and LABVIEW                    | International Journal of Engineering and Advanced Technology (IJEAT) | Volume-8<br>Issue-2S8 | 1828-1834   | August 2019 | 2277-3878              | 6.02  | Y | N | Y | - |
| 7  | <b>Prof. S.A.Kadam,</b><br>Mahesh S. Chavan                         | Design of Digital Filter by Genetic Algorithm                                                                   | International Journal of Engineering and Advanced Technology (IJEAT) | Volume-8<br>Issue-6   | 397-400     | August 2019 | 2249 – 8958            | 6.02  | Y | N | Y | - |
| 8  | <b>ShrutiOza, SwapnilThorat</b><br>Mugdha Anand Kango               | Shri-Shape UWB Wearable Antenna & its Performance with Human Tissue                                             | International Journal of Recent Technology and Engineering (IJRTE)   | Volume8<br>Issue-3    | 7727-7730   | Sept- 2019  | 2277-3878              | 6.04  | Y | N | Y | - |
| 9  | <b>Prof. S.A.Kadam,</b><br>Mahesh S. Chavan                         | Design Differential Evolution Algorithm That Effect on Order of Digital Filters                                 | INTERNATIONAL JOURNAL OF SCIENTIFIC & TECHNOLOGY RESEARCH            | Volume 8, Issue 11    | 3265-3268   | Nov-2019    | 2277-8616              | 0.31  | Y | N | Y | - |
| 10 | <b>Prof. S.A.Kadam,</b><br>Mahesh S. Chavan                         | Performance of Particle Swarm Optimization for                                                                  | INTERNATIONAL JOURNAL OF SCIENTIFIC &                                | Volume 8, ISSUE 11    | 306306<br>6 | Nov-2019    | 2277-8616              | 0.31  | Y | N | Y | - |

|    |                                                                                     |                                                                  |                                                                                      |                     |             |          |             |      |   |   |   |   |
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|    |                                                                                     | Reducing System Delay                                            | TECHNOLOGY RESEARCH                                                                  |                     |             |          |             |      |   |   |   |   |
| 11 | <b>Prof. Sudhir Kadam,</b><br>DhruviParikh,<br>Pallavi Kapoor,Shital Karnani        | IoT based Wearable Safety Device for Women                       | international Journal of Engineering Research & Technology (IJERT)                   | Volume . 9 Issue 05 | 1086 - 1089 | May-2020 | 2278-0181   | 7.87 | N | N | Y | - |
| 12 | <b>Prof. A. Y. Prabhakar,</b><br><b>Prof. Dr. Shruti K. Oza</b>                     | Finger Gesture Vocalizer                                         | Journal of Engineering and Advanced Technology (JEAT)                                | Volume-9 Issue-2    | 1247-1249   | Dec 2019 | 2249 – 8958 | 6.02 | Y | Y | Y | - |
| 13 | <b>Prof. A.B.Patil,</b> AbhishekSachan,<br>KushalKhanna,<br>Shobhit Srivastava,     | Priority Based Traffic Signal System using Google Maps           | SSRG International Journal of Electronics and Communication Engineering (SSRG-IJECE) | Volume 7 Issue –1   | 20-24       | Jan 2020 | 2348 – 8549 | 2.15 | Y | N | Y | - |
| 14 | <b>Prof.AartiSawant</b>                                                             | Flower Recognition System Based On Image Segmentation Algorithms | International Journal of Innovative Technology and Exploring Engineering (IJITEE)    | Volume-9 Issue-3,   | 685-688     | Jan 2020 | 2278-3075   | 6.03 | Y | N | Y | - |
| 15 | <b>Prof.A.Y. Prabhakar ,</b><br>Akshit Sharma,<br>Ashish Kumar Singh, Tushar Sharma | Integrating IoT and WSN for Detection & Tracking                 | International Journal of Engineering and Advanced                                    | Volume-9 Issue-3,   | 3751-3754   | Feb 2020 | 2249 – 8958 | 6.02 | Y | N | Y | - |

|    |                                                                                         |                                                                                           |                                                                                      |                            |           |            |             |      |   |   |   |   |
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|    |                                                                                         |                                                                                           | Technology (IJEAT                                                                    |                            |           |            |             |      |   |   |   |   |
| 16 | <b>Prof.SudhirBussa,</b><br>YashPanchori,<br>Nikita Agarwal,<br>AashiyaSinghal,         | Malaria Parasite Detection using Various Machine Learning Algorithms and image processing | SSRG International Journal of Computer Science and Engineering (SSRG-IJCSE)          | Volume 7<br>Issue 2        | 68-70     | Feb 2020   | 2348 – 8387 | 2.15 | Y | N | Y | - |
| 17 | <b>Prof.A.Y. Prabhakar,</b><br>Nidhi Agrawal,<br>Himanshu Singh, Shiksha Kapoor         | Sensor Technology for Accident Detection                                                  | International Journal of Recent Technology and Engineering (IJRTE)                   | Volume-8<br>Issue-6,       | 5709-5711 | March 2020 | 2277-3878   | 6.04 | N | N | Y | - |
| 18 | <b>Prof.A.Y. Prabhakar,</b><br>Sahil,<br>AditiDadhich,<br>Deepak Sharma                 | Remote Monitoring System through IoT and WSN for Congestion Free Access                   | International Journal of Recent Technology and Engineering (IJRTE)                   | Volume-8<br>Issue-6        | 5274-5278 | March 2020 | 2277-3878   | 6.04 | N | N | Y | - |
| 19 | <b>Prof. P.D.Kadam,</b><br>Mr. Ankit Raj,<br>Mr. Vikram Singh Rathaur,<br>Mr. Ankit Raj | Lie Detector using MATLAB, Arduino and Biomedical Sensors                                 | International Research Journal of Engineering and Technology                         | Volume:<br>07 Issue:<br>03 | 64-71     | March 2020 | 2395-0056   | 7.34 | N | N | Y | - |
| 20 | <b>Prof. A.B.Patil,</b><br>KaushalPuri,Dev<br>asheeshTripathi,<br>Yashvi Sudan          | Feature Extraction Technique for Emotion Detection using Machine Learning                 | SSRG International Journal of Electronics and Communication Engineering (SSRG-IJECE) | Volume 7<br>Issue –3       | 1-2       | Mar 2020   | 2348 – 549  | 2.15 | Y | N | Y | - |
| 21 | <b>Prof.SudhirBussa,</b> Aditya<br>Bhardwaj,<br>KeiferAlex,Shiv<br>ani Shukla           | Ocular Movement based Assistance for Catatonic Patients                                   | International Journal of Engineering                                                 | Vol. 9<br>Issue 03,        | 23-26     | Mar 2020   | 2278-0181   | 7.87 | N | N | Y | - |

|    |                                                                                   |                                                                  |                                                                                |                      |           |            |             |       |   |   |   |   |
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|    |                                                                                   |                                                                  | Research & Technology (IJERT)                                                  |                      |           |            |             |       |   |   |   |   |
| 22 | <b>Prof.SudhirBussa</b> ,ShrutiBharuka,AnanyaMani,Sakshi Kaushik                  | Smart Attendance System using OPENCV based on Facial Recognition | International Journal of Engineering Research & Technology (IJERT)             | Vol. 9 Issue 03,     | 54-59     | Mar 2020   | 2278-0181   | 7.87  | N | N | Y | - |
| 23 | <b>Shruti K. Oza</b> Akshay Savji,                                                | Design and Implementation of Vedic Multiplier                    | International Journal of Recent Technology and Engineering (IJRTE)             | Volume-8 Issue-6     | 3142-3145 | March 2020 | 2277-3878,  | 7.87  | N | N | Y | - |
| 24 | <b>Prof. A.B.Patil</b> , Gautam Singh, SarveshSrivastava, Gautam Gupta            | Arduino Uno based Smart Cane for Osteoarthritis patients         | International Journal of Scientific Research and Engineering Development— 2020 | Volume 3 Issue 2     | 1-6       | Apr 2020   | 2581-7175   | 2.485 | N | N | Y | - |
| 25 | <b>Deepak Kumar Ray, Shruti K. Oza</b> ,Rajat Sharma, Akhil Anand, Abhishek Kumar | 5G in India                                                      | International Journal of Engineering Research & Technology (IJERT)             | Volume 9 Issue 4     | 245-248   | April-2020 | 2278-0181   | 7.87  | N | N | Y | - |
| 26 | <b>Deepak Kumar Ray</b> , Vishal Tripathi, NakulGupta, Kushagra Srivastava        | A Comparison between 5G Waveforms – GFDM and FBMC                | SSRG International Journal of Computer Science and Engineering (SSRG-IJCSE)    | Volume 7 Issue 4     | 7-10      | April-2020 | 2348 – 8387 | 2.15  | Y | N | Y | - |
| 27 | <b>Mr. Prasad D. Kadam</b> , Ms. Ajita Nigam, Mr. Vipin Pandey, Ms.               | Underground Cable Fault Detection Using IOT                      | International Research Journal of Engineering and Technology (IRJET)           | Volume: 07 Issue: 04 | 4538-4540 | April-2020 | 2395-0056   | 7.529 | N | N | Y | - |

|    |                                                                       |                                                                    |                                                                                      |                      |           |            |             |       |   |   |   |   |
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|    | SubhashiniSama<br>l                                                   |                                                                    |                                                                                      |                      |           |            |             |       |   |   |   |   |
| 28 | <b>Prof. S.P.Dash</b> Aayush , Rohit Jaiswal, R.Satyateja,            | Smart Garbage Monitoring System using NodeMCU                      | International Research Journal of Engineering and Technology (IRJET)                 | Volume: 07 Issue: 04 | 1974-1977 | April-2020 | 2395-0056   | 7.34  | N | N | Y | - |
| 29 | <b>Mrs. Pooja V. Deshmukh</b> , Mr. Hardik Khanna, Miss. Saloni Singh | A Machine learning approach for retail store sales forecast system | International Research Journal of Engineering and Technology (IRJET)                 | Volume 7 Issue 4     | 3286-3288 | April-2020 | 2395-0056   | 7.529 | N | N | Y | - |
| 30 | <b>Prof. Chetan More</b> , MukulTaneja, Sajal Pandey, Rajat           | Rear Windshield LED Display using Arduino                          | IJSRD - International Journal for Scientific Research & Development                  | Volume 8 Issue 1     | 604-609   | April 2020 | 2321-0613   | 7.87  | N | N | Y | - |
| 31 | <b>Prof. Chetan More</b> , Monu Kumar, Rupesh Chandra, Raushan Singh  | Fake Currency Detection using Image Processing & Python Module     | IJSRD - International Journal for Scientific Research & Development                  | Volume 8 Issue 2     | 138-140   | April 2020 | 2321-0613   | 7.87  | N | N | Y | - |
| 32 | <b>Prof. N.K.Shinde</b> , Shweta Trpathi, Rishabha, Aparajita         | I-Voting – Raspberry Pi Based Anywhere Voting System               | SSRG International Journal of Electronics and Communication Engineering (SSRG-IJECE) | Volume 7 Issue 4     | 21-23     | April 2020 | 2348 – 8549 | 2.15  | Y | N | Y |   |
| 33 | <b>Prof. N.K.Shinde</b> , Shubham Srivastava, Himanshu                | ECG Pattern Analysis Using Artificial Neural Network               | SSRG International Journal of Electronics and Communication                          | Volume 7 Issue 5     | 1-4       | April 2020 | 2348– 8549  | 2.15  | Y | N | Y | - |

|    |                                                                                    |                                                                                   |                                                                                                 |                       |               |            |                |       |   |   |   |   |
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|    | Bhardwaj ,<br>Aman Dixit                                                           |                                                                                   | Engineering (SSRG-IJECE                                                                         |                       |               |            |                |       |   |   |   |   |
| 34 | <b>Prof. N.K.Shinde,</b><br>Sameer Grover,<br>Aeysha Hassan,<br>Kumar<br>Yashaswi, | Smart Blind Stick                                                                 | SSRG International<br>Journal of<br>Electronics and<br>Communication<br>Engineering (SSRG-IJECE | Volume 7<br>Issue 5   | 19-23         | April 2020 | 2348 –<br>8549 | 2.15  | Y | N | Y | - |
| 35 | <b>Prof. SK Oza,</b> Shweta,<br>Radha Rani,<br>Nidhi                               | E-Highway                                                                         | International<br>Research Journal<br>of Engineering and<br>Technology (IRJET)                   | Volume: 7<br>Issue: 4 | 3509-<br>3511 | April 2020 | 23950056       | 7.529 | N | N | Y | - |
| 36 | <b>Prof. Chetan More,</b><br>ShivamSahu,<br>Vikrant<br>Sangwan, Prapti<br>Chauhan  | Pi-Smart Mirror                                                                   | International<br>Research Journal<br>of Engineering and<br>Technology IRJET                     | Volume: 7<br>Issue: 4 | 2893-<br>2897 | May 2020   | 2395-<br>0056  | 7.529 | N | N | Y | - |
| 37 | <b>Prof. Chetan More,</b> Monu<br>Kumar, Rupesh<br>Chandra,<br>Raushan Singh       | Fake Currency<br>Detection using basic<br>python programming<br>and Webframe work | International<br>Research Journal<br>of Engineering and<br>Technology IRJET                     | Volume: 7<br>Issue: 4 | 5204-<br>5209 | May 2020   | 2395-<br>0056  | 7.529 | N | N | Y | - |
| 38 | <b>Prof. Chetan More,</b><br>MukulTaneja,<br>Sajal Pandey,<br>Rajat                | Smat LED CAR back<br>display                                                      | IJSRD -<br>International<br>Journal for<br>Scientific Research<br>& Development                 | Volume: 8<br>Issue: 3 | 69-72         | May 2020   | 2321-<br>0613  | 7.87  | N | N | Y | - |
| 39 | <b>Prof. Chetan More,</b> Prapti<br>Chauhan,<br>ShivamSahu,<br>Vikrant<br>Sangwan  | Advanced<br>communication<br>display using<br>Rasberry Pi                         | International<br>Research Journal<br>of Engineering and<br>Technology IRJET                     | Volume: 7<br>Issue: 6 | 816-<br>819   | May 2020   | 395-0056       | 7.87  | N | N | Y | - |

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**Academic Year 2020-21**

**International Journal**

| S<br>r.<br>N<br>o. | Author (s)                                                              | Complete Title of the<br>Article                                                                                                           | Title of the<br>Journal                                                             | Volume &<br>Issue<br>Number | Page<br>Nos.      | Month<br>and<br>Year of<br>Publicati<br>on | ISSN          | Impact<br>Factor | Listed in Standard Databases<br>(Y/N) |                   |                   | UGC Ca<br>list |
|--------------------|-------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------|-------------------|--------------------------------------------|---------------|------------------|---------------------------------------|-------------------|-------------------|----------------|
|                    |                                                                         |                                                                                                                                            |                                                                                     |                             |                   |                                            |               |                  | Scopus                                | Web of<br>Science | Google<br>Scholar |                |
| 1.                 | <b>Prof. Dr. Rajesh Ghongade ,</b><br>Vaishali M. Joshi                 | Optimal Number of<br>Electrode Selection<br>for EEG Based<br>Emotion Recognition<br>using Linear<br>Formulation of<br>Differential Entropy | Biomedical and<br>Pharmacology<br>Journal                                           | Volume-13<br>Issue-2        |                   | June<br>2020                               | 645-<br>653   | 0.46             | Y                                     | N                 | Y                 | Y              |
| 2.                 | <b>Mr. Prasad D. Kadam</b> 1, Mr.<br>ALOK Singh2, Ms.<br>OSHEEN Bhau 3, | FLOOD EARLY<br>DETECTION AND<br>AVOIDANCE BY<br>IOT                                                                                        | International<br>Research<br>Journal of<br>Engineering and<br>Technology(IRJ<br>ET) | volume:<br>07 Issue:<br>07  | 1553<br>-<br>1560 | July<br>2020                               | 2395-<br>0056 | 7.529            | N                                     | N                 | Y                 |                |

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| 3. | <b>Prof. Dr. Shruti K. Oza</b><br><b>,Mrs.Mugdha Kangoo</b>                                           | Ultra Wide Band wearable antenna for medical application                                                                                                   | Journal of Seybold Report                       | Volume-15<br>Issue-8                                                                                | 620-627                | August 2020 | 1553-9211 | 0.00         | Y | N | Y | Y |
| 4. | <b>Prof. Dr. Rajesh Ghongade</b><br><b>,Archana Dikshit-Ratnaparkhi,</b><br><b>Dattatraya Bormane</b> | A novel entropy-based weighted attribute selection in enhanced multicriteria decision-making using fuzzy TOPSIS model for hesitant fuzzy rough environment | Complex & Intelligent Systems (Springer)        | <a href="https://doi.org/10.1007/s40747-020-00187-8">https://doi.org/10.1007/s40747-020-00187-8</a> | Open accesses (Online) | August 2020 |           | <b>3.791</b> |   |   |   |   |
| 5. | <b>Pooja V. Deshmukh,</b><br><b>Anurag Jaiswal,</b><br><b>Pranav Ahuja,</b><br><b>Pawan Shukla</b>    | Development of Posture Alert Device                                                                                                                        | International Journal of Innovative Science and | Volume 5, Issue 8,                                                                                  | 1728 - 1730            | August 2020 | 2456-2165 | 6.253        | N | N | Y |   |

|     |                                                                               |                                                                |                                                                    |                                                                                                         |                      |              |            |       |   |   |   |   |
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|     |                                                                               |                                                                | Research Technology                                                |                                                                                                         |                      |              |            |       |   |   |   |   |
| 6.  | <b>Vinod Patil</b> ,Anshu Raj Singh Chauhan,2Shreyansh Mehta, 2Chirag Mathadu | Spectrum Sensing in Cognitive Radio                            | International Journal of Engineering Research & Technology (IJERT) | Vol. 9 Issue 08,                                                                                        | 403-407              | August 2020  | 2278-0181. | 7.87  | N | N | Y |   |
| 7.  | <b>Vinod Patil</b> , Kuldeep Singh,2Mukul Wadhe,2Harsh Yadav                  | Spectrum Mobility in Cognitive Radio                           | International Journal of Engineering Research & Technology (IJERT) | Vol. 9 Issue 08,                                                                                        | 478-481              | Sept 2020    | 2278-0181. | 7.87  | N | N | Y |   |
| 8.  | <b>Vinod Patil,Amol Durge, Srishti Srivastava, Rohit Padhalni</b>             | Spectrum Decision in Cognitive Radio                           | International Journal of Engineering Research & Technology (IJERT) | Vol. 9 Issue 09                                                                                         | 630-634              | Sept 2020    | 2278-0181  | 7.87  | N | N | Y |   |
| 9.  | <b>Prof. Dr. Rajesh Ghongade</b> , Vaishali M. Joshi                          | IDEA: Intellect database for emotion analysis using EEG signal | International Journal of Research and Analytical Reviews           | <a href="https://doi.org/10.1016/j.jksuci.2020.10.007">https://doi.org/10.1016/j.jksuci.2020.10.007</a> | Open access (Online) | October 2020 | 1319-1578  | 3.572 | Y | N | Y | Y |
| 10. | <b>Prof. S.P. Dash</b> ,Ankit Bajpai, Evam Srivastava,                        | Lane Detection and Vehicle Detection                           | International Research Journal of                                  | Volume: 07 Issue: 10                                                                                    | 2395                 | Oct 2020     | 1813-1819  | 7.53  | N | N | Y |   |

|         |                                                                                      |                                                            |                                                                                   |                    |             |               |            |        |   |   |   |   |
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|         |                                                                                      | using Neural Network                                       | Engineering and Technology (IRJET)                                                |                    | - 0056      |               |            |        |   |   |   |   |
| 1<br>1  | <b>Amruta Patil</b> , Shivam Pandey1, Shashank Kaushik2, Shashank Tripathi3,         | Autonomous Gun for Laser Tag Arena used in Digital Gaming  | International Journal of All Research Education and Scientific Methods (IJARESM), | Volume 9, Issue 3, | 1022 - 1030 | March-2021    | 2455-6211  | 7.429, | N |   | Y |   |
| 1<br>2. | <b>Prof. Namita Shinde</b> , Vritika Chandwani, Mahima Jain, Megha Bansal,           | Smart Shopping Trolley with Automated Billing              | International Journal of All Research Education and Scientific Methods            | Volume 9, Issue 4  | 1484 - 1487 | April - 2021, | 2455-6211, | 7.429  | N |   | Y |   |
| 1<br>3. | <b>N.K Shinde</b> , Anubhav Kumar, Parth Anand, Aniket Kunawar                       | GREENHOUSE AUTOMATION WITH LORAWAN                         | International Journal of Research and Analytical Reviews                          | Volume 8, Issue 2  | 826-832     | April 2021    | 2348-1269, | 5.75   | N | N | Y | Y |
| 1<br>4. | <b>Namita Shinde</b> , Piyush Manaswi Das, Shubham Bhatia, Yash Dandle, Tauseef Raza | Virtual Mouse Using Hand Gesture Recognition               | International Journal of All Research Education and Scientific Methods            | Volume 9, Issue 4, | 1654 - 1658 | April - 2021  | 2455-6211  | 7.429  | N | N | Y |   |
| 1<br>5. | <b>Aarti Sawant, Snehal Mane</b>                                                     | Automatic Number Plate Recognition for Gate Access Control | International Journal of Innovative Research in                                   | Volume 9, Issue 4  | 1811 - 1817 | April 2021    | 2320-9801  | 7.488  | N | N | Y |   |

|     |                                                                                            |                                                              |                                                                                   |                    |             |              |           |       |   |   |   |   |
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|     |                                                                                            |                                                              | Computer and Communication Engineering                                            |                    |             |              |           |       |   |   |   |   |
| 16. | <b>Payal Kadam, Namita Shinde, Namrata Rade</b>                                            | Image Texture Classification Using CNN                       | International Journal of Research and Analytical Reviews (IJRAR)                  | Volume8, Issue2    | 381-385     | April 2021   | 2348-1269 | 5.75  | N | N | Y | Y |
| 17  | <b>P.D Kadam, Sakshi Priya, Sharmistha Sarkar, Preya Paltanwale, Sanjana Pushkar</b>       | Develop a Prototype of Prepaid Electricity Monitoring System | International Journal of All Research Education and Scientific Methods (IJARESM), | Volume 9, Issue 4, | 2577 - 2580 | April - 2021 | 2455-6211 | 7.429 | N | N | Y |   |
| 18  | <b>Agrima Agrawal, Ankita Maurya, Prof. Amruta Patil</b>                                   | Voice-Controlled Tool for Anytime Safety of Women            | Journal of Emerging Technologies and Innovative Research (JETIR)                  | Volume 8, Issue 5  | 966-975     | May 2021     | 2349-5162 | 7.95  | N | N | Y |   |
| 19  | <b>Siddharth Sharma, Swapnil Bhatnagar, Sharjeel Hasan, Vibhor Jain, Mrs. Amruta Patil</b> | Automatic Cradle System for Infant Care                      | International Journal of Research and Analytical Reviews (IJRAR)                  | Volume 8, Issue 2  | 812-827     | May 2021     | 2348-1269 | 5.75  | N | N | Y | Y |

**BHARATI VIDYAPEETH DEEMED UNIVERSITY**  
**COLLEGE OF ENGINEERING, PUNE**  
**DEPARTMENT OF E&TC ENGINEERING**

**Academic Year 2021-22**

**International Journal**

| Sr. No. | Author (s)                                 | Complete Title of the Article                                    | Title of the Journal                                     | Volume & Issue Number | Page Nos. | Month and Year of Publication | ISSN               | DOI Number | Impact Factor | Listed in Standard Databases (Y/N) |                |                |               | Link to the recognition in UGC enlistment of the Journal | Citations |
|---------|--------------------------------------------|------------------------------------------------------------------|----------------------------------------------------------|-----------------------|-----------|-------------------------------|--------------------|------------|---------------|------------------------------------|----------------|----------------|---------------|----------------------------------------------------------|-----------|
|         |                                            |                                                                  |                                                          |                       |           |                               |                    |            |               | Scopus                             | Web of Science | Google Scholar | UGC Care list |                                                          |           |
| 1.      | Mrs. Mugdha A. Kango #1, Dr. Shruti Oza *2 | Circular Patch Ultra-Wide Band Antenna for Wearable Applications | Studia Rosenthaliana (Journal for the Study of Research) | Volume 13, Issue 6    | 12-18     | June 2021                     | ISSN NO: 1781-7838 | -          | 4.9           | -                                  | Y              | -              | Y             | -                                                        | -         |

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|----|-----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|--------------------------------|-----------------------|-----------|-------------------------------------------|---------------------------------------------------|-------|---|---|---|---|---|---|
| 2. | Nimis<br>a Tiwa<br>ri1, Kr<br>itika T<br>ripathi<br>2, Kar<br>n Prat<br>ap Sin<br>gh3,<br>Dr. Sh<br>ruti Oz<br>a4     | Social<br>Distan<br>cing<br>Smart<br>Cap                                    | Internationa<br>l Journal of<br>All<br>Research<br>Education<br>and<br>Scientific<br>Methods<br>(IJARESM)<br>,       | Volu<br>me<br>9,<br>Issue<br>6 | 22<br>2-<br>22<br>7   | June 2021 | ISS<br>N:<br>245<br>5-<br>621<br>1        | -                                                 | -     | - | - | - | Y | - | - |
| 3. | Raghav<br>Abbi,<br>Shivam<br>Sharm<br>a, Mili<br>nd Nan<br>dwani<br>& Hard<br>eep Pah<br>al, Prof<br>. S. P.<br>Dash, | WI-FI<br>Based<br>Patien<br>t<br>Monit<br>oring<br>Syste<br>m               | Internationa<br>l Journal of<br>Innovative<br>Research in<br>Computer<br>and<br>Communic<br>ation<br>Engineerin<br>g | Volu<br>me 9,<br>Issue<br>6    | 75<br>96-<br>75<br>99 | June 2021 | e-<br>ISS<br>N:<br>232<br>0-<br>980<br>1, | 10.15<br>680/IJ<br>IRCC<br>E.202<br>1.090<br>6283 | 7.542 | - | - | Y | - | - | - |
| 4. | Konar<br>k Chak<br>ma1,<br>Prof Pa<br>yal S<br>Kadam<br>2                                                             | User<br>analysi<br>s and<br>emotio<br>n<br>detecti<br>on<br>using<br>tweets | Internationa<br>l Journal of<br>All<br>Research<br>Education<br>and<br>Scientific<br>Methods<br>(IJARESM)<br>,       | Volu<br>me 9,<br>Issue<br>7    | 25<br>30-<br>25<br>39 | July 2021 | ISS<br>N:<br>245<br>5-<br>621<br>1        | -                                                 | 7.429 | - | - | Y | - | - | - |

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|----|------------------------------------------------------------------|------------------------------------------------------------------|----------------------------------------------------------------------------------------|--------------------------|-----------|-------------|--------------------------------------|--------------------------------|-------|---|---|---|---|---|---|
| 5. | 1Prof. Payal Kadam, 2Janhavi Sengar, 3Samridhi Shree, 4Ena Nigam | <b>Water Float Solar Power Panels with Sun Position Tracking</b> | INTERNATIONAL JOURNAL OF RESEARCH AND ANALYTICAL REVIEWS (IJRAR)                       | <b>Volume 8, Issue 3</b> | 99-104    | July 2021   | E-ISSN 2348-1269                     | -                              | 5.75  |   | - | - | Y |   | - |
| 6. | Sonali P Dash, Amit Kumar, Vishal, Shiv Narayan                  | Home Automation Using Google Assistant & NodeMCU                 | International Journal of Innovative Research in Computer and Communication Engineering | Volume 9, Issue 7        | 8544-8551 | July 2021   | e-ISSN: 2320-9801, p-ISSN: 2320-9798 | 10.15680/IJIRCC E.2021.0907121 | 7.542 | - | - | Y | - | - | - |
| 7. | Ankit Kuma, Priyanshi Srivastava, Pooja Deshmukh                 | COVID-19 Diagnoses using Chest CT Scan Images with ML            | International Journal of All Research Education and Scientific Methods (IJARESM)       | Volume 9, Issue 7        | 2803-2807 | July - 2021 | ISSN: 2455-6211                      | NA                             | 7.429 | - | - | Y | - | - | - |

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|-----|-----------------------------------------------------------------|-----------------------------------------------------------------|----------------------------------------------------------------------------------------|-------------------------|-----------|-------------|---------------------|-------------------------------------|-------|---|---|---|---|---|---|
| 8.  | Sumit Kumar, Sarthak Sinha, Suresh Kumar , Pooja V. Deshmukh    | Adulte ration in Milk using Optical Fiber Sensor                | International Journal of Innovative Research in Computer and Communication Engineering | Volume 9, Issue 7,      | 8682-8686 | July 2021   | ISSN: 2320-9801     | DOI: 10.15680/IJIRCCCE.2021.0907146 | 7.542 | - | - | Y | - | - | - |
| 9.  | Mr.P.D .Kadam , Kushagra Kapoor, AnkitChaudhary, Nishant Shukla | Voice control led Robot Using Android Application and Bluetooth | International Journal of Innovative Research in Computer and Communication Engineering | Volume 9, Issue 7       | 8570-8573 | July 2021   | ISSN: 2320-9801     | DOI: 10.15680/IJIRCCCE.2021.0907125 | 7.542 | - | - | Y | - | - | - |
| 10. | Mrs. Mugdha A. Kango 1, Shruti Oza Rahurkar2                    | Comparative Analysis of Ultra-Wide Band Wearable Antennas       | GIS Science Journal                                                                    | VOLUME 8, ISSUE 8, 2021 | 628-637   | August 2021 | ISSN NO : 1869-9391 | -                                   | -     | - | Y | - | Y | - | - |

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|     |                                                                                      | na<br>using<br>Variou<br>s<br>Fabric<br>s with<br>Reduc<br>ed<br>SAR<br>level |                                                                                                                                              |                                |                     |           |                               |   |           |   |   |   |   |   |   |
| 11. | Prof.<br>Aarti<br>Sawa<br>nt,<br>Sanka<br>lp<br>Agra<br>wal,<br>Upma<br>nyu<br>Singh | Auto<br>matic<br>Vehic<br>le<br>Spee<br>d<br>Contr<br>ol                      | Intern<br>ation<br>al<br>Journ<br>al of<br>All<br>Resea<br>rch<br>Educ<br>ation<br>and<br>Scien<br>tific<br>Meth<br>ods<br>(IJA<br>RES<br>M) | Volu<br>me<br>9,<br>Issue<br>7 | 19<br>7-<br>20<br>1 | July 2021 | ISS<br>N:<br>245<br>5-<br>621 | - | 7.42<br>9 | - | - | Y | - | - | - |

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|     |                                                   |                                                                       |                                                                                |                   |           |           |                 |       |   |   |   |   |   |   |  |
| 12. | Devanshi Gupta, Saumya Srivastava, Sonali P. Dash | Social distancing monitoring system using computer vision and YOLO v3 | International Journal of Advance Research, Ideas and Innovations in Technology | Volume 7, Issue 4 | 1295-1298 | July 2021 | ISSN: 2454-132X | 6.078 | - | - | - | Y | - | - |  |

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| 13. | Prof. S. P. Dash, Ragha v Abbi, Shiva m Shar ma, Milin d Nand wani, Harde ep Pahal | Real Time Healt h Care Moni toring Syste m Base d on Ardui no | Intern ation al Journ al of Innov ative Resea rch in Com puter and Com muni catio n Engin eerin g | Volu me 9, Issue 7,   | 86 05- 86 09 | July 2021 | le- IS SN : 23 20- 98 01, p- IS SN : 23 20- 97 98 | 10.15 680/IJ IRCC E.202 1.090 7131 | 7.542 | - | - | Y | - | - | - |
| 14. | Prof. Chetan S More1, Ashish M. Magdu m2                                           | Design and Imple mentat ion of Effecti ve Digital Photo Frame | Internationa l Journal for Research in Applied Science & Engineerin g Technology (IJRASET)        | Vol um e 9 Iss ue VII | 16 70- 16 77 | July 2021 | ISS N: 232 1- 965 3                               | 01.22 214                          | 7.429 | - | - | Y | - | - | - |

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| 15. | Chetan More, Surbhi Jain, TejasW aykole                          | Digital Photo Frame Printin g using 3D Printer     | Internationa l Journal for Research in Applied Science & Engineerin g Technology (IJRASET) | Vol um e 9 Iss ue VII | 14 57-14 60 | July 2021 | ISS N: 232 1-965 3 | 01.22 214                          | 7.429 | - | - | Y | - | - | - |
| 16. | Prof. C.S.Mo re, Divyan sh Singh, Anshu manBh adauria            | Face Recog nition Based Attend ance Record Syste m | Internationa l Journal for Research in Applied Science & Engineerin g Technology (IJRASET) | Vol um e 9 Iss ue VII | 16 10-16 12 | July 2021 | ISS N: 232 1-965 3 | 01.22 214                          | 7.429 | - | - | Y | - | - | - |
| 17. | Swapni l Thorat, Harshit Mohan Srivast ava, Aayush Mahes hwari , | Optica l Charac ter Scanni ng & Recog nition       | Internationa l Journal of Innovative Research in Computer and Communic ation               | V 9 Iss ue 7          | 90 01-90 07 | July 2021 | 232 0-979 8        | 10.15 680/IJ IRCC E.202 1.090 7071 | 7.542 | - | - | Y | - | - | - |

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|     |                                                                                                      |                                                                                                                                                                        | Engineerin<br>g                                                                         |                |                       |           |                       |                                                                                                                                                                                                                                  |       |   |   |   |   |   |   |
| 18. | Swapni<br>l<br>Thorat,<br>Sneha<br>Gupta,<br>Sonal<br>Soman<br>kar,<br>Siddhar<br>th<br>Bhard<br>waj | Design<br>and<br>Simula<br>tion of<br>Meand<br>erline<br>Anten<br>na For<br>Lte<br>Comm<br>unicati<br>on<br>Based<br>On<br>Defect<br>ed<br>Groun<br>d<br>Structu<br>re | Internationa<br>l Journal of<br>All<br>Research<br>Education<br>& Scientific<br>Methods | V-9<br><br>I-7 | 19<br>15-<br>19<br>23 | July 2021 | 245<br>5-<br>621<br>1 | http://<br>www.<br>ijares<br>m.co<br>m/desi<br>gn-<br>and-<br>simula<br>tion-<br>of-<br>meand<br>erline-<br>antenn<br>a-for-<br>lte-<br>comm<br>unicat<br>ion-<br>based-<br>on-<br>defect<br>ed-<br>groun<br>d-<br>struct<br>ure | 7.429 | - | - | Y | - | - | - |



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