

## RESUME



**KESANA GOPIKRISHNA,**  
S/O K.CHINA RAGHAVAYYA,  
D.N0: 2-64, PIDAPRTHIPALEM,  
KOLLIPARA MANDAL,  
GUNTUR DISTRICT,A.P-522304.

**Email Id:** gopi52@gmail.com

**Phone no:** 9491223732

### CARRER OBJECTIVES:

To associate with an organization, which gives me a challenging position where I can apply my knowledge, acquire new skills and work closely with a team of highly experienced professionals

### EDUCATIONAL QUALIFICATIONS:

| S. No | Qualification (10 <sup>th</sup> /Inter/ Diploma/ UG/ PG/PhD) | Branch & Specialization (Full Name)   | School/ College Name and address (Full Name)                            | Board/ University (Full Name)                      | Certificate Number & Date     | Mode of Completion (Full-time/Part-time/Distance) | % of Marks |
|-------|--|---|---|--|-------------------------------|---|------------|
| 1     | SSC  | -   | Z.P.HIGH SCHOOL, KOLLIPARA GUNTUR, ANDHRA PRADESH.                      | SSC BOARD  | CN: CC 555239<br>30.04.2004   | Full Time   | 75.50      |
| 2     | DIPLOMA  | EEE   | A.A.N.M & V.V.R.S.R Polytechnic, Gudlavalleru, KRISHNA, ANDHRA PRADESH. | STATE BOARD OF TECHNICAL EDUCATION & TRAINING      | CN: 07040002967<br>14.06.2007 | Full Time   | 81.16      |
| 3     | B.Tech.  | ELECTRICAL & ELECTRONICS ENGINEERING  | PRAKASAM ENGINEERING COLLEGE, PRAKASAM, ANDHRA PRADESH.                 | JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA | CN: CC025282<br>20.09.2012    | Full Time   | 75.50      |
| 4     | M.Tech.  | <b>1. Branch:</b><br>ELECTRICAL & ELECTRONICS ENGINEERING<br><b>2. Specialization:</b><br>POWER ELECTRONICS | PRAKASAM ENGINEERING COLLEGE, PRAKASAM, ANDHRA PRADESH.                 | JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA | CN: CC101296<br>05.08.2014    | Full Time   | 80.00      |

**PROGRAMMING LANGUAGES:** C LANGUAGE , PLC PROGRAMMING & MATLAB.

## PERSONAL SKILLS:

- Enthusiastic towards new technology
- Dedication towards work
- Systematic hard work

## TEACHING & ADMINISTRATIVE EXPERIENCE:

- Working as a Assistant Professor in **EEE** Department at Tirumala Engineering college from 2013 JUNE to till date.
- Working as a **Department PLACEMENT CO-ORDINATOR** in Tirumala Engineering College from October-2016 to till date.

## ACHIEVEMENTS:

- Stood Second in M.Tech with 80%
- Stood First in Diploma and appreciated with a Medal.
- Ratified as Assistant Professor by JNTU Kakinada.
- Got appreciation award as “**BEST TEACHER (2014-15)** by TIRUMALA ENGINEERING COLLEGE.

## PAPERS PUBLISHED IN INTERNATIONAL JOURNALS

| Academic Year | Author(s), Title, Journal, Vol, No, Pages, Month & Year of Publication, ISSN(s), DOI or Weblink or Print Journal & Free Journal (If Any)   | Indexed By |
|---------------|--|------------|
| 1<br>2013     | KESANA GOPIKRISHNA,G.JAYARAJU, SK.JAKEER, “ Performance Of Synchronous Reference Frame Controller Based Multilevel Voltage Source Converter For Harmonic Control”<br>International Journal of Engineering Research & Technology (IJERT),Volume-2,issue-10,1780-1786,October-2013.<br>(Print ISSN: 2278-0181). <a href="http://www.ijert.org">www.ijert.org</a>   |            |
| 2<br>2013     | KESANA GOPIKRISHNA,G.JAYARAJU,SK.JAKEER ,”VSI-FED SPEED CONTROL OF THREE PHASE SQUIRREL CAGE INDUCTION MOTOR WITH AND WITHOUT V/F CONTROL BY USING DSP CONTROLLER”<br>International Journal of Advanced scientific and Technical Research(IJST),Volume-5,Issue-3,264-276,October 2013.(Print ISSN: 2249-9954)<br>Also available on <a href="http://www.rspublication.com/ijst/index.html">http://www.rspublication.com/ijst/index.html</a> |            |
| 3<br>2013     | KESANA GOPIKRISHNA, G.JAYARAJU, M.RAMESH BABU.”Hysteresis Control Of A Unified Power Quality Conditioner For Current And Voltage Perturbations Compensation In A Power Distribution Network” International Journal of Engineering Research & Technology (IJERT), ISSN: 2278-0181, Vol. 2 Issue 9, September - 2013   |            |
| 4<br>2020     | KESANA GOPIKRISHNA, Dr.M.MANOJ KUMAR,JOHNY BEGAM SHAIK “Stability region computation of BLDC motor drive using boundary Locus method" Journal of Information and Computational Science (JOICS),Volume-13,Issue-9,2020.(Print ISSN: 1548-7741), <a href="http://www.joics.net">www.joics.net</a>  |            |

**PAPERS PRESENTED IN INTERNATIONAL CONFERENCES :**

| Academic Year | Conference Name, Venue & Date(s) of Conference  | Author(s), Title, Vol, No, Pages, DOI or Weblink (If Any)   | ISBN Number & Best paper award. (If Any) | Scopus (If any) |
|---------------|---|---|--|-----------------|
| 1<br>2016-17  | International Conference on Recent Innovations in Engineering & Technology ( <b>ICRIEAT-2017</b> ), Organized by Aurora's Scientific, Technological and Research Academy, Hyderabad, TELANGANA 22 <sup>nd</sup> & 23 <sup>rd</sup> DEC, 2016. | Kesana Gopikrishna, R.Hothri, Sk.Johny Begum, "PID and Fuzzy Logic Control of Compensated Self-Excited Induction Generator" Vol 7   | ISSN : 2249-9598                         |                 |
| 2<br>2018-19  | 1st International Conference on Technological Emerging Challenges (ICTEC-2019) organized by Tirumala Engineering College, NARASARAOPET, GUNTUR, A.P. 15th & 16th Mar-2019   | Kesana Gopikrishna, P.Prathyusha, I.Triveni, P.Mahesh "Sepic Converter Based Hybrid Energy System for Micro Grid Applications" Pages 455-464 <a href="http://www.ijrat.org">www.ijrat.org</a> | E-ISSN: 2321-9637                        |                 |
| 3<br>2018-19  | 1st International Conference on Technological Emerging Challenges (ICTEC-2019) organized by Tirumala Engineering College, NARASARAOPET, GUNTUR, A.P. 15th & 16th Mar-2019   | Kesana Gopi Krishna Sk.Jakeer, N.Balakrishna Design And Implementation Of Smart Home Automation System Through IOT Pages 578-583 <a href="http://www.ijrat.org">www.ijrat.org</a>             | E-ISSN: 2321-9637                        |                 |
| 4<br>2018-19  | 1st International Conference on Technological Emerging Challenges (ICTEC-2019) organized by Tirumala Engineering College, NARASARAOPET, GUNTUR 15th & 16th Mar-2019   | Kesana Gopikrishna, M Chandra Sekhar, Ch Shashidhar Simulation Of Vehicle To Grid Connection Using Renewable Energy Pages 26-33 <a href="http://www.ijrat.org">www.ijrat.org</a>              | E-ISSN: 2321-9637                        |                 |
| 5<br>2020-21  | Recent Trends in Renewable Energy Sources and Power Conversion  | K.Gopi Krishna, SK.Abdul Khadar, SK.Meeravali Khan, Aslam Shaik "Comparative Analysis of CHB and CSD Multilevel Inverter" Pages: 33-49  | <b>Springer</b>                          |                 |

**DETAILS OF B.TECH. STUDENTS GUIDED /GUIDING:**

| Academic Year | Name of Team Leader & Roll Number | Thesis Title  | University/ Institute | Work Status |
|---------------|-----------------------------------|---|-----------------------|-------------|
| 1<br>2014-15  | K.SEETHA<br>11NE1A0251            | A NEW DC ANT-ISLANDING TECHNIQUE OF ELECTROLYTIC CAPACITOR-LESS PHOTOVOLTAIC INTERFACE IN DC DISTRIBUTION | INSTITUTE             | COMPLETED   |

|    |           |  | SYSTEM  |           |           |
|----|-----------|--|---|-----------|-----------|
| 2  | 2014-15   | P.VENKATESH<br>11NE1A0232              | PRECISE ACCELERATED TORQUE<br>CONTROL FOR SMALL INDUCTANCE<br>BRUSHLESS DC MOTOR  | INSTITUTE | COMPLETED |
| 3  | 2015-16   | SK.ABDUL KHADAR<br>12NE1A0237          | DESIGN OF REMOTE INTELLIGENT<br>HOME SYSTEM BASED ON ZIGBEE<br>AND GSM TECHNOLOGY   | INSTITUTE | COMPLETED |
| 4  | 2015-16   | P.MANASA<br>12NE1A0235                 | TRANSMISSION LINE MULTIPLE<br>FAULTS OF DETECTION AND<br>INTIMATION OF A SUBSTATION   | INSTITUTE | COMPLETED |
| 5  | 2016-17   | P.SUDHA RANI<br>14NE5A0207             | AUTOMATIC SOLAR DUAL AXIS<br>TRACKING SYSTEM  | INSTITUTE | COMPLETED |
| 6  | 2016-17   | B.VIOLA BINATI<br>ALFRED<br>13NE1A0205 | GRID INTER CONNECTION OF<br>RENEWABLE ENERGY RESOURCES<br>AT THE DISTRIBUTION LEVEL WITH<br>POWER-QUALITY IMPROVEMENT<br>FEATURES | INSTITUTE | COMPLETED |
| 7  | 2017-2018 | B.AVINASH BABU<br>14NE1A0201           | SIMULATION OF VEHICLE TO GRID<br>CONNECTION USING RENEWABLE<br>ENERGY   | INSTITUTE | COMPLETED |
| 9  | 2018-19   | P.Prathyusha<br>15NE1A0208             | SEPIC CONVERTER BASED HYBRID<br>ENERGY SYSTEM FOR MICRO GRID<br>APPLICATIONS  | INSTITUTE | COMPLETED |
| 10 | 2019-20   | SK.NAGOOR BASHA<br>17NE5A02013         | SOLAR FED OPTIMIZED LINK<br>VOLTAGE CONTROL IN DFIG FOR<br>WIND ENERGY CONVERSION SYSTEM  | INSTITUTE | COMPLETED |

**SEMINARS/CONFERENCES/ SHORT-TERM COURSES /WORKSHOPS/ FDPS/ TRAINING PROGRAMS/ WEBINARS/ QUIZZES/ ETC ORGANIZED :**

|   | Academic Year | Type                     | Title of the Program                              | Sponsoring Agency/ Self-financed | From Date      | To Date        | Your Role        |
|---|---------------|--------------------------|---|----------------------------------|----------------|----------------|------------------|
| 1 | 2020-21       | WEBINAR                  | PASSION INTO<br>CAREER 2.0(INSPILING<br>THOUGHTS) | Self-financed                    | 10-07-<br>2020 | 11-07-<br>2020 | CO-<br>ORDINATOR |
| 2 | 2019-20       | FDP                      | DRIVING<br>TECHNOLOGIES FOR<br>SMART GRID         | Self-financed                    | 25-08-<br>2020 | 27-08-<br>2020 | CO-CONVENER      |
| 3 | 2019-20       | SHORT-<br>TERM<br>COURSE | RESEARCH<br>OPPORTUNITIES IN<br>POWER ELECTRONICS | Self-financed                    | 26-06-<br>2020 | 30-06-<br>2020 | CO-CONVENER      |

**SEMINARS/ CONFERENCES/ SHORT-TERM COURSES /WORKSHOPS/ FDPS/ TRAINING PROGRAMS/ WEBINARS/ QUIZZES/ ETC ATTENDED:**

|   | Academic Year | Type               | Title of the Program  | Sponsoring Agency/<br>Self-financed                              | From Date  | To Date    | Venue & College   |
|---|---------------|--------------------|---|--|------------|------------|---|
| 1 | 2021          | STTP               | <b>SIMULATION TOOLS FOR ELECTRICAL ENGINEERING &amp; ITS REAL TIME APPLICATIONS</b> | AICTE Sponsored<br>(Ref.No.34-66/478/FDC/STTP/Policy-1/2019- 20) | 17-05-2021 | 22-05-2021 | <b>KALLAM HARANADHAREDDY INSTITUTE OF TECHNOLOGY (Autonomous)</b> |
| 2 | 2020          | FDP                | <b>MODERN TRENDS IN ELECTRICAL DRIVES (MTED)</b>                                    | Sponsoring Agency  | 19-05-2020 | 23-05-2020 | <b>NAGPUR INSTITUTE OF TECHNOLOGY, NAGPUR</b>                     |
| 3 | 2019          | SHORT TERM         | <b>ENERGY MANAGEMENT OF SMART GRIDS AND MICRO GRIDS WITH IOT</b>                    | Sponsoring Agency  | 29-07-2019 | 3-08-2019  | <b>R.V.R&amp;J.C COLLEGE OF ENGINEERING</b>                       |
| 4 | 2015          | FDP                | <b>MODELLING SIMULATION (MATLAB &amp; SIMULINK)</b>                                 | Self-financed  | 26-06-2015 | 27-06-2015 | <b>TIRUMALA ENGINEERING COLLEGE, NARASARAOPET.</b>                |
| 5 | 2016          | Training Programme | <b>INSTRUCTIONAL DESIGN AND DELIVERY SYSTEMS</b>                                    | Self-financed  | 29-02-2016 | 05-03-2016 | <b>TIRUMALA ENGINEERING COLLEGE, NARASARAOPET.</b>                |
| 6 | 2016          | FDP                | <b>ASIC DESIGN FLOW USING MENTOR GRAPHICS</b>                                       | Self-financed  | 21-06-2016 | 22-06-2016 | <b>TIRUMALA ENGINEERING COLLEGE, NARASARAOPET.</b>                |
| 7 | 2017          | SHORT TERM         | <b>VLSI DESIGN TOOLS</b>  | Self-financed  | 12-06-2017 | 16-06-2017 | <b>TIRUMALA ENGINEERING COLLEGE, NARASARAOPET.</b>                |

**MEMBERSHIP IN PROFESSIONAL BODIES:**

|   | Academic Year | Name of Professional Body | Type of Membership<br>(Life Member/Associate member/ Fellow Member) | Date of approval | Membership Number |
|---|---------------|---------------------------|---|------------------|-------------------|
| 1 | 2017          | <b>ISTE</b>               | Life Member   | <b>2017</b>      | <b>LM118576</b>   |

**ACADEMIC PROJECT: (B.Tech)**

Presented a Project on “**DESIGN AND CONTROL METHODOLOGY OF SHUNT ACTIVE POWER FILTER FOR HARMONIC COMPENSATION**”

**ACADEMIC PROJECT: (M.Tech)**

Presented a Project on “**A CASCADED H-BRIDGE and NOVEL MULTILEVEL INVERTER TOPOLOGY FOR INDUCTION MOTOR DRIVE**”.

**PERSONAL PROFILE:**

|                        |   |                         |
|------------------------|---|-------------------------|
| <b>Name</b>            | : | KESANA GOPIKRISHNA      |
| <b>Father's name</b>   | : | K.CHINA RAGHAVAYYA      |
| <b>Date of Birth</b>   | : | 10-09-1989              |
| <b>Gender</b>          | : | Male                    |
| <b>Marital Status</b>  | : | Married                 |
| <b>Nationality</b>     | : | Indian                  |
| <b>Languages Known</b> | : | English, Hindi, Telugu. |

**DECLARATION:**

I hereby declared that the above information is true to the best of my knowledge.

Mr.KESANA GOPIKRISHNA,  
Assistant Professor,  
EEE Department.