2.4.2 Number of full time teachers with Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count) 3.1.2 Number of teachers recognized as research guides (latest completed academic year)

3.3.1 Number of Ph.Ds registered per eligible teacher during the year

| Name of full time teacher with<br>Ph.D./D.M/M.Ch./D.N.B<br>Superspeciality/D.Sc./D'Lit. | Qualification (Ph.D./D.M/M.Ch./D.N.B Superspeciality/D.Sc./D'Lit .) and Year of obtaining | Whether recognised as research<br>Guide for<br>Ph.D./D.M/M.Ch./D.N.B<br>Superspeciality/D.Sc./D'Lit. | Year of<br>Recognition as<br>Research Guide | Is the teacher still serving the institution/If not last year of the service of Faculty to the Institution | Name of the scholar    | Year of<br>registration of<br>the scholar | Title of the thesis for scholar  |
|---|---|--|---|--|------------------------|---|--|
| Dr.GATTAMANENI LAKSHMI<br>NARAYANA RAO  | Ph.D  | YES  | 2009  | NO   | A.PRAVEEN              | 2012                                      | EXPERIMENTAL INVESTIGATION ON DI<br>DIESEL ENGINE BY USING NANO<br>ADDITIVE CALOPHYLLUM BIO DIESEL<br>BLENDS WITH EXHAUST GAS<br>RECIRCULATION |
|   |   |  |   |  | VENKATA MALLIKARJUNA M | 2012                                      | PERFORMANCE AND EMISSIONS EVALUATION OF DI COMPRESSION IGNITION ENGINE FUELLED WITH BLENDS OF BIODIESEL EXTRACTED FROM MAHUA OIL               |
|   |   |  |   |  | VENKATA RAMESH MAMILLA | 2009                                      | PERFORMANCE COMBUSTION AND EMISSION EVALUATION OF DI COMPRESSION IGNITION ENGINE FUELLED WITH DIESEL AND BIO DIESEL BLENDS                     |
| Dr.JEGADEESAN   | Ph.D  | YES  | 2020  | YES  | R.VENKATESHWARLU       | 2020                                      | BANDWIDTH ALLOCATION AND ENERGY EFFICIENT PACKET SCHEDULING IN WIRELESS NETWORKS WITH QUALITY OF SERVICE CONTROL SYSTEM                        |
| Dr.ASHOK KUMAR SRINIVASAN   | Ph.D  | YES  | 2016  | YES  | R.SREELAXMI            | 2014                                      | Design and Analysis of Low profile<br>wearable antennas using Flexible and<br>Non Flexible substrates  |
|   |   |  |   |  | P.SANMUGA SUNDARAM     | 2016                                      | DESIGN AND DEVELOPMENT OF<br>ELECTROMAGNETIC BANDGAP<br>STRUCTURE BASED ANTENNAS FOR<br>UWB/ISM BAND APPLICATIONS                              |
|   |   |  |   |  | D.DILEEPAN             | 2016                                      | Design of Compact CPW fed Multiband<br>antennas for WLAN,WIMAX,and Sub-6<br>GHz 5G Applications  |
|   |   |  |   |  | S.GOPAL REDDY          | 2018                                      | POWER QUALITY IMPROVEMENT USING COUSTAM POWER DEVICES  |
|   |   |  |   |  | T.PRAVEEN KUMAR        | 2019                                      | VOLTAGE STABILITY IN GRID CONNECTED PV SYSTEM  |

| 1                     | 1    | 1   | Ī    | 1   |                      |      |                                  |
|-----------------------|------|-----|------|-----|----------------------|------|----------------------------------|
|                       |      |     |      |     |                      |      | REACTIVE POWER COMPENSATION IN   |
|                       |      |     |      |     |                      |      | A HYBRID RENEWABLE ENERGY        |
|                       |      |     |      |     |                      |      | SYSTEM THROUGH FUZZY BASED       |
| Dr.MANI MANIKANDAN    | Ph.D | YES | 2018 | YES | CH.SATHISH           | 2010 | BOOST CONVERTER                  |
| Dr.Mani Manikandan    | Ph.D | YES | 2018 | YES | CH.SATHISH           | 2019 | DEVELOPMENT OF CUSTOM POWER      |
|                       |      |     |      |     |                      |      | DEVELOPMENT OF CUSTOM POWER      |
|                       |      |     |      |     |                      |      | DEVICE FOR POWER QUALITY         |
|                       |      |     |      |     | D DANAECH            | 2010 | IMPROVEMENT USING FUZZY LOGIC    |
|                       |      |     |      |     | R.RAMESH             | 2019 | CONTROLLER                       |
|                       |      |     |      |     |                      |      | IMPLEMENTATION OF NEW MULTI      |
|                       |      |     |      |     |                      |      | LEVEL INVERTER WITH REDUCED      |
|                       |      |     |      |     | CHANADDUAN           | 2010 | SWITCHES FOR HIGH POWER          |
|                       |      |     |      |     | S.JANARDHAN          | 2019 | APPLICATIONS                     |
|                       |      |     |      |     | CHAIR LAKEED HUGGAIN | 2000 | EPILIPTIC SEIZURE DETECTION,     |
|                       |      |     |      |     | SHAIK JAKEER HUSSAIN | 2009 | LOCALIZATION AND PREDICTION      |
|                       |      |     |      |     |                      |      | BASED ON EEG ANALYSIS            |
|                       |      |     |      |     |                      | 2012 | A LOW POWER CMOS INTEGRATED      |
|                       |      |     |      |     | D.HARIPRIYA          | 2012 | CIRCUIT FOR PROCESSING ECG AND   |
| D W C DAG             | DI D | V56 | 2000 | VEC |                      |      | ARRHYTHMIA DETECTION             |
| Dr.K.S. RAO           | Ph.D | YES | 2008 | YES |                      |      | ACQUISITION AND ANALYSIS OF EEG  |
|                       |      |     |      |     | G.DEEPIKA            | 2009 | SIGNALS FOR PREDICTING EPILIPTIC |
|                       |      |     |      |     |                      |      | SEIZURES-AN SOC PPROACH          |
|                       |      |     |      |     |                      |      | SLEEP STAGE DETECTION AND        |
|                       |      |     |      |     | B.ANUPAMA            | 2013 | CLASSIFICATION USING EMPIRICAL   |
|                       |      |     |      |     |                      |      | MODE DECOMPOSITION               |
| Dr.RAJESH GUNA        | Ph.D | NO  |      | YES |                      |      |                                  |
| Dr. M. SUJATHA        | Ph.D | NO  |      | YES |                      |      |                                  |
| Dr. DAVA SRINIVAS     | Ph.D | NO  |      | YES |                      |      |                                  |
| Dr.A.SUBBARAMI REDDY  | Ph.D | NO  |      | NO  |                      |      |                                  |
| Dr. N UMAPATHI        | Ph.D | NO  |      | YES |                      |      |                                  |
| Dr. G.KARTHIK         | Ph.D | NO  |      | YES |                      |      |                                  |
| Dr.K.VENUGOPAL RAO    | Ph.D | NO  |      | YES |                      |      |                                  |
| Dr.SRIDHAR GADDAM     | Ph.D | NO  |      | YES |                      |      |                                  |
| Dr.J.LAXMI RAJASHEKAR | Ph.D | NO  |      | YES |                      |      |                                  |
| Dr. DASARI RAVINDER   | Ph.D | NO  |      | YES |                      |      |                                  |
| Dr. K. RAMESH         | Ph.D | NO  |      | NO  |                      |      |                                  |
| DR. A. MANJULA        | Ph.D | NO  |      | YES |                      |      |                                  |

PRINCIPAL

Jyothishmathi Institute of Technology & Science Karimnagar.