

**Jagarlamudi Kuppaswamy Choudary College (Autonomous), Guntur – 6**  
**Reaccredited at A level by NAAC 3.2 CGPA.**

**Research Articles Published by Teaching Staff in Books / Journals in Academic Year 2017-18.**

| S.No.  | Name of the Faculty  | Name of the Journal  | International/ National/ Local | Vol. No. Year of Publication / ISSN / ISBN Number | Title of the Paper   |
|--|----------------------|--|--------------------------------|---|--|
| <b>Dept. of Computer Science &amp; Electronics</b> |                      |  |                                |   |  |
| 1  | Dr. Y. Suresh Babu   | Computer trends and Technology (IJCTT)   | International                  | Vol. 48 No. 2017                                  | Flexible Approach for Data Mining Using Grid based Computing Concepts                  |
| 2  | Dr. Y. Suresh Babu   | Computer Applications  | International                  | (0975-8887)<br>Vol. 160-No-2, 2017                | A Survey on Network Routing Protocols in Internet of Things(IOT)                       |
| 3  | Dr.T.Anuradha        | Computer & Mathematical Science  | International                  | IJCMS,Vol.6<br>Issue11                            | A Novel Approach to Analyze the Mishap Count using Clustering and Statistical Approach |
| <b>Dept. of Commerce</b>                           |                      |  |                                |   |  |
| S.No.  | Name                 | Journal and year of publication  | International/ National        | ISSN / ISBN Number                                | Title of Paper presented   |
| 1  | M.APPARAO            | IJMART-Sep-2017  | International                  | ISSN :2349-2408                                   | Values and ethics in higher education  |
| <b>Dept. of Economics</b>                          |                      |  |                                |   |  |
| Sl No  | Name of the Lecturer | Journal and year of Publication  | National/International         | ISBN CODE   | Title of the Paper   |
| 1  | P.Bharathi Devi      | STC Scholars Vision Annual Journal of Multidisciplinary Studies and Research, Jan-Dec.2016 | International                  | ISSN- 2321-6425, Vol. No.1, Issue. 5              | Urban Poverty and Alleviation Programmes in India                                      |
| 2  | P.Bharathi Devi      | International Journal  | International                  | ISSN 2277-7881, Vo.5, Issue –                     | Higher Education- Some Issues  |

|                                       |                             |   |                               |   |   |
|---------------------------------------|-----------------------------|---|-------------------------------|---|---|
|                                       |                             |   |                               | 12(6),Dec. 2016   |   |
| 3                                     | P.Bharathi Devi             | International Journal ,<br>Jan. 2017                      | International                 | ISSN; 2348-7666,<br>Vol.No. 4, Issue<br>1(3), Jan. 2017         | Unemployment in India –<br>Government Programmes  |
| 4                                     | P.Bharathi Devi             | STC Scholars Vision,                                      | National                      | ISSN; 23212-<br>6425, Vol. 1,<br>Issue No.6, Jan.-<br>Dec. 2017 | Problems of Rural India –<br>Government Programmes<br>for Rural Development                       |
| <b>Dept. of Zoology</b>               |                             |   |                               |   |   |
| <b>SI No</b>                          | <b>Name of the Lecturer</b> | <b>Journal and year of<br/>Publication</b>                | <b>National/International</b> | <b>ISBN CODE</b>  | <b>Title of the Paper</b>   |
| 1                                     | Dr.K. Daniel                | world journal of<br>pharmaceutical<br>research , OCT 2017 | International                 | 2277–7105.  | Determination of Moisture<br>from Chillies and Chilli<br>powder by Dean stalk<br>Apparatus method |
| 2                                     | Dr.K. Daniel                | world journal of<br>pharmaceutical<br>research, JAN 2018  | International                 | 2277–7105.  | Anticancer activity and ant<br>Diabetic activity of<br><i>Aspergillus stereus</i> AF1             |
| <b>Dept. of Bio-Tech MicroBiology</b> |                             |   |                               |   |   |
| <b>SI No</b>                          | <b>Name of the Lecturer</b> | <b>Journal and year of<br/>Publication</b>                | <b>National/International</b> | <b>ISBN CODE</b>  | <b>Title of the Paper</b>   |
| 1                                     | Dr.M.Guravaiah              | world journal of<br>pharmaceutical<br>research            | International                 | 2277–7105.  | Determination of Moisture<br>from Chillies and Chilli<br>powder by Dean stalk<br>Apparatus method |
| 2                                     | Dr.M.Guravaiah              | world journal of<br>pharmaceutical<br>research            | International                 | 2277– 7105  | Anticancer activity and ant<br>Diabetic activity of<br><i>Aspergillus stereus</i> AF1             |
| 3                                     | Dr.M.Guravaiah              | IOSR Journal of<br>Biotechnology and<br>Biochemistry      | International                 | <b>IOSR-JBB</b> ,2455-<br>264X                                  | Antioxidant Activity of<br><i>Apergillus Stereus</i> AF1  |
| <b>Dept. of Chemistry</b>             |                             |   |                               |   |   |
| 1                                     | Dr.P.Sridhara Babu          | International Journal of<br>ChemTech Research,<br>2017    | International                 | 2455-9555<br>Vol.10 No.7 pp<br>286-297                          | Determination of Ascorbic<br>acid content in<br>conventionally grown fruits                       |

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|-------------------------|--------------------|--|---------------|------------------|---|
|                         |                    |  |               |                  | and vegetables by colorimetry   |
| 2                       | Dr.P.Sridhara Babu | World journal of pharmaceutical research 14th January, 2018                                      | International | 2277-7105        | Determination of moisture from chillies and chilli powder by Dean stalk Apparatus method  |
| 3                       | Dr.M.Gowri Sankar  | Journal of solution chemistry,2018   | International | ----             | Thermophysical and spectroscopic properties of binary liquid systems.   |
| 4                       | Dr.M.Gowri Sankar  | Journal of solution chemistry,2018   | International | -----            | Studies on associate solutions.. Evalution of thermodynamic parameters of blends of 2-methyl aniline and substituted ethanols at various temperatures   |
| <b>Dept. of Physics</b> |                    |  |               |                  |   |
|                         | Dr.K.Sambasiva Rao | IOSR Journal of Applied Chemistry (IOSR-JAC) e-Volume 10, Issue 7 Ver. II (July. 2017), PP 12-27 | International | ISSN: 2278-5736. | Electron Releasing Effect on the Thermodynamic and Transport Properties of Liquid Mixtures at Various Temperatures  |
|                         | Dr.K.Sambasiva Rao | ARPJ Journal of Engineering and Applied Sciences. VOL.12.NO.21. Nov.2017                         | International | ISSN1819-6608    | Excess Molar volumes, Speeds of sound and viscosities for binary Mixtures of 2-Methylaniline with selected Di and tri-Chloro substituted Benzene at various temperatures – Comparision with Prigogine-Flory Patterson Theory. |

Papers Presented by Teaching Staff at National / International Seminars in Academic Year 2017-18.

| S.No.  | Name of the Faculty | Date of Seminar                               | Name of the Institution that organized seminar   | National/ International | Title of the Paper   |
|--|---------------------|---|--|-------------------------|--|
| <b>Dept. of Computer Science &amp; Electronics</b> |                     |   |  |                         |  |
| 1  | Dr. T.Anuradha      | 24/03/2017                                    | Chirala Engineering College, Chirala   | International           | Big Data Technologies for predicting epidemics and Enhancing the quality of Human Life   |
| 2  | Dr. T.Anuradha      | 26/11/2017                                    | Institution of Electronics and Telecommunication Engineers,1st cross road,Bellary Roag Bengaluru , Karnataka | International           | A Novel Approach to Analyze the Mishap Count using Clustering anda Statistical Approach  |
| 3  | Dr. Y. Suresh Babu  | 23/12/2017 & 24/12/2017                       | IIT, Bhubaneswar   | International           | An Analytical Approach of Cloud Forensic Tools During Cyber Attacks In Cloud             |
| <b>Dept. of BioTechnology &amp; Micro Biology</b>  |                     |   |  |                         |  |
| 1  | Dr.M.Guravaiah      |   |  | International           | Determination of Moisture from Chillies and Chilli powder by Dean stalk Apparatus method |
| <b>Dept. of Botany</b>                             |                     |   |  |                         |  |
| 1  | K.ROHINI LATHA      | 05-06-2017 - 09-06-2017                       | JKC College, Guntur  |                         | New parameters in Quality Higher Education   |
| 2  | K.ROHINI LATHA      | 24-06-2017                                    | JKC College, Guntur  |                         | Cluster system in UG courses   |
| 3  | K.ROHINI LATHA      | 23-01-2018                                    | JKC College, Guntur  |                         | Emerging trends in Immunotechniques  |
| 4  | CH.MEREENA          | 23-01-2018                                    | JKC College, Guntur  |                         | Emerging trends in Immunotechniques  |
| <b>Dept. of Commerce</b>                           |                     |   |  |                         |  |
| 1  | M.APPARAO           | 5 <sup>TH</sup> &6 <sup>TH</sup> January 2018 | KBN (autonomous) College Vijayawada-1  | International           | An impact of Goods and Service Tax on Indian economy                                     |
| 2  | M.APPARAO           | 1 <sup>st</sup> September 2017                | VSR& NVR (autonomous) college Tenali.  | National                | Values and Ethics in Higher Education  |

| <b>Dept. of Economics</b> |                             |                          |   |                                    |  |
|---------------------------|-----------------------------|--------------------------|---|------------------------------------|--|
| <b>Sl No</b>              | <b>Name of the Lecturer</b> | <b>Date</b>              | <b>Institution Organized</b>  | <b>National/<br/>International</b> | <b>Title of the Paper</b>  |
| 1                         | P.Bharathi Devi             | 28/1/2017 &<br>29/1/2017 | Dept.of Economics, Kakatiya<br>University, Warangal                       | International                      | Unemployment in India –<br>Government Programmes   |
| 2                         | P.Bharathi Devi             | 3/2/2017 &<br>4/2/2017   | Dept.of . Management<br>Studies, St.Theresas’ College<br>for women, Eluru | International                      | Tourism in Sunrise State –<br>Andhra Pradesh   |
| 3                         | P.Bharathi Devi             | 27/3/2017 &<br>28/3/2017 | Dept. of Economics, Acharya<br>Nagarjuna University                       | National                           | Impact of Digitalisation on<br>informal sector of India  |
| 4                         | Dr D.S Sankara Rao          | 30/6/2017                | KBN college. Vijayawada   | National                           | Challenges to Humanism   |
| 5                         | Dr D.S Sankara Rao          | 21/7/2017 &<br>22/6/2017 | KBN college. Vijayawada   | National                           | Empowerment of women<br>through MGNREGA  |
| <b>Dept. of Physics</b>   |                             |                          |   |                                    |  |
| 1                         | Ch.Ram Prasad               | 1st & 2nd<br>December    | K.V.R.College, Nandigama  | National                           | Studies on thermodynamic and<br>transparent properties of liquid<br>mixtures of 3-methyl and<br>ketones at various<br>temperatures.  |
| 2                         | Dr.K.Sambasiva Rao          | 1st & 2nd<br>December    | K.V.R.College, Nandigama  | National                           | The Influence of Bi <sub>2</sub> O <sub>3</sub> on<br>spectroscopic and<br>structural properties of CaO-<br>Bi <sub>2</sub> O <sub>3</sub> -B <sub>2</sub> O <sub>3</sub> glasses doped with<br>Sm <sup>3+</sup> ions. |