

## Department of PG Chemistry

### Annual Report : 2018-2019

#### Curricular activities:

- ❖ Dept of PG Chemistry organised a Guest lecture on " Career prospects and opportunities with Chemistry" on Nov 16<sup>th</sup> By Prof. M. Vithal, Dept of Chemistry, Osmania university, Hyderabad.



- ❖ On 23<sup>rd</sup> Feb all the students and staff attended National work shop on “ Geospatial technology – Applications and trends”.

- ❖ Guest lecture: Dr CA Jyothirmayee delivered a guest lecture on " Stereochemistry of Organic compounds" at KBN College, Vijayawada on 15<sup>th</sup> Feb 2019.



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**Board of Studies:**

- ❖ KBN PG Autonomous College, Krishna university – PG Chemistry 2018-19
- ❖ Sir CRR Autonomous Degree college, AKNU 2018-19



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- ❖ Guest lecture by Dr KA Immanuel from Sir CRR College, ELURU. on Spectroscopy

### **Cocurricular activities:**

- ❖ Participated in AKNU PGCET Counselling from June 9<sup>th</sup> 2018
- ❖ The college Reopened for all the P.G Courses On 18<sup>th</sup> June 2018. P.G Union office bearers elections were conducted on 27<sup>th</sup> June 2018, Lakshmi Manogna of II M.Sc. Chemistry was elected as a P.G Union Treasurer.
- ❖ College Union Inauguration was celebrated on 5<sup>th</sup> July 2018.
- ❖ On 16<sup>th</sup> July, all the staff and students have gathered for Holy mass.
- ❖ The orientation programme was conducted for all the P.G first year students on 18<sup>th</sup> July.
- ❖ St. Ann's Feast was celebrated on 25<sup>th</sup> July organised by PG Che & PG Phy departments.
- ❖ Freshers day was conducted on 31<sup>st</sup> July
- ❖ On 1<sup>st</sup> Aug 2018 I MSc and II MSc students are taken to Wanbury Pharmaceuticals limited to create awareness the importance of R & D and QC.





### **Extracurricular activities:**

- ❖ On 13<sup>th</sup> August 2018, Kekule club was inaugurated, Students presented papers on “the importance of Chemistry in our daily life”
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- ❖ From 5-11<sup>th</sup> Dec 2018 Final year students attended JKC Classes by Nandi foundation
- ❖ On 12<sup>th</sup> Dec 2018, Students and staff gathered for club activity Students presented papers on “Importance of Nanotechnology”
- ❖ 2<sup>nd</sup> Feb Placements conducted by Siddhardha college
- ❖ 5<sup>th</sup> Feb Placements conducted by Srichaitanya techno school
- ❖ Students and staff of PG Organic chemistry gathered for Kekule club on 16<sup>th</sup> Feb and organized quiz program on “Depletion of Ozone layer”.
- ❖ On 9<sup>th</sup> Mar 2019 – students and staff gathered for club activity and students presented their views on “ Women as role models”.
- ❖ We have planned to send present first year students to Pharma industry during summer holidays as a part of Project work.

### **Seminars attended:**

- Dr CA Jyothirmayee attended UGC sponsored two day **National symposium** on "Emerging trends in Organic chemistry" on 27<sup>th</sup> & 28<sup>th</sup> Nov and presented a paper at KBN College, VJA.

- Dr CA Jyothirmayee attended an **International conference** on " Innovative domains of Mathematics and Digital Technology" on 27<sup>th</sup> & 28<sup>th</sup> Nov at Ch SD St Theresa's college for women. and presented a paper on " Linear correlation and quality of drinking water in Pedapadu mandal, West godavari district, AP, India
- Dr CA Jyothirmayee, attended UGC sponsored **International seminar** on " Nanotechnology for the future energy challenges" on 18<sup>th</sup> Dec 2018 at PB Siddhartha college of Arts and science, Vijayawada.
- Dr CA Jyothirmayee, attended UGC sponsored one day **International seminar** on" Technologies and innovations for societal advancement" at Adusumilli Gopalakrishnaiah and sugarcane growers Siddhartha degree college of Arts and Science, Vuyyuru on 20<sup>th</sup> Dec 2018 and presented a paper on "Nano diamond and it's applications".
- Dr CA Jyothirmayee attended an **International seminar** on " Contemporary South asian literature: Gender and environment" on 24<sup>th</sup> & 25<sup>th</sup> Jan at Ch SD St Theresa's college for women.
- Dr CA Jyothirmayee attended a **workshop** on "' Applications Of Quantum Mechanics To Optics" at KBN College, VJA on 1<sup>st</sup> & 2<sup>nd</sup> Feb 2019.
- Dr CA Jyothirmayee attended a **National seminar** on" Empowerment of women: Recent trends and challenges" at Sir CRR College on 8<sup>th</sup> Feb 2019 and presented a paper on " History of some Indian women in Science and Technology" .
- Dr CA Jyothirmayee, Mrs ARNL Sirisha & Ms Y. Rajani attended one day **National seminar** on " Cybercrimes and women – Precautions and strategies" on 19<sup>th</sup> Mar at Ch SD St Theresa's college for women and presented a paper on "Impact of cybercrime on Indian women".

## LIST OF PUBLICATIONS

### Published

SNo	Name	Title of the Paper
1	Dr CA Jyothirmayee	" Linear correlation and quality of drinking water in Pedapadu mandal, West godavari district, AP, India. International journal of Management, Technology and Engineering ISSN No : 2249-7455 Vol- 8, Issue- XII Dec 2018

		Page no: 59-67
2	Dr CA Jyothirmayee	Professional ethics to inculcate the culture of Personal and Social responsibility. STC Scholars vision Vol -7, Issue no-1, ISSN No; 2321-6425, Jan- dec 2018 Page. No: 112-115 Impact factor: 4.31( AE Global index)
3	Dr CA Jyothirmayee, Mrs ARNL Sirisha & Ms. Y Rajani	"Impact of cybercrime on Indian women". International Journal of Research www.ijrpublisher.com IJR Journal, ISO Certified journal, Vol-VIII, Issue- I, ISSN No:2236-6124, Mar 2019 Page No: 138- 141 Impact factor : 5.7
4	Dr CA Jyothirmayee	Unrecognized Indian women scientists in Science and Technology Journal of Emerging technologies and innovative Research(JETIR) UGC No:63975 & ISSN: 2349-5162 Mar 2019 Page:231 Impact factor : 5.7
5	Dr CA Jyothirmayee	Advances in solid state lighting Journal of Emerging technologies and innovative Research(JETIR) UGC No:63975 & ISSN: 2349-5162 April 2019 Page: 25-27 Impact factor : 5.7

**Accepted**

SNo	Name	Title of the Paper
1	Dr CA Jyothirmayee	Resolving energy crisis through energy harvesting Ideal college, Kakinada
2	Dr CA Jyothirmayee	" History of some Indian women in Science and Technology" Sir CRR College, Eluru
3	Dr CA Jyothirmayee	KGRL College, Bhimavaram