

## Department of PG Chemistry

### Annual Report : 2017-2018

#### Curricular activities:

- ❖ The college Reopened for all the P.G Courses On 19<sup>th</sup> June 2017. P.G Union office bearers elections were conducted on 27<sup>th</sup> June 2017, M. Raji Anupama of II M.Sc. Chemistry was elected as a P.G Union Treasurer. The orientation programme was conducted for all the P.G first year students on 28<sup>th</sup> June.
- ❖ All the staff and students have attended the “International Conference on Recent Advancement in Technical fields of Computer Science and Mathematics”, ICRAFTECM-2017, on 21<sup>st</sup> & 22<sup>nd</sup> August 2017.
- ❖ College Union Inauguration was celebrated on 5<sup>th</sup> July 2017. St. Ann’s Feast was celebrated on 25<sup>th</sup> July.
- ❖ All the staff members have attended the Two day Seminar on “Effective Teachers are Principle Centered”, by Rev. Dr. Joe Arimpoor and Mr. Abhishek John, Don Bosco Animation & Research Kendra, New Delhi, on 3<sup>rd</sup> & 4<sup>th</sup> October,
- ❖ On 10<sup>th</sup> February all the staff & students attended the International Multidisciplinary Research Conference on Women in 21<sup>st</sup> century “Challenges and opportunities”.
- ❖ Dr Jagan Mohan Reddy, Asst Prof, AKNU delivered a Guest lecture on “Methodologies in Asymmetric synthesis” for I & II Year MSc Chemistry students on 16<sup>th</sup> Feb 2018.



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- ❖ Dr CA Jyothirmayee attended BOS Meeting as Subject Expert at KBN College, Vijayawada on 23<sup>rd</sup> Jan 2018.



- ❖ Dr K. Kiran Kumar, Asst Prof, KBN College, VJA gave a Guest lecture on “ Group theory and applications to Chemistry” on 20<sup>th</sup> Feb 2018.



- ❖ Guest lecture by Mr K Naga Raju, Sir CRR Pharmacy college, ELURU on “ Chromatography”.



❖ Guest lecture by Dr CA Jyothirmayee at DNR College, Bhimavaram.



#### **No of Projects:**

1. Completed Project : Principal Investigator for a Major Project Sponsored by **Government of India, Ministry of Science and Technology, Department of Science and Technology** project entitled “**Assessment of the Quality of Drinking Water Sources in the upland areas of the West Godavari District, Andhra Pradesh**” under **DST/TMC/WTI/2K14/194**. The cost of the project is Rs 22,89,000/- for a period of 24 months.

#### **Board of Studies:**



1. KBN PG Autonomous College, Krishna university – PG Chemistry 2017-18 ( 06.07.2017 )
2. Sir CRR Autonomous Degree college, AKNU 2017-18 ( 19.07.2017)

### Cocurricular activities:

- ❖ On 3<sup>rd</sup> August 2017, Kekule club was inaugurated, in this Quiz programme was conducted for the students by the club office bearers. On 7<sup>th</sup> August, all the staff and students have gathered for Holy mass. I mid semester examinations are conducted on 8<sup>th</sup> -11<sup>th</sup> August 2017.



- ❖ Students and staff of PG Organic chemistry gathered for Kekule club on 29<sup>st</sup> Aug and discussed on the " Importance of Green Chemistry in day today life".



- ❖ Awareness program on “Dental Hygiene” was presented by by Dr.Akhila Devi, Tejus Dental Clinic Eluru, on 30<sup>th</sup> August 2017. All the students and staff have attended
- ❖ On 5<sup>th</sup> September, Jubilee Celebrations of Major Dr.P.Mary Celine Rose was celebrated by all the departments of P.G Courses.

**Extracurricular activities:**

- ❖ On 26<sup>th</sup> November on campus drive was organised by Sri Chaitanya Techno School. All the II M.Sc. Organic Chemistry students participated and 18 members got selected.
- ❖ On 27<sup>th</sup> January 2018, Campus drive was organized by AKRG School Nallajerla, fifteen students from second M.Sc. Chemistry have attended and three members got selected.
- ❖ International women’s day was celebrated on 8<sup>th</sup> March 2018. Students expressed their views on Women empowerment and gender equality.
- ❖ Quiz program was conducted by the Kekule club President Ms Mariya Mathew on 8<sup>th</sup> March.

**LIST OF PUBLICATIONS**

SNo	Name	Title of the Paper
1	Dr CA Jyothirmayee	E- Governance – It’s applications and strategies in India, Impact factor :3.532 Primax International Journal of Marketing( PIJM), Vol – IV, Issue- 2, Jan- June 2017, ISSN: 2348-0491, Page 82-86
2	Dr CA Jyothirmayee	Group theory and it’s applications to Chemistry( IJARTET) International Journal of Advanced Research Trends in Engineering and Technology Vol -4, Special issue -21, Aug 2017, ISSN: 2394-3785, Page:242-247
3	Dr CA Jyothirmayee	Equations of motion in Integral form ( IJARTET) International Journal of Advanced Research Trends in Engineering and Technology Vol -4, Special issue -21, Aug 2017, ISSN: 2394-3785, Page:7-16
4	Dr CA Jyothirmayee	Velocity Vector field for Fluid flow ( IJARTET) International Journal of Advanced Research Trends in Engineering and Technology Vol -4, Special issue -21, Aug 2017, ISSN: 2394-3785, Page: 17-25
5	Dr CA Jyothirmayee	Social responsibilities, Essential and effective qualities of a good teacher.( IJMART) International Journal of Multidisciplinary Advanced Research Trends Vol -4, Issue -2 ( 2), Sep 2017, ISSN: 2349- 7408, Page: 101- 107
6	Dr CA Jyothirmayee	Emerging trends in the Indian Higher Education system STC Scholars vision, Impact factor :3.62 Volume No: 1, Issue No: 6, Jan – Dec 2017, ISSN:2321- 6425 Page: 27-30

7	Dr CA Jyothirmayee	Mathematical modeling in other disciplines International Journal of Advanced Research Trends in Management, Technology and Engineering Sciences Vol- 7, Issue – 12, 2017, ISSN: 2249- 7455 Page: 1-5
8	Dr CA Jyothirmayee	Linear correlation and study of ground water quality of Pedapadu mandal, WG Dt, AP, INDIA( Accepted )
9	Dr CA Jyothirmayee	Understanding family structure and women empowerment in India
10	Dr CA Jyothirmayee	Women in Decision making and leadership
11	Dr CA Jyothirmayee	Nano phosphors International Journal of Engineering Science Invention (IJESI) ISSN (Online): 2319 – 6734, ISSN (Print): 2319 – 6726 www.ijesi.org    PP. 04-06
12	Dr CA Jyothirmayee	Materials for Microwave devices International Journal of Engineering Science Invention (IJESI) ISSN (Online): 2319 – 6734, ISSN (Print): 2319 – 6726 www.ijesi.org    PP. 07-10

### LIST OF SEMINARS / WORKSHOPS ATTENDED

#### Dr CA Jyothirmayee

SNo	Title of the Paper	Organisers of the Seminar/ Conference/Workshop	Date & Year
1	E –Governance – It's applications and strategies in India	Primax foundation(R)	7 <sup>th</sup> June 2017
2	Climate change – Risk management	Adikavi Nannaya University	26 <sup>th</sup> -28 <sup>th</sup> July 2017
3	Group theory and it's applications to Chemistry	Ch SD St. Theresa's Autonomous college	21 <sup>st</sup> & 22 <sup>nd</sup> Aug 2017
4	Social responsibilities, Essential and effective qualities of a good teacher.	VSR & NVR College	1 <sup>st</sup> Sept 2017
5	Monitoring of environment in our country	Sir CRR Autonomous College	4 <sup>th</sup> -6 <sup>th</sup> Oct 2017
6	Mathematical modeling in other disciplines	JMJ College, Tenali	16 <sup>th</sup> & 17 <sup>th</sup> Nov 2017
7	Materials of Microwave devices	Sacred Heart College, Tirupattur	29 <sup>th</sup> -31 <sup>st</sup> Jan 2018
8	Linear correlation and study of ground water quality of Pedapadu mandal, WG Dt, AP, INDIA	Andhra Loyola College	31 <sup>st</sup> Jan & 1 <sup>st</sup> Feb 2018
9	Understanding family	Ch SD St. Theresa's Autonomous	9 <sup>th</sup> & 10 <sup>th</sup>

	structure and women empowerment in India	college for women	Feb 2018
10	Nano phosphors	Sir CRR Autonomus College	13 <sup>th</sup> & 14 <sup>th</sup> Feb 2018

**Mrs. S Krishna Kumari**

SNo	Title of the Paper	Organisers of the Seminar/ Conference/Workshop	Date & Year
1		Ch SD St. Theresa's Autonomous college for women	9 <sup>th</sup> & 10 <sup>th</sup> Feb 2018