

**Message from the Principal**

*It is a great Joy to know that the Department of Chemistry is starting its newsletter: e-CHEME. This newsletter will realize the dreams of students and research scholars in publishing their articles. This newsletter being an online endeavor will reach many a students. Department of Chemistry is always known for its high standards in academic and in extra-curricular activities. I wish them all success.*



Rev. Dr. J. K. LAL  
PRINCIPAL

**FACULTY MEMBERS OF CHEMISTRY DEPARTMENT**

S. No	Name	Designation	Specialization	Teaching & Research Experience
(i)	Dr. B.N Tripathi	Associate Professor	Inorganic	43
(ii)	Dr. R. K. Mishra	Associate Professor	Inorganic	42
(iii)	Dr. S. D. Sharma	Associate Professor	Organic	22
(iv)	Dr. Subash P.D.	Associate Professor	Organic	20
(v)	Dr. M.R. Tanveer	Associate Professor	Physical	18
(vi)	Dr. A. K. Eklof	Associate Professor	Organic	18
(vii)	Dr. M. H. Khan	Associate Professor	Organic	16
(viii)	Dr. (Mrs) N. R. Agarwal	Assistant professor	Inorganic	09
(ix)	Dr. C. P. Gupta	Assistant professor	Inorganic	09
(x)	Dr. A. K. Srivastava	Assistant professor	Organic	07
(xi)	Dr. Amit Masih	Assistant professor	Organic	05
(xii)	Dr. J. K. Pandey	Assistant professor	Inorganic	05
(xiii)	Mr. Rohit Srivastava	Assistant professor	Physical	05
(xiv)	Vacant			
(xv)	Vacant			

## **ACADEMIC PROFILE (2012- 2013)**

### **List of Publications**

<b>Dr Amit Masih</b>	<b>05</b>
<b>Dr J. K. Pandey</b>	<b>04</b>
<b>Dr M. R. Tanveer</b>	<b>03</b>
<b>Mr. Rohit Srivastava</b>	<b>02</b>
<b>Dr A. K. Srivastava</b>	<b>02</b>
<b>Dr (Mrs) Namita R. Agrawal</b>	<b>02</b>

### **Presentation in Conference/Congress/Seminar/Symposia**

<b>Dr Amit Masih</b>	<b>06</b>
<b>Dr A. K. Srivastava</b>	<b>05</b>
<b>Dr J. K. Pandey</b>	<b>04</b>
<b>Dr M. R. Tanveer</b>	<b>03</b>
<b>Mr. Rohit Srivastava</b>	<b>03</b>
<b>Dr (Mrs) Namita R. Agrawal</b>	<b>02</b>

### **Workshop Attended**

<b>Dr Amit Masih</b>	<b>02</b>
<b>Dr (Mrs) Namita R. Agrawal</b>	<b>02</b>
<b>Dr S. D. Sharma</b>	<b>01</b>
<b>Dr M. R. Tanveer</b>	<b>01</b>
<b>Dr J. K. Pandey</b>	<b>01</b>
<b>Dr M. H. Khan</b>	<b>01</b>
<b>Dr A. K. Srivastava</b>	<b>01</b>

**Refresher Course Attended**

<b>Dr A. K. Srivastav</b>	<b>01</b>
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<b>Dr C.P. Gupta</b>	<b>01</b>
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<b>Dr (Mrs) Namita R. Agrawal</b>	<b>01</b>
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**Guest Lectures Attended**

<b>Dr A. K. Srivastava</b>	<b>06</b>
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<b>Dr (Mrs) Namita R. Agrawal</b>	<b>02</b>
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<b>Dr Amit Masih</b>	<b>01</b>
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<b>Dr M. R. Tanveer</b>	<b>01</b>
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<b>Dr J. K. Pandey</b>	<b>01</b>
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**Life Membership of Academic/Research Societies**

<b>Dr Amit Masih</b>	<b>10</b>
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<b>Dr A. K. Srivastav</b>	<b>05</b>
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<b>Dr Md. Rashid Tanveer</b>	<b>02</b>
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<b>Dr J. K. Pandey</b>	<b>01</b>
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**Member (Board of Studies, Academic Council, Executive Council)**

**(DDU Gorakhpur University, Gorakhpur)**

**a. Dr B. N. Tripathi**

- 1. Executive Council**
- 2. Academic Council**
- 3. Examination Committee**
- 4. Faculty of Science**
- 5. Board of Studies**

**b. Dr R. K. Mishra**

- 1. Executive Council**
- 2. Board of Studies**

**c. Dr S. D. Sharma**

- 1. Board of Studies**

**d. Dr Md. R. Tanveer**

- 1. Board of Studies**

**e. Dr M. H. Khan**

- 1. Board of Studies**

## STAR Departmental Activities

1. Prof. R. D. Singh Memorial Lecture Series was organized by the Department on Nov. 26, 2012 on the Topic "Electrochemical Polymerization of Conducting Polymers". Lecture was delivered by Prof. Jshwar Das, Head, Chemistry Department, DDU Gorakhpur University, Gorakhpur.
2. Star Lecture Series I was organized by the Department on March 19, 2013 on the Topic "Alkene Metathesis". Lecture was delivered by Prof. Nizamiddin, Associate Professor, Chemistry Department, DDU Gorakhpur University, Gorakhpur.
3. Star Lecture Series II was organized by the Department on March 22, 2013 on the Topic "Introduction to ESR". Lecture was delivered by Prof. R. L. Prasad, Chemistry Department, BHU, Varanasi.
4. Star Lecture Series III was organized by the Department on April 20, 2013 on the Topic "Biological Aspects of Organometallic Chemistry". Lecture was delivered by Prof. R. K. Dubey, Chemistry Department, Allahabad University, Allahabad.

## Extra Ordinary Achievements of the Department

1. Dr. Amit Masih has presented a paper in the 31<sup>st</sup> American Association for Aerosol Research (AAAR)-2012, at Minneapolis, Minnesota, USA from October 08-12, 2012
2. Dr. Amit Masih has presented a paper in the Indo-Italian Workshop on "Technological Solutions for Environmental Sustainability" at NEERI Nagpur from March 5-6, 2013

## **Department of Industrial Chemistry**

**(Session: 2012-2013)**

**Established: July, 2006 (Permanently affiliated to DDU Gorakhpur University)**

➤ **Courses offered:**

1. **Three years Degree Course**
2. **One year Diploma Course**

➤ **In-charge of the Department:** **Dr Md. Rashid Tanveer**

➤ **Name of the Faculty Member:** **Dr Shoeb Ahmad Ansari**

➤ **Facilities Available:**

1. **Smart Lecture Theater with capacity for more than 150 students.**
2. **Well Established Laboratory with capacity for more than 120 students.**
3. **Very rich Departmental Library alongwith Reading Room.**
4. **Free Internet (Wi Fi) facility for teachers.**
5. **Advance Instrumentation Centre with highly Sophisticated Modern Instruments like Soxhlet Extraction Unit, Ultrasonic Bath Extractor, Laminar Flow, Muffle Furnace, B.O.D. Incubator, Electronic Balance, Double Distillation Assembly, pH Meter, Conductivity Meter, Refractometer, Potentiometer, Flame Photometer, Spectrophotometer, Colorimeter. etc.**

➤ **No. of students admitted :**

<b>B.Sc I</b>	<b>:</b>	<b>80</b>
<b>B.Sc II</b>	<b>:</b>	<b>40</b>
<b>B.Sc III</b>	<b>:</b>	<b>20</b>
<b>Diploma in Industrial Chemistry</b>	<b>:</b>	<b>227</b>



➤ **Extracurricular Activities:**

1. Organized one day Educational Tour to visit Sarraiya Distillery, Sardar Nagar for B.Sc. III Industrial Chemistry Students on 17<sup>th</sup> Nov. 2012.
2. Organized one day Educational tour to Butwal, Nepal for students of Diploma in Industrial Chemistry on 20<sup>th</sup> Jan. 2013.
3. Organized one day Educational Tour to visit India Glycol Company, GJDA for B.Sc. I and B.Sc. II Industrial Chemistry Students on 3rd March 2013.

➤ **Educational Activities:**

1. The students of M.Sc. III Semester who have taken admission in Diploma in Industrial Chemistry have submitted their projects on the different topic allotted to them from 15<sup>th</sup> to 25<sup>th</sup> Feb. 2013 for evaluation.
2. The students of B.Sc. III Industrial Chemistry who had visited Sarraiya Distillery have submitted their reports of Educational Tour from 10<sup>th</sup> to 18<sup>th</sup> Feb. 2013 for evaluation.
1. Final Exam of One year Diploma Course was held on 28/2/ 2013.
2. Result of Final Exam of One year Diploma Course declared on 25/4/ 2013.
3. Five Top rankers of final exam of one year diploma course were;
  - a) Nilesk Rai
  - b) Neha Dwivedi
  - c) Shivangi Tripathi
  - d) Salma Khatoon
  - e) Sidra Warsi





### Sarraiya Distillery, Sardar Nagar



### Glycol India Ltd, Gida Gorakhpur





## CHEMICAL SOCIETY

### A Brief History

The Centurion Christian College at Gorakhpur founded by Church Missionaries Society in 1899 has been named after St. Andrew, the first Apostle of Lord Jesus Christ. It has done yeoman's service to the intelligentsia of the eastern part of UP by imparting sound learning up to the highest standard.

The College is having an Association in the Department of Chemistry named Chemical Society (CHEMSO) since 1956. Apart from imparting formal higher education offered by the college, certain other facets of student's personality has to be nurtured. Co-curricular activities like sports, games cultural activities play a major role in the attainment of an all-around persona of a student. CHEMSO provides a platform for students to achieve this informal form of education so that one can be better equipped to face the competitive world thereafter. Keeping these views in mind, lecture series, competitions like debate, quiz, general knowledge (GK), essay writing etc. are being organised under the banner of Chemical Society. These competitions are based on topics of science in general and chemistry in particular.

## Annual Report of the Chemical Society (2012-2013)

It is a matter of great pleasure to present this annual report of the Chemical Society which will give an insight into various activities organized in the chemistry department during the years 2012-13.

### Inauguration Ceremony

Formal inauguration of the society was held on December 10<sup>th</sup> 2012. Prof. Baliram, Department of Chemistry, Banaras Hindu University was the Chief Guest. Dr. (Mrs.) Archana Lal, the first lady of the college was the Guest of Honour. In his speech, Prof. Baliram stressed on the importance of modern techniques employed in higher education and the need of networking with universities and premiere research institutions and laboratories. Dr. B.N. Tripathi, Head of the Department welcomed the guests on behalf of the department. Rev. (Dr.) J.K. Lal, the principal and patron of the Society blessed the gathering in his speech. 'Vote of thanks' was given by Dr. R.K. Mishra. Dr. A.K. Srivastava had been the pivot behind the inaugural function.

### Activities of the Chemical Society

➤ A Debate Competition on the topic "Chemical industries are a curse to the society" was held on December 13<sup>th</sup>, 2012 under the co-ordination of Dr. (Mrs.) N.R. Agarwal and Dr. J.K. Pandey. As many as thirty students participated in the competition. At P.G. level, Lokesh Bhatt, Praveen Kumar and Namrata Singh won first three places respectively. At undergraduate section, Ajeet Gupta stood first, second place was jointly shared by Purna Pandey & Viskali and Anjali Dubey stood third.

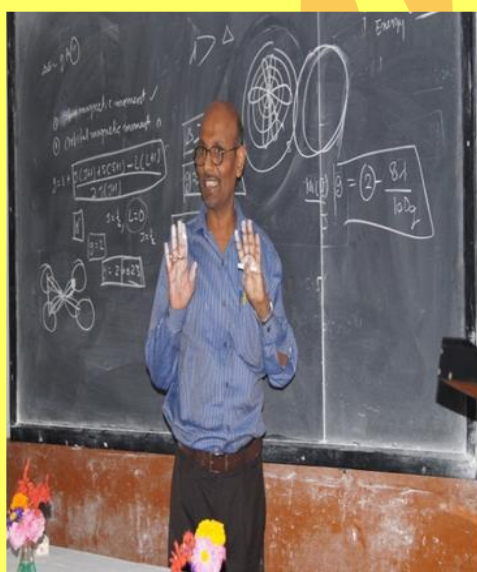
- A GK competition was conducted on December 14<sup>th</sup>. Dr. M.R. Tanveer took the uphill task splendidly. The hard fought winners from the 250 odd participants were Richa who got the first place, Harshita Chaurasia the second place and Pushpendra Kumar Yadav who bagged the third prize. Rajeev Chand Nishad and Vastika Rastogi both of M.Sc. received consolation prizes.
- The Department has a wonderful quiz master, Dr. Amit Masih, who smartly conducted the Quiz Competition along with Dr. Shoeb Ahmad with latest technological assistance. The winning team was led by Rumsa Khan.
- The Essay Competition was organised by Dr. A.K. Eklof and Dr. Rohit Srivastava on Jan-15. There were overwhelming response from students in this competition also. The First three positions at the P.G. level were won by Rajeev Chand Nishad, Lokesh Bhatt and Vartika Rastogi respectively. At the U.G. level Harshita Chaurasia, Bharti and Ajeet Kumar Gupta got the first three positions. The prizes for these competitions were given away in the closing function by the Principal Rev. (Dr.) J.K. Lal.

I hope some reminiscence of these activities would remain in the minds of students who have studied chemistry and associated with the Chemical Society. After all, "Education is what remains after one has forgotten what one has learned in the school". - Albert Einstein.









THE EDITOR

*Dr. Amit Masih*