

About College

The Girraj Government college was established half a century ago in 1956 in Nizamabad and is named in the honor of Sri Giriraj Malji Agrawal. The College is an Autonomous institution affiliated to TU and is NAAC Accredited. Spread in 29 acres the college boasts of institutions like Indira Gandhi National Open University Centre, Prof. Rami Reddy Centre for Distance Education and Dr. B.R. Ambedkar Open University in its Premises with imposing buildings, Lecture halls, well equipped laboratories, Auditorium, Sports facilities, hostel accommodation, Jawahar Knowledge centre (JKC), Placement cell. The college caters to the needs of students from Nizamabad, Karimnagar, Adilabad, Nalgonda and Medak districts and also from Maharashtra. The Institution is the only college conferred with the status of "**College with Potential for Excellence.**" by UGC in 2010 in the entire Telangana region.

The college offers 20 undergraduate and 9 post graduate courses to around 3800 students. It has a team of qualified, committed and service oriented staff, who spare untiring efforts for integrated development of student and the institution. The college is known for imparting value added education. The qualitative and quantitative results of the college substantiate its strength. Keeping in view of the changing trends and values, the dynamism and vision of the faculty made to initiate number of programmes and projects for the benefit of students, empowering them to face challenges of future.

About the Department

The Department of Chemistry was established in 1956 with undergraduate course and was later upgraded to post graduate course with M.Sc. Organic Chemistry. The department has spacious, well equipped and ventilated labs with 11 teaching positions and other non teaching faculty at UG level. The Department conducted workshop for lecturers working in Nizamabad Dt. in 2007. A National seminar on Recent advances in Organic Chemistry was conducted in November 2010. The Department has visiting professors from Osmania, TU and Nanded universities and has completed minor research projects. The Department has visiting professors from Osmania, TU and Nanded universities and has completed minor research projects. The faculty Dept. guides UG students for post graduate entrance examinations of various universities and has pride of being one of the single college with largest number of students entering PG Courses from UG level.

The PG students have always been pioneers with CSIR NET selections and we have very large chunk of students working in Drug and Chemical Industry. The Dept. takes pride with more than 90% students passing out with flying colours every year.

About Nizamabad

Nizamabad city is the head quarter of Nizamabad District. The city is 160 Km by Road / Rail from Hyderabad. Well connected by 4 lane Express way. The nearest airport is Rajiv Gandhi International Airport at Hyderabad. Quilla Ramalayam, Sarangapur Hanuman Temple, Dharmaram Church, District Museum, Nizamsagar project, Sriramsagar project, Alisagar lift Irrigation project, Pocharam project, Domakonda fort and Basara Temple, abode of Lord Saraswath Devi are few worth seeing sites in and around the district.

Theme of The Seminar

Chemistry is often considered as the central science as its knowledge and principles are used in many fields like physical sciences, supramolecular sciences, environmental science, geo science, pharmaceutical science etc.

Chemistry knowledge is essential in understanding the intermolecular forces of attraction which are responsible for existence of matter. Principles of chemistry provide great help in understanding the biological systems. It is also useful in the design of new materials in material sciences like super conductors. In drug discovery also chemistry plays a major role and principles of chemistry are used in understanding the attraction of drug molecules to the diseased site.

Chemical principles are also helpful in designing new generation computer chips using the graphene derivatives where scientists can make two to ten molecular thickness materials which would help in designing new generation computers.

The aim of the seminar is to create interest and enthusiasm in the students about chemical research and its applications and to inspire them to take up higher education and research in their career.

Subthemes:

1. **Organic synthesis and natural products isolation**
2. **Material science and nanochemistry**
3. **Chemistry in the biological systems**
4. **Supramolecular chemistry**
5. **Host-guest systems**
6. **Solid state chemistry**
7. **Catalysis**
8. **Environmental chemistry**

Call for Papers :

The seminar includes, apart from technical presentation by experts, a session on paper presentation.

1. We invite Abstracts describing original research work and practical experiences. Experimental research on topics of interest related to plastics or polymers.
2. The full length papers should be submitted in MS Word A4 size document. The title of the abstract should be typed in MS Word in bold capital letters in first line.
3. These papers should reach the convener latest by 12 th Sep -2017 by email.

Advisory Committee:

1. Prof. P. Yadagiri Swamy, Osmania University
2. Prof. S.B. Patwari, SRTM University
3. Prof. Y. Jayaprakash Rao, Telangana University
4. Prof. Naseem, Telangana University
5. Dr. A. Nagaraju, Telangana University
6. Dr. B. Sailu, Telangana University
7. Dr. P. Balkishan, Telangana University
8. Sri. D. Umapathi Girraj Govt. College(Retd.)

College Advisory Committee:

1. A. Nagaraja Sharma, HOD., Physics
2. Dr. B. Nagaraju, HOD, Botany
3. Dr. T. Venugopala swamy, HOD, Zoology
4. D. Annapurna, HOD, Biotechnology
5. Bharath Raj, HOD, Electronics
6. K. Dubba rajam, Controller of examinations

Organizing Committee:

Patron in chief: **P. Rammohan Reddy**, M.Sc
Principal, Girraj Govt. College, Nizamabad.

Seminar Convener

Co-Convener

S. Ranga Ratnam

Dr.MD. Abdur Rafeeq

HOD., Chemistry

Asst.Prof. In Chemistry

Organizing Secretaries

Y. Yadagiri Rao

A. Rajesh

Asst.Prof. In Chemistry

Asst.Prof. In Chemistry

Members (Chemistry Faculty)

- | | | |
|---------------------|-----------------|-------------|
| 1. A. Rani | 2. Ms. Sharadha | 3. Juveria |
| 4. O. Mamatha | 5. R. Pavani | 6. Rajasree |
| 7. Sayareddy | 8. Vallabha Rao | |
| 9. D. Maheshwar Rao | 10. Navatha | |
| 11. B. Madhava Rao | | |

Programme Schedule

15th September 2017

- 09.00 - 10.00 a.m. Registration
- 10.00-10.30 a.m. Inaugural Session
- 10.30 - 11.30 a.m. Invited Lecture -1 by
Prof. M. Periasamy
(F.A.Sc.,F.N.A)
University of Hyderabad
- 11.30-12.30 p.m. Invited Lecture -2 by
Prof. T.P. Radhakrishnan
(F.A.Sc.,F.N.A.Sc, F.N.A)
University of Hyderabad
- 12.30 to 1.30 p.m. Invited Lecture - 3 by
Prof. D. Basavaiah
(F.A.Sc.,F.N.A)
- 1.30 to 2.30 **LUNCH**
- 2.30 to 4.30 p.m. Technical Session & Paper Presentations by
Prof. S.B. Patwari
SRTM University
- 4.30 to 5.00 p.m. Valedictory Function

IMPORTANT DATES

1. Last Date for sending abstracts 12-09-2017
2. Last date for Registration 12-09-2017

Seminar Convener

S. Ranga Ratnam
HOD., Dept. of Chemistry
Organizing Committee:

Y. Yadagiri Rao
Asst.Prof. In Chemistry

Co-Convener

Dr.MD. Abdur Rafeeq
Asst.Prof. In Chemistry

Organizing Secretaries

A. Rajesh
Asst.Prof. In Chemistry

e-mail: ggcchemistry123@gmail.com

srratnam.chem@gmail.com
website : www.ggcnczb.ac.in

Registration

The registration fee may be sent through bank draft from any Nationalized bank drawn in favor of Principal, GG College, Nizamabad, Payable at Nizamabad or can be paid in cash on or before 12th Sep - 2017. Accommodation for the out station participants will be provided on payment and prior intimation (9440851556)

Registration Form

National Seminar On CHEMISTRY - THE CENTRAL SCIENCE

Name : _____
Designation : _____
Address : _____
Phone : _____
E-mail : _____
Presenting a Poster Participating in Seminar
Registration Fee details :
Research Scholars / Students : Rs. 100/-
Faculty, Scientists, Manufacturers,
Entrepreneurs and Government Officials : Rs. 500/-
Cash / DD No. _____
Accommodation : Required Not Required

Date : _____

Signature of the Participant

Send To

Department of Chemistry

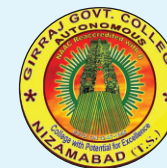
Girraj Govt. College (Autonomous)

College with Potential for Excellence

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Girraj Govt. College (Autonomous)

National Seminar

On

Chemistry - The Central Science

(NSCCS-2017)

Sponsored By UGC

Autonomy Grants

15-09-2017

FRIDAY

(ONE DAY SEMINAR)



Organized by

Department of Chemistry

Girraj Govt. College (Autonomous)
College with Potential for Excellence
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