

## SEMINAR COMPETITION FOR UG

For this year Chemistry Association of Chemistry Department and Environment Science society jointly organized COLLEGE LEVEL SEMINAR COMPETITION FOR UG STUDENTS ON 17<sup>TH</sup> FEB 2017, FRIDAY. For this competition students were given three topic for presentation

1. RADIOACTIVE POLLUTION
2. WIRELESS ENERGY TRANSMISSION
3. BIOLOGICAL WEAPONS

In competition every participant was given 6 min for power point presentation and 2 min for discussion or for solving queries of audience. Mr. Pravin Sayare, Mr. Milind Panchbhai and Miss Anagha Patil were the judges for this competition and gave their valuable suggestion regarding their presentations. 26 students from different groups of BSc participated in this event. Dr. Rajendra R. Tayade was the Coordinator and Dr. Sushama Narkhede was the organizing secretary for this UG seminar competition. The students of organizing committee Mr. Akash Khojare, Miss Nirmal Borkar, Mr. Harish Barewar, Mr. Suraj Ganorkar, Mr. Saurabh Urade and Mr. Shubham Akarte took lot of efforts for making this event successful. Miss. Saniya Siddiqui-First, Miss Ayesha Tazin-Second and Miss. Trupti Moon-Third were the winners of this UG seminar Competition.



**Winners of seminar competition with judges**



**Organizing team**

## SEMINAR COMPETITION FOR PG

Chemistry Association of Chemistry Department organized college level seminar competition for PG students on 18<sup>th</sup> feb 2017, saturday. Dr. Aruna Kawadkar, Dr. Gayatri Phadnaik and Dr. Uday Thool were the judges for this competition and gave their valuable suggestion regarding the presentations. 18 students from different M.Sc disciplines participated in this event. Dr. Rajendra R. Tayade was the Coordinator for this PG seminar competition. The students of organizing committee Mr. Amit Gadre, Miss Anagha Jiturkar, Mr. Jamil Sheikh, Mr. Akash Khojare, Mr. Kohinoor Turkar and Miss. Dhanashree Padghan took lot of effort for making this event successful. Miss. Shagufa Ahmad-First, Mr. Anurag

Sidam-Second, Miss. Juhi Pandharikar-Third and Divya Gupta-consolation were the winner of this UG seminar Competition.

**Felicitation of committee members of CA 2016-17**



**Felicitation of committee members of CA 2016-17**



**Felicitation of quiz Competition topper**



**Felicitation of UG Topper in Seminar Competition**



**Felicitation of B.Sc-I Topper in Aptitude test**



**Felicitation of Seminar Competition PG Topper**



**Inspiring talk of Dr. Dhoke**

**Presidential speech by Dr. Atram**



## Participation of students in other colleges

Academic session 2017-18



Dr.R.G.Atram with winners of Institute of Science, Nagpur in the workshop STATISTICA organized by Hislop College, Nagpur held in March 2018



B Sc I student Mr Saurabh Jaiswal receiving prize in STATISTICA in HISLOP college

## Best Paper Award

Monalisa Mehroliya, research student, Department of Botany received **Late Prof. P.H Gregory award (Young Scientist award)** For best paper presentation

This award was given to **Monalisa Mehroliya** for her joint paper with her guide **Dr. Surekha Kalkar** at Bose Institute, Kolkata in 19<sup>th</sup> NCA on 11<sup>th</sup> Dec 2016



**Ku. Savita Moundekar and Ku. Jui Pandharipande**  
students of

**M.Sc - Environmental Science**

won **Third prize** in

**Inter-Collegiate Science Project Competition**

organized by **Kamla Nehru Mahavidyalaya, Nagpur**

on **22<sup>nd</sup> October 2016.**

**Project topic - Plastic collection and Recycling**



**First Prize in Intercollegiate Mathematics Quiz Competition**

From left to right: Mr. Pravin Sayare, Dr. Batra, Mr. Akshay Ingle, Dr. R.G. Atram (Director), Dr. U.S. Thool, Mr. Adarsh Narendulwar & Miss Snehal Jamdhade



# National Players 2017-18



Name : Zishan M. Kazi  
Class : BSc - III<sup>rd</sup> (PSM)  
Game : Minigolf National  
Event : Single ( Gold )



Name : Tushar M. Patil  
Class : BSc - III<sup>rd</sup> (PSM)  
Game : Minigolf National  
Event : Double ( Silver )



Name : Pawan S. Katkar  
Class : BSc - III<sup>rd</sup> (PSM)  
Game : Minigolf National  
Event : Mix Double ( Silver )



Name : Onker I. Thengne  
Class : BSc - I<sup>st</sup> ( CZEnv)  
Game : Minigolf National  
Event : Mix Double ( Silver )  
Double ( Gold )



Name : Santanu V. Bankar  
Class : BSc - III<sup>rd</sup> (PSM)  
Game : Minigolf National  
Event : Double ( Silver )



Name : Sunny U. Ninawe  
Class : BSc - I<sup>st</sup> (CBZ)  
Game : Minigolf National  
Event : Single ( Silver )



Name : Taitil D. Yele  
Class : BSc - I<sup>st</sup> (CBZ)  
Game : Minigolf National  
Event : Single ( Gold )



Name : Kanchan B. Jivanapurkar  
Class : BSc - I<sup>st</sup> (PSM)  
Game : Minigolf National  
Event :



Name : Apeksha S. Mankar  
Class : BSc - I<sup>st</sup> (PSM)  
Game : Minigolf National  
Event : Mix Double ( Silver )



Name : Nirmohi S Vaidya  
Class : BSc - I<sup>st</sup> (PCM)  
Game : Minigolf National  
Event : Mix Double ( Silver )



Name : Ritu B. Patle  
Class : BSc - I<sup>st</sup> (CBZ)  
Game : Minigolf National  
Event : Team ( Silver )



Name : Godavari G. Borkar  
Class : BSc - I<sup>st</sup> (CBZ)  
Game : Minigolf National  
Event : Team ( Silver )

<b>Criteria II</b>
<b>2.3.1: Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences</b>
Report of Conferences, Seminars, and Workshops organized

# Institute of Science, Nagpur

2013-14

## National Conference on Statistics Mathematics and their Applications

### Advisory Committee

- Prof. M. N. Deshpande, Nagpur  
Former Director & Head, Department of Statistics,  
Institute of Science, Nagpur
- Prof. Anil P. Gore  
Vice-President, Cytel Statistical Software and Services Pvt. Ltd, Pune
- Prof. Shailaja R. Deshmukh  
Prof. & Head, Department of Statistics, University of Pune
- Prof. V. R. Padmawar  
Stat-Math Unit, ISI, Bangalore
- Prof. K. C. Deshmukh  
Head, PGTD of Mathematics & Dean, Faculty of Science,  
RTM Nagpur University, Nagpur
- Prof. R. V. Saraykar  
PGTD of Mathematics, RTM Nagpur University, Nagpur
- Shri . P. V. Dabli  
Former Director, SIMSREE, Mumbai
- Prof. R. Radha  
School of Mathematics & Statistics, University of Hyderabad
- Shri. Tarun Shrivastava  
Principal Systems Analyst, NIC & President, AASCON, Nagpur Chapter

### Organizing Committee

- Shri R. R. Waikar, Nagpur
- Dr. (Mrs). M. M. Nichkawade, Nagpur
- Dr. (Mrs). N. N. Kasturiwale, Nagpur
- Dr. (Mrs). P. R. Singh, Nagpur
- Dr. U. S. Thool, Nagpur
- Prof. S. P. Kane, Nagpur
- Dr. S. H. Ghate, Nagpur
- Prof. Rajesh Singh, Amravati
- Dr. M. B. Kulkarni, Nashik
- Mrs. C. P. Cholkar, Nagpur
- Dr. (Mrs). V. A. Joglekar, Nagpur
- Shri. R. V. Patil, Nagpur
- Mrs. M. A. Pande, Nagpur
- Dr. P. S. Muktibodh, Nagpur
- Shri Rishi Agrawal, Nagpur
- Dr. Sanjay Sarve, Nagpur
- Dr. (Mrs.) Sujata Janardhan, Nagpur



UGC SPONSORED



## NATIONAL CONFERENCE ON STATISTICS, MATHEMATICS AND THEIR APPLICATIONS

(COSMA)

3<sup>rd</sup> & 4<sup>th</sup> JANUARY 2014

Co-sponsors



International Indian Statistical Association  
&  
National Board of Higher Mathematics, Mumbai

Organized by  
Department of Statistics  
&  
Department of Mathematics  
Institute of Science  
Nagpur - 440001



Dear Colleague,

It is a matter of great pleasure to invite you to celebrate the "International Year of Statistics" by participating in the **NATIONAL CONFERENCE ON STATISTICS, MATHEMATICS AND THEIR APPLICATIONS (COSMA)** to be held on 3<sup>rd</sup> and 4<sup>th</sup> **JANUARY 2014** at **Institute of Science, Nagpur**.

### **Institute of Science**

Institute of Science, Nagpur established in 1906 is a premier institute of Central India imparting quality education in eight under graduate, seven post graduate and eight Ph.D. programs.

The Department of Mathematics was established as an undergraduate department initially and upgraded to a post graduate department in 1925. It flourished under the leadership of great mathematicians like Dr. S.C. Dhar, Dr. N.G. Shabde, Dr. S.S. Shrikhande and others. A separate department of Statistics was established in 1955. Under the able guidance of eminent statisticians like Dr. V.P. Godambe, Dr. A.B. Buche, Dr. M.N. Deshpande and others, the department has risen to become one of the best departments that constantly strives to excel both in imparting training and in research. At present both the departments offer UG and PG programs which cater to the needs of nearly three hundred students.

### **Conference Theme**

Mathematics and Statistics have become an integral part of almost every area of life including agriculture, engineering, medicine, management, as well as the physical, chemical, biological and social sciences. The goal of this conference is to provide a common platform to leading academicians, researchers and professionals working in the field of Mathematics and Statistics to share their knowledge about various aspects of these two important branches of Science. The conference will provide an opportunity for technical discussions, reflections and exchange of ideas and perspectives in both theoretical and applied fields of Statistics and Mathematics besides exploring the potential of their applications in new interdisciplinary areas.

The following themes are included but not limited to:

- ◆ Probability Theory
- ◆ Stochastic Modelling
- ◆ Computing and Simulation
- ◆ Operations Research
- ◆ Data Mining & Data Warehousing
- ◆ Statistical Inference
- ◆ Applied Statistics
- ◆ BioStatistics
- ◆ Reliability Theory & Survival Analysis
- ◆ Algebra

- ◆ Analysis
- ◆ Fluid Dynamics
- ◆ Relativity
- ◆ Combinatorics
- ◆ Differential Equations
- ◆ Thermoelasticity
- ◆ Mathematical Modelling

### **Call for Papers:**

Authors are invited to contribute their research papers and send the soft copy of the abstracts by email before the scheduled date. Abstracts of papers should be concise with a maximum limit of 300 words.

Full length papers are to be submitted in Times New Roman, Heading 14 and text font size 12-MS Word format, 1.5 line spacing and A4 size paper setup, with 1.5" margin on all sides with three-four key words.

### **Important dates**

- Last date for receiving abstracts : 30-11-2013
- Intimation of acceptance of abstracts : 10-12-2013
- Full paper submission : 20-12-2013

### **Registration**

Please send the filled registration form with demand draft (DD) drawn in favor of "The Convener, COSMA" payable at Nagpur.

The registration fee may also be directly remitted or transferred online to the following bank account.

- Bank Name : Bank of India
- Branch : R. T. ROAD, Nagpur.
- A/C No. : 870910110003465
- IFSC Code : BKID0008709
- MICR Code : 440013009

If the fee is remitted/transferred online to the above account, a soft/hard copy of the transaction with number should be sent along with the registration form.

### **Registration Fees**

- Faculty / Professionals : ₹ 1000/-; Research Students : ₹ 750/-
- UG /PG Students : ₹ 500/-

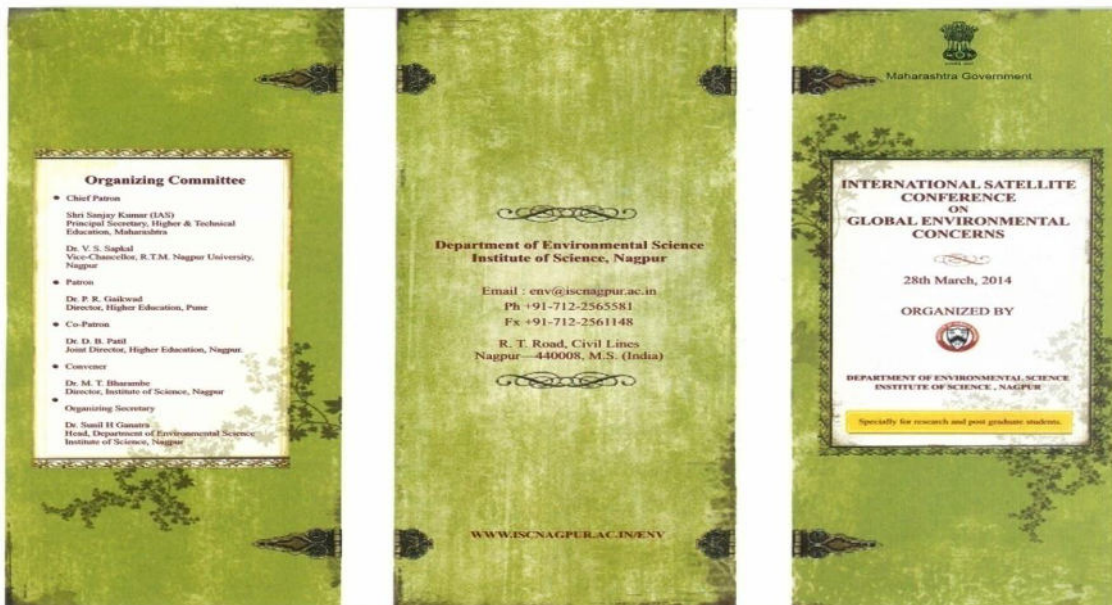
### **Accommodation**

Accommodation will be arranged on request at reasonable rates on payment. Those requiring such facility should contact by 5th December 2013.



**National conference on Statistics, Mathematics and their applications (COSMA) 3<sup>rd</sup> and 4<sup>th</sup> January 2014**

**International Satellite conference on Global Environmental concerns, Department of Environmental Science**





REGISTRATION FORM	INTERNATIONAL SATELLITE CONFERENCE ON GLOBAL ENVIRONMENTAL CONCERNS	
Name : _____	<b>About Conference</b>	
Address : _____	The drastic change in environment of our globe is a major concern. The public interference in the environmental processes brought major global environmental changes.	
Mobile : _____	The human activities like mining, water resource management and urbanization led heavy pressure onto natural processes.	
Email : _____	These anti-environmental activities led us to have global warming, polluted water, air and food. Finally these all leads to the deterioration of public health.	
Affiliation Institute : _____	Health related science has achieved a lot but new diseases, chronic problems in human health still keeping the public health a serious problems due to environmental pollution.	
Department : _____	There is an urgent need to have thorough discussion and actions towards solving public health related problems which are purely due to environmental changes.	
Registration as : <input type="checkbox"/> Student (Post Graduate / Research) <input type="checkbox"/> Teacher delegate	<b>Programs</b>	
Delegate's Signature	Date : 28th March, 2014	
Registration Fees : Student : Rs. 250 /- Teacher Delegate : Rs. 350 /-	10.00 am : Inauguration and Key Note Address	
	<b>First Session</b>	
	11.30 am : Expert Lecture I	
	12.15 pm : Expert Lecture II	
	12.30. Lunch	
	<b>Second Session</b>	
	1.00 pm : Poster Presentation	
	2.00 pm : Expert Lecture III / Paper Reading	
	2.45 pm : Expert Lecture IV / Paper Reading	
	3.30 pm : Tea Break	
	3.45 pm : Panel Discussion	
	4.15 pm : Valedictory Function.	
	4.30 pm : Certificate Distribution	

INTERNATIONAL SATELLITE CONFERENCE ON GLOBAL ENVIRONMENTAL CONCERNS  
At Department of Environmental Science, Institute of Science, Nagpur  
On 20th March, 2014 from 10.00 a.m. onwards.  
For Registration, please visit : <http://www.iscnagpur.ac.in/envi/conference>



Students of B.Sc. Part-I presented the model based on Composting of Solid Waste at International Satellite Conference on “Global Environmental Concerns” March, 2014



# 2nd International Congress of Society for Ethno pharmacology (SFEC 2015) in India

## Sponsorship Brochure



2<sup>nd</sup> International Congress of Society for Ethnopharmacology

Nagpur, India; February 20- 22, 2015

"Validation of Medicinal Plants and Traditional Medicine – Global Perspectives"

Venue: Chitnavis Convention Centre, Civil Lines, Nagpur



### Organizers

**Department of Pharmaceutical Sciences**

Rashtrasant Tukadoji Maharaj Nagpur University  
Nagpur- 440033, Maharashtra, India  
*(Celebrating Diamond Jubilee)*

**Society for Ethnopharmacology, India**

(Affiliated to International Society for Ethnopharmacology, UK)  
23/3 Saktigarh, Jadavpur, Kolkata 700032, India  
[www.ethnopharmacology.in](http://www.ethnopharmacology.in)

[www.sfec2015.com](http://www.sfec2015.com)



Student's participation in 2nd International Congress of Society for Ethnopharmacology (SFEC-2015)



**Students' participation**



The second International Congress of the Society for Ethnopharmacology, India (SFE-India) was organized by Department of Pharmaceutical Sciences, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur, India in association with Society for Ethnopharmacology (India) during February 20-22, 2015 with the theme “Validation of Medicinal Plants and Traditional Medicine – Global Perspectives” and co-organized by Institute of science, Nagpur. The congress has witnessed mammoth gathering of stalwarts from academia, Industry, Research Institutes, Health Practitioners and Research Scholars with the participation of around 1000 delegates. The congress witnessed participation of resource persons and delegates from around 20 different nations from across the globe. About 65 Lectures from eminent speakers, more than 500 Poster and 150 Oral scientific presentations are good enough to highlight the strength of scientific compartment of this congress. Participation of about 40 traditional healers and exhibition of raw material to finished goods from naturals gave silver lining to this conference. Organizing Secretary, Dr. Prakash Itankar gave credit of the success of congress to team of Department of Pharmaceutical Sciences, R.T.M. Nagpur University, and Society for Ethnopharmacology, India and SFE Chapters all across India, all the associate institutions, industries, sponsors, well wishers, delegates and the dedicated team of our beloved Student Volunteers, including students from many pharmacy and Institute of Science, Nagpur.



## One Day Workshop on “Mind power and Brain work”

One Day Workshop on “Mind power and Brain work” by Manashakti Kendra Lonavala organised by Dept. of Botany in association with IQAC, Institute of Science, Nagpur on 31<sup>st</sup> July 2016. The expert lecture was delivered by volunteer of Manashakti Kendra. He explained about setting goal of life. We should set SMART goal. He also threw a light on emotional intelligence. Dr. R. G. Atram chaired the session. 200 students along with faculties of various departments attended the session and took advantage of the session.



**Work shop on Mind power and Brain work by Manashakti Kendra, Lonavala dated 31/07/2015**

## One day Workshop on “Biodiversity and Habitat of Gorewada”



To develop awareness about forests and sustainable forest management among students **Government Institute of Science, Nagpur has organized one day workshop on " Biodiversity and Habitat of Gorewada "** for Post graduate students of **Department of Zoology** in collaboration with Forest Development Corporation of Maharashtra (FDCM) on 20th Feb. 2016 at Gorewada National Park, Nagpur. Dr.R.G.Atram, Director, Institute of Science, Nagpur, inaugurated the workshop. Dr. Gurudeo Kunghadkar and Mr. Rahul Gudhe spoke on qualitative analysis of phytoplankton of the lake and hydro chemical assessment for nitrate content of lake water, respectively. Mr. V. A. Shende also provided important information on snakes, birds as well as other beasts found in this region. Mr V. A. Shende explained identification of poisonous and non-poisonous snakes, rescuing snakes, first aids after snake bite and diversity of snakes in Vidarbha region.

## One day workshop on ARENA software

Arena Simulation Software is the most used Discrete Event Simulation Software in the world. Students who have Arena experience possess a valuable skill sought after by many companies. With Arena training, students are introduced to the principles of simulation which will enhance their problem-solving skills by conducting effective simulation modeling, analysis, and research projects. Simulation concepts are understood quickly and easily through a simple flowchart modeling approach.

Arena is used by many large companies engaged in simulating business processes. Some of these firms include General Motors, UPS, IBM, Nike, Xerox, Lufthansa, Ford Motor Company, and others. Use of statistical software is a must for handling large data sets and for carrying out complex statistical analysis. In view of various advantages and utility of ARENA software, one day workshop on ARENA software was organized by Department of Statistics, Institute of Science, Nagpur on 9th August 2016. Dr. Parag Dhumal, Associate Professor, University of Wisconsin Parkside, Kenosha, United States, was the resource person. All teachers and M.Sc.II students participated in workshop. The workshop was beneficial to all teachers and students.



**Dr Parag Dhumal delivering lecture during ARENA software workshop**



**Two Days Workshop on Personality Development and Soft Skills in  
association with Me2We Organization**



**GOVERNMENT INSTITUTE OF SCIENCE, NAGPUR**

**You are cordially invited for**

**Two Days Workshop**

**on**

**"Personality Development & Soft Skills"**

**Organized by**

**Career counselling & Placement Cell**

**Dept. of Computer Science**

**&**

**Department of Library**

**in association with**

**Me2We**

**23<sup>rd</sup> Sept-2016 11.50 am**

**INAUGURATION**

**at the hands of**

**Mr.P.M. Ballal**

**Guest Speakers**

**Mr. Sachin Burghate**

**International Motivator**

**23<sup>rd</sup> Sept-2016- 12.05 am • Failure; The secret of success**

**24<sup>th</sup> Sept-2016 10 am • Softs Skills**

**President**

**Hon'ble Dr. R. G. Atram**

**Director, Govt. Institute of Science, Nagpur**

**Venue:** - Sabhagruha (Rom no. 45) First floor, Govt. Institute of Science, Nagpur.

**ORGANIZING COMMITTEE**

**Dr. Sujata Deo**  
Organizing Secretary

**Dr. Abhay Khamborkar**  
Co-ordinator

**Dr. Ramdas Lihitkar**  
Convener



Shantanu Gotmare, IAS gracing the dais with his presence



A power packed audience



Appreciation of the entire CCPC committee by the audience.



## One day Workshop on Medicinal Plants

Department of Botany, Institute of Science, Nagpur organised one day workshop on “Medicinal Plants: Cultivation Practices and Uses” at Aura Park, Katalabodi, Ayurvan Foundation, Near Starkey Point, Amravati road, Nagpur. On this occasion Dr. R.G. Atram, Director Institute of Science gave valuable information on importance of medicinal plant used by tribal people. Mr. Ghatate and Mr. Shrekar introduced various rare medicinal plants from different agroclimatic regions to the students. Students were benefitted with the knowledge provided and they have practically observed different medicinal plants and insect biodiversity.. Certificates were distributed to the students at the hands of Dr. R.G. Atram.



Students and faculty members



**AATMAVISHWAS - TWO DAYS INTER-COLLEGIATE WORKSHOP**  
**(3<sup>rd</sup> & 4<sup>th</sup> of February 2017)**  
**ON**  
**PERSONALITY DEVELOPMENT AND CAREER GUIDANCE**

Aatmavishwas, a two days inter-collegiate workshop was organized on 3<sup>rd</sup> and 4<sup>th</sup> February, 2017 on Personality Development and Career Guidance, by Career Counselling and Placement Cell, Library (Knowledge Resource Centre) and Department of Computer Science. A series of lectures of vibrant speakers was organized over the span of two days. The two days' workshop was inaugurated by Dr. Shashikant Choudhary.

The first day had a series of four inspiring lectures. The first one was given by Mrs. Deepali Ghonge on the topic Vivekanand – Ek Yug Purush. She delivered an outstanding performance and all the students were awestruck by her words.

The next session was a technical one which was conducted by Mr. Anil Totade on Industrial Robotics and Cloud Technology.

The third talk was given by our very own Dr. S. H. Ganatra on the topic of Aatmavishwas. He inspired the students with his highly motivated words.

The fourth and last session of the first day was on Managerial Skills of Shivaji Maharaj by the renowned speaker Dr. Sumant Tekade who took the audience by storm.

The second day had a little surprise as an interactive session was announced. Five teams comprising of six students were made from a lucky draw at the end of first day. An interactive session of Group Discussion was conducted by Vaibhav R. R. Chichmalkar which received a highly positive response.

This interactive session was followed by a career guidance session by Narayana IAS Academy who guided the students for the preparation of Civil Services examination.

Then came the most interesting session of the workshop where Nisha Bhandarkar and Suraj Ganorkar had a candid talk with our director Dr. R. G. Atram where he revealed his highly inspiring journey from the Bus Stand to the Director's Chamber.

The Two Day workshop ended with a stellar performance by Mr. Sachin Burghate, who spoke on 'Action Talks'. The audience couldn't stop appreciating his inspiring words by showering continuous rounds of applause.

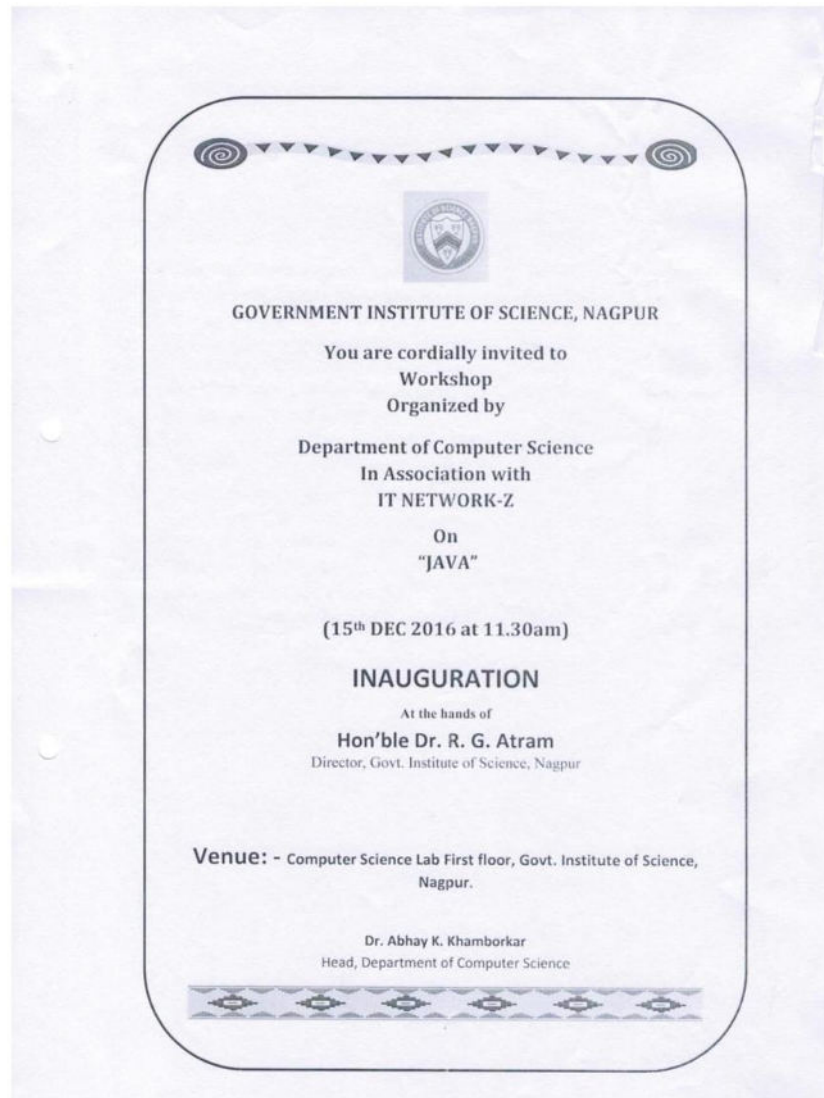








**One day Workshop on “Java” was organized by Computer Science Department in collaboration with IT, Network-Z, Nagpur**



# One day Workshop on “Java” and RED HAT LINUX



GOVERNMENT INSTITUTE OF SCIENCE, NAGPUR

You are cordially invited to  
Workshop  
Organized by

Department of Computer Science  
In Association with  
IT NETWORK-Z

On  
“REDHAT LINUX”

(20<sup>th</sup> FEB 2017 at 11.30am)

**INAUGURATION**

At the hands of

**Hon'ble Dr. R. G. Atram**  
Director, Govt. Institute of Science, Nagpur

**Venue:** - Computer Science Lab First floor, Govt. Institute of Science,  
Nagpur.

Dr. Abhay K. Khamborkar  
Head, Department of Computer Science

## 'TARUNYABHAN'

### THE LIFE SKILL EDUCATION WORKSHOP in Association with

#### Maharashtra Bhushan Dr. Rani Bang's 'SEARCH'

09<sup>th</sup>, 10<sup>th</sup> & 11<sup>th</sup> March 2017

Most of the youngsters today, because of their inquisitiveness and peer influence tend to move towards wrong sources which give them incorrect information about adolescence and sexual behaviors, leading to a disaster in congruent and perhaps lead to disaster in a long run. It is very essential to give them correct and proper information in a scientific and sensitive way so as to prevent them from going towards a wrong track. Bearing in mind this situation of youth 'SEARCH' (Society for Education, Action & Research in Community Health) Gadchiroli designed a program 'TARUNYABHAN'. The content of workshop has been designed by leading gynecologist Maharashtra Bhushan Dr. Rani Bang and facilitator include well known trained person Shri. Dyneshwar Patil, Mrs. Sunanda Khorgade and Shri Rajendra Issasare.

With this relevance Institute of Science decided to organize this three days workshop on **09, 10 & 11 March 2017** in association with Maharashtra Bhushan Dr. Rani Bang's SEARCH organization. In all total **186 participants** registered their name for taking advantage of this workshop.



**INAUGURATION CEREMONEY OF TARUNYABHAN WORKSHOP**





**FELICITATION OF DEGNITARIES**



**HON. DR. RANI BANG AND HON. DR. R.G. ATRAM ADDRESSING IN INAUGURATION**



**STAFF MEMBERS AND STUDENTS ACTIVELY PARTICIPATED IN VARIOUS ACTIVITIES**



## One day Workshop on “Migration of Birds” in Gorewada Bio-park

Forest Development Corporation of Maharashtra Ltd's (F.D.C.M.) Gorewada Project and Institute of Science, Nagpur had organized a Workshop in Gorewada International Bio-park to study, “Migration of Birds” in Gorewada Bio-park on 19<sup>th</sup> January 2017. About 45 N. S. S. Volunteers and the Staff Members of Gorewada Project Participated in the workshop. The Participants also Performed Cleanliness Drive at the site. About 20 species of birds were identified and studied by the participants.



Mr. Shrikant . B. Ukey, Herpetologist, gives demonstration of studying a reptile like a Lizard.  
Miss. Kalpana Chinchkhede (R.F.O., F.D.C.M. Nagpur) guided and explained how to identify the bird species, their Habitats and to prepare the checklist of identified birds..



**Participants at the Workshop Site of Gorewada**

Institute of Science, Nagpur

2017-18

# **Govt. Institute of science**

**Department Of Botany**

**Botany society 2017-18**

**Workshop on Pot making technique**

**Chief Guest: Dr. N. V. Khubalkar**

**Date: 08/03/2018**

**Time: 3:30 p.m. to 4:30 p.m.**

**Venue: Botanical Garden**

*All are cordially invited*

**Prof.N.B.Yemul**  
**(Prof.Incharge)**

*President and Head, Department of Botany*  
*Govt. Institute of science, Nagpur*



**A Report of Workshop on Pot making technique  
In the Department of Botany on 08/03/2018**



**Chief Guest Dr. N. V. Khubalkar delivering lecture on Pot making technique**



**Field Demonstration**



**Students preparing pots**



GOVERNMENT OF MAHARASHTRA

# INSTITUTE OF SCIENCE

R.T. ROAD, CIVIL LINE, NAGPUR-

CARRER COUNCELLING AND PLACEMENT CELL

## निर्धार

- ध्यास ध्येय प्राप्तीचा- Goal Setting

2 DAYS WORKSHOP (18 & 19 Sept 2017)

ON

PERSONALITY DEVELOPMENT AND CAREER GUIDANCE

ORGANIZED BY

CAREER COUNSELLING AND PLACEMENT CELL

IN ASSOCIATION WITH

DEPARTMENT OF LIBRARY

Inauguration at 11:00am by hands of

Mr. Vijay Phanshikar Dr.Jairam Khobragade Dr. R.G.Atram

### 18/09/17, Monday

12.0pm	12:40pm	1.40pm	02.30pm	03:00pm
<b>Dr.Rita Agrawal</b>	<b>Dr.Surendra Gole</b> Self analysis and career planning	<b>Dr.Sanjay C. Raghatate</b> Campus Recruitment and you	LUNCH BREAK	<b>Dr.Sumant Tekade</b> Nirdhar, Aamir Khan in Lagan

### 19/09/17, Tuesday

10:30am	11:30am	1.00pm	1.30pm
<b>Mr. Sachin Burghate</b> Hope	<b>Mr. Sachin Burghate</b> Principles of learning English language	<b>Mr. Shubhasish Chandra</b> Career in Basic Sciences	<b>Valedictory Function</b> Swaima Ahmed and Dr. Sunetra Maharaj/Patil

03.00pm: Aptitude Test and Smart Skill Tech

Co-ordinator -Mr. S.S.Kasarla

<b>Dr. Ramdas Lihitkar</b> CONVENER	<b>Kartik Pathak</b> PRESIDENT CCPC	<b>Shraddha Raikwar</b> SECRETARY CCPC	<b>Dr. Sujata Deo</b> ORGANISING SECRETARY	<b>Dr.S.R.Jigajeni</b> Coordinator
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**NIRDHAAR- DHYAAS DHEYA PRAPTICHA- Two days intercollegiate workshop (18<sup>th</sup> – 19<sup>th</sup> of September 2017):-**





Dr.Aparna Ashtaputre -Sisode

**WOMAN'S DEVELOPMENT CELL**  
**GOVT. INSTITUTE OF SCIENCE, NAGPUR**  
Organizes One Day Workshop On

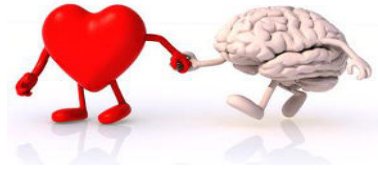
**19<sup>th</sup> Aug, 2017**  
**Saturday**

**At 10.30AM**  
**In Hall No. 45**



Co-ordinators:  
Dr. G.M.Phadnaik  
Mrs. Meera Alsi  
Dr. Kavita Patil

**Learn How to Amplify Your Effectiveness  
with Emotional Intelligence**



**WOMEN'S DEVELOPMENT CELL**

**GOVT. INSTITUTE OF SCIENCE, NAGPUR**

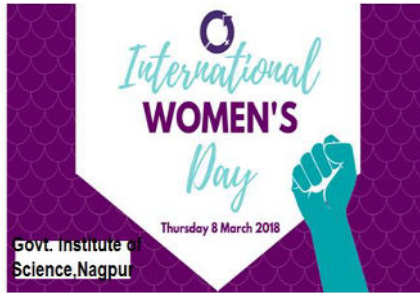
Organizes Guest Lecture

**8<sup>th</sup> March 2018**  
**Thursday**

**At 1.00 PM**  
**In Hall No. 45**

Speaker's  
Dr. Zulfi Sheikh  
&  
Actress Ilakruti

Co-ordinators:  
Dr. G.M.Phadnaik  
Mrs. Meera Alsi  
Dr. Kavita Patil



A successful *Woman*  
is one who can build  
a firm foundation  
with the bricks others  
have thrown at *her*.





## One day workshop On “Career Guidance”

Institute of science organized a workshop on career guidance on UPSC on 06/10/2017. Mr. Sanjeev V. Chetule, Assistant commissioner (P) (EOL), Indian Revenue Service (Custom, GST & Narcotics), Ministry of Finance, Govt. of India was Chief guest on this occasion. Dr. R. G. Atram, Director of Govt. Institute of Science Nagpur was the president of programme. Mr. Sanjeev V. Chetule shared the importance of competitive Examinations and its helps in social development of students in his address.



**Mr. Sanjeev V. Chetule awaked the students about UPSC and other Competitive exams.**



**Students and Faculty members present during the workshop**



## ELECTRONICS SOCIETY 2017-18

**National Science Day Program:** Electronics society organized following programs on this special day.

**Inter-Collegiate Electronics Quiz:** Total 11 teams from various colleges in Nagpur University registered for the Quiz event and participated in the elimination round. Out of these teams, 5 teams were selected for main draw consisting of four rounds viz. Bounce-Pounce, Buzzer round, Visual round and Rapid fire. The winners of the competition were

Winner: Dharampeth Science College, Nagpur

1<sup>st</sup> Runner Up: Institute of Science, Nagpur

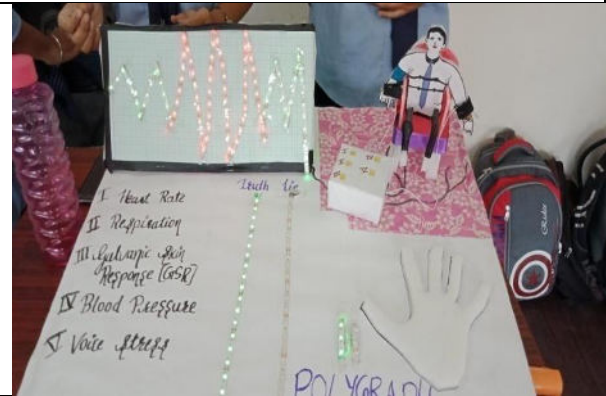
2<sup>nd</sup> Runner Up: LAD College, Nagpur

The winners were given the certificates and cash prizes.



**Inter-Collegiate Electronics Model/Kit Exhibition:** Total 8 teams from Nagpur participated in this event. Students displayed the kits they fabricated in their laboratories. Participants showed more interest in the various kits like IC regulated P/S, Dual P/S, Variable and fix P/S, Entries counter circuit etc. All the three winning teams were from Institute of Science, Nagpur.

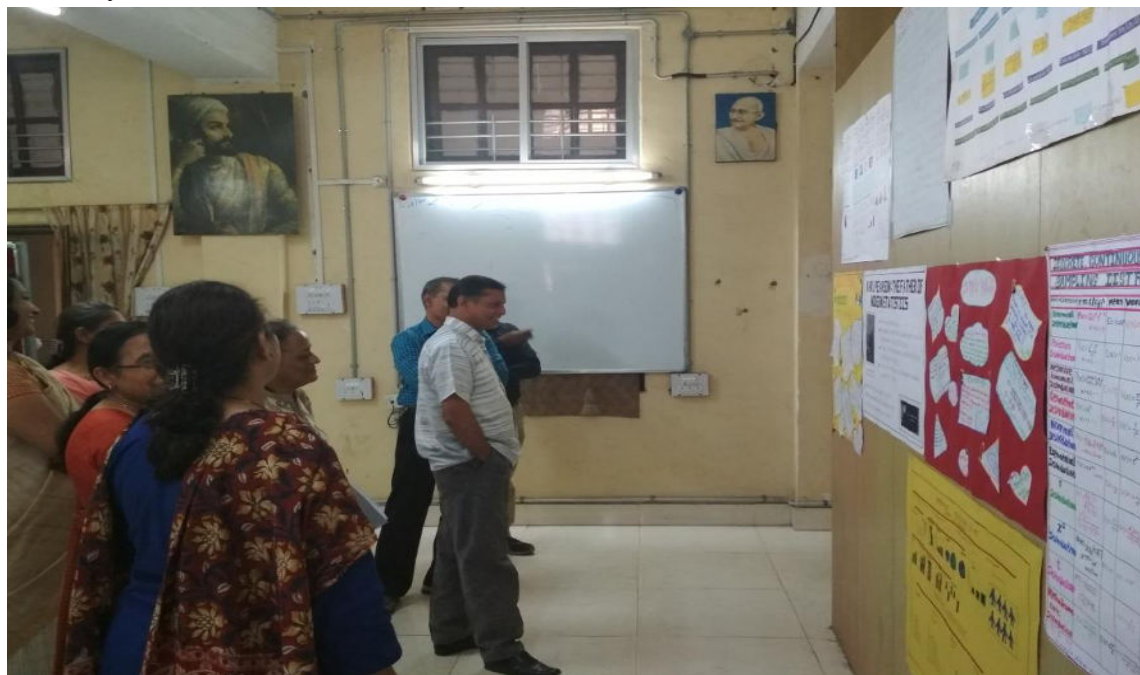
The winners were given the certificates and cash prizes.





## STATISTICS SOCIETY 2017-18

Poster competition for the undergraduate students of Statistics was organized in the month of February 2018.



**Director Dr R G Atram with staff members watching various charts displayed by the B Sc Statistics students in the Chart competition.**



## STATFEST 2018

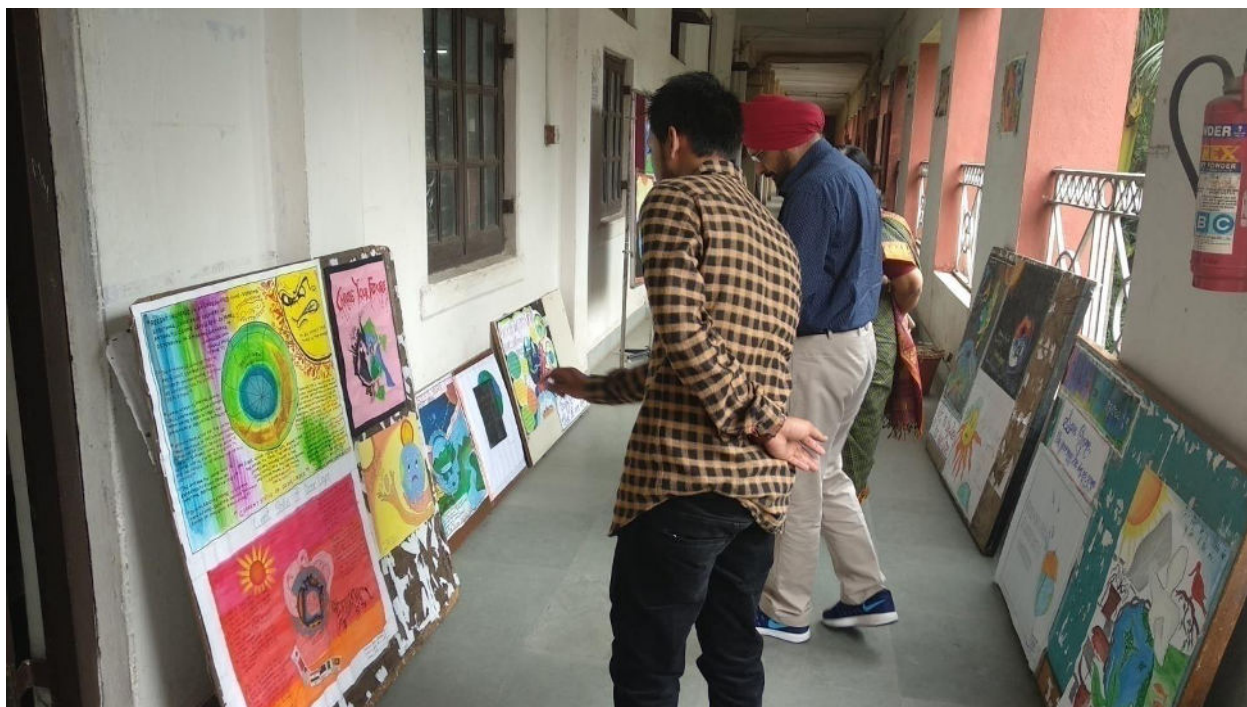
**B. Sc. student delivering seminar in seminar competition in STATFEST 2018**



**STATFEST 2018 - Quiz competition STATWIZ 2018 - Staff members with Quiz Teams**

## DEPARTMENT OF ENVIRONMENTAL SCIENCE 2017-

A “**Poster and Slogan competition**” for the undergraduate students on the occasion of “**Ozone Day**” was organized by Department of Environmental Science on 16<sup>th</sup> September 2017. The judging of this competition was done by Shri S. S. Notey ,Retired forest officer,Nagpur. The first, second and third position winners were awarded with a prize and memento.



**Judgment of Poster Competition by Mr. Notey**



**Prize distribution of Poster and Slogan Competition**



## PHYSICS SOCIETY 2017-18

Poster competition on “Indian Scientist and his/her prominent research and its application” was conducted in B.Sc. lab of Department. Dr. R.R. Patil and Smt. Naik, faculty of Govt. Institute of Forensic Science, Nagpur were the Judges of the Poster Competition. The winners of the Contest were felicitated in the Teachers’ Day program by Chief Guest.

:

- (1) **1st Prize: Nihal Mohurle & Sandesh Padole**  
(Poster: Vikram Ambalal Sarabai)
- (2) **2nd Prize: Swapnil Hingwe & Vikas Mehare**  
(Poster: Dr. C. V. Raman)
- (3) **1st Consolation Prize: Neha Dorle & Shahid Mirza**  
(Poster: Meghnad Saha)
- (4) **2nd Consolation Prize: Diksha Korde & Sujata Shedmake**  
(Poster: P. C. Mahalanobis)





## PHYSICS SOCIETY 2016-17

Physics society organized Science exhibition on the occasion of National Science day



## SCI-QUIZ COMPETITION 2016-17

"SCI-QUIZ COMPETITION 2016-17" was conducted as an activity of *CHEMISTRY ASSOCIATION 2016-2017* on 13<sup>th</sup> Jan 2017 in Room No. 45 of the Institute. Shri Shrikant Borkar, Assistant Professor in Botany and Shri Pravin Sayare, assistant professor in Mathematics and Dr. S. Jigajeni, assistant Professor in Physics were Judges for this activity.

Following students secured the winning position in this quiz competition. They were honored by giving certificates and memento on Science day 28<sup>th</sup> Feb 2017 at the hand of Dr. Khobragade , Director, Govt. Institute of Forensic Science, Nagpur.

Name of students	Position secured	Class
<i>Sumit Kapgate, Mithilesh Sowerkar &amp; Roshan Bhoyar</i>	<i>First</i>	<i>B.Sc-II</i>
<i>Shashikant Nagrare, Shubham Meshram &amp; Nitanshu Nandeshwar</i>	<i>Second</i>	<i>B.Sc-II</i>
<i>Robart Bhowate, Priyanesh Naidu &amp; Sanket Gaikwad</i>	<i>Third</i>	<i>B.Sc-III</i>

# Govt. Institute of Science, Nagpur

Department of Chemistry

Chemistry Association 2016-17

organized

SCI-QUIZ-2016-17

List of Participants



Team No	Full Name Of Participant -1	Full Name Of Participant -2	Full Name Of Participant -3	Class
1	Nehal W. Vaidya	Gulshan R. Kharkate	Dhiraj J. Sarkar	B.Sc. - 3rd Year
	Sachin Dhanpal Chaudhari	Dikshant Shamrao Maske	Chetan Prakash Kale	B.Sc. - 3rd Year
3	Abhijeet Prakash Pardhi	Amardeep Bandu Dhote	Tushar Pradip Shende	B.Sc. - 3rd Year
4	Krishnendu Kanai Roy	Yash Rajesh Ghai	Arpit Anant Kharwade	B.Sc. - 3rd Year
5	Sumedh Bombatkar	Shubham Thakre	Kaushik Biswad	B.Sc. - 2nd Year
6	Robert Bhowate	Priyanesh Naidu	Sanket Gaikwad	B.Sc. - 3rd Year
7	Mayank Tiwari	Chandrakumar Rajkumar Mahure	Tarun Kailash Sahare	B.Sc. - 2nd Year
8	Swapnil Hingwe	Rohan Dehankar	Nehal Sadmake	B.Sc. - 2nd Year
9	Gitesh Choudhari	Sagar Kulsinge	Pranay Yengandhewar	B.Sc. - 2nd Year
10	Vikas Mehare	Suraj Paswan	Rikesh Kumbhare	B.Sc. - 2nd Year
11	Himanshu Vijay Dwivedi	Gaurav Sudhir Dubey	Eknath Gajanan Thawari	B.Sc. - 2nd Year
12	Ekashvi Chahar	Rachna Prakash Kanojiya	Ayesha Tazin	B.Sc. - 3rd Year
13	Vaibhav R. R. Chichmalkar	Kajal Asudani	Frank Barton	B.Sc. - 3rd Year
14	Isha Sunil Kapte	Mrunal Ishwar Pande	Minakshi Gulabrao Rangari	B.Sc. - 3rd Year
15	Pranali Yuvraj Umredkar	Simran Akram Qureshi	Rashmi Durwas Dhole	B.Sc. - 3rd Year
16	Rekha Yashwant Patel	Rita Aravind Mate	Prachi Prakash Rahate	B.Sc. - 3rd Year
17	Payal Dudhe	Pragati Wanjarkar	Payal Borkar	B.Sc. - 3rd Year
18	Kirti Anandsagar Multani	Swarali Vishweshwar Wandhare	Puja Suresh Mundle	B.Sc. - 3rd Year
19	Shashikant Sidharth Nagrare	Shubham Rupchand Meshram	Nitanshu Shishupal Nandeshwar	B.Sc. - 2nd Year
20	Arti Manoj Yadav	Swechcha Rambabu Sharma	Sakshi Sukhchand Rahangdale	B.Sc. - 1st Year
21	Mayuri Tikaram Hatzade	Naazneen Sarfaraj Khan	Payal Keshao Rao Burde	B.Sc. - 2nd Year
22	Nandlal Giradkar	Indrapal Neware	Amardip Shebe	B.Sc. - 2nd Year



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GOVT. INSTITUTE OF SCIENCE, NAGPUR  
DEPARTMENT OF CHEMISTRY

CHEMISTRY ASSOCIATION 2016-17

ORGANISED  
SCI-QUIZ-2016-17

Name of Participants and Group with Class

1. Yogita Ramesh Bhojari - 1<sup>st</sup> Year (CBZ)
2. Rahul Gayaprasad Yadav - 1<sup>st</sup> Year (CBZ)
3. Rahul Gajanan Zele - 1<sup>st</sup> Year (CBZ)

34

marks Obtained

Time - 10 min.

Total marks

- 40

Total Que. - 20.

Qualifying Test

1	If an apple is released from an orbiting spaceship, it will
b	a) fall towards the earth c) move at a higher speed b) move along with spaceship at the same speed d) move at a lower speed
2	What happens when water is cooled from 8° C to 0° C?
d	a) Its volume decreases uniformly, becoming minimum at 0° C b) Its density increases uniformly, attaining maximum value at 0° C c) Its volume decreases up to 4° C and then increases d) Its density decreases up to 4° C and then increases
3	During summer, we feel comfortable under a fan because it -
b	a) throws cool air on us b) sets the air in motion, thereby increasing the evaporation of sweat c) produces convection currents d) produces air which carries heat away from the body
4	Light waves are different from sound waves in that
c	a) light waves are electromagnetic but sound waves are not b) light waves can travel through water but sound waves cannot c) light travels with the same speed in all media d) light waves produce interference but sound waves do not
5	The absolute zero of temperature is
b	a) the starting point of any scale of temperature b) the lowest temperature that is theoretically possible c) the temperature at which the vapors of all liquid substances freeze d) the temperature at which all substances exist in the vapor phase
6	Polythene is industrially prepared by the polymerization of
d	a) Methane      b) Acetylene      c) Ethylene      d) Ethane
7	Communicable diseases are those diseases which
d	a) Do not spread by touching each other b) Do not spread by air, dust and food etc. c) Do not spread very fast d) Spread directly or indirectly by touching one another
8	One of the main causes of air pollution in cities is emissions from vehicles like cars and trucks. Cars emit various pollutants which are bad for human health when inhaled, like
b	a) Nitrogen oxides (NO)      b) Carbon monoxide (CO)

## CHEMICAL SOCIETY QUIZ COMPETITION

### ACUMEN QUIZ COMPETITION [10.02.2018]:

'ACUMEN' Quiz Competition was organised on 10<sup>th</sup> February, 2018 at room no.45. The competition commenced at 11:30 am with a registration of nearly 50 teams. Each team consisted of three members. Dr.Naqui Siddiqui, Assistant Prof. Dr. Rajendra Tayade and Assistant Prof. Prakash Shirsat very exhaustively presented the substance of activity. The Competition had four rounds.

First round was **written test** based elimination round in which five teams were qualified for the next round. Second round was '**Pounce-Bounce**' round in which each team were asked two questions. Third round was the '**Buzzer**' round in which overall ten questions were asked. The last round was the '**Rapid Fire**' round.

In this round, each team was asked five questions within a time limit of 45 seconds. Finally, Dushant Bagde, Nisarg Sukhdeve and Aman Bishnani team of **B. Sc. first** year were declared winner of the competition and were awarded with a cash prize of **Rs.1000**. The first runner-up team was of Aarohi Wandalkar, Anurag Sidam and Shubham Mange of B.Sc. first year and was awarded with a cash prize of **Rs.750**.

The second runner-up teams were of Swapnil Hingwe, Sanket Despande and Rikesh Kumbhare of B.Sc. final year and were awarded with cash prize of **Rs.500**. The event ended with the vote of thanks. The hard work of organising association was completely reflected by the grand success of the programme.



**Acumen Quiz Competition: Students Participation**





**Winners of Acumen Quiz Competition**



**Team at Second and Third position**



**Staff members with the Winners of Acumen Quiz Competition**