

Environmental Society - 2013-2014

Guest Lecture

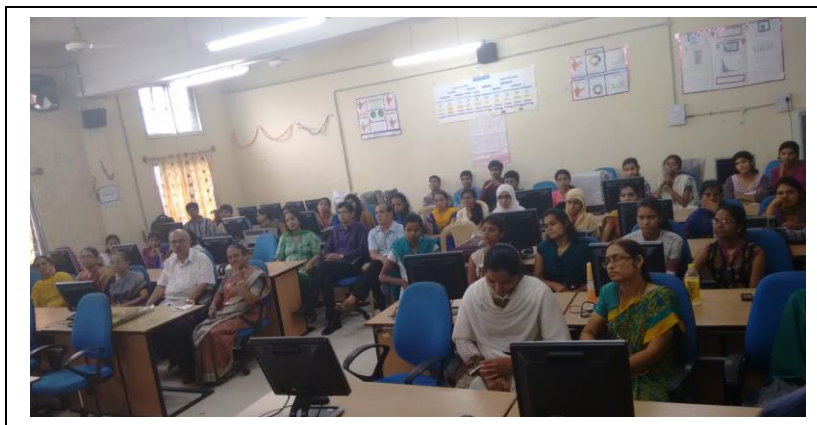
1. The society was inaugurated on 28th September, 2013 at the hands of Mr. Bhangu Sir, Ex-Forest Conservator, Govt. of Maharashtra.
2. Dr. Notey, (Ex-Forest Officer and Wildlife Expert) who delivered expert lecture on Wild life and its protection. He enthusiastically explained the need to protect wild animals and also explained the importance of biodiversity.
3. Also society celebrates “**Wild Life Week**” on 1st October – 7th October every year.



Statistics Society - 2015-16

It is a matter of great pride that the Department of Statistics has completed 60 glorious years of its existence in 2015 and has celebrated Diamond Jubilee.

The **Statistics Society** and certificate course in **R - Package** sponsored by U.G.C. was inaugurated at the hands of Mr. J. R. Rao, Assistant Vice President, Planning, Analytics and Regulatory Practices, Credit Union Deposit Guarantee Corporation , Alberta, Canada on 14/08/2015. Mr. J.R. Rao spoke on **Big Data: How it is changing everything**. All students appreciated his informative speech.



3 A guest lecture on **Structural Equation Modeling (SEM)** by Dr. ParagDhumal, Associate Professor, University of Wisconsin Parkside, Kenosha, United States, was organized on 22/01/2016, as a part of Diamond jubilee celebrations.

Dr. ParagDhumal introduced structural Equation Modeling (SEM) to the students by giving various real life examples, its challenges and popularity etc. Dr. Dhumal interacted with the students and gave information about the job scenario and education system for the Students of Statistics in US.



Botanical Society 2015-16



Visit of Prof. Shelena Jetley (USA)



Inauguration of Botanical Society
Chief Guest Prof. Vijay Ghugey and
Hon' Director Dr. R. G. Atram

Workshop on Mind power and Brain work by Manashakti Kendra Lonavala

One Day Workshop on “**Mind power and Brain work by Manashakti Kendra Lonavala** was organised by Dept. of Botany in association with IQAC, Institute of Science, Nagpur on 31st July 2015. An interesting lecture on goal setting in life was delivered by volunteer of Manashakti Kendra. He also threw a light on emotional intelligence. Dr. R. G. Atram chaired the session. Around 200 students along with faculties of various department took advantage of the session.



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

One day Symposium “Biodiversity of Past”

Department of Botany, Institute of Science, Nagpur organised One day Symposium on “Biodiversity of Past” on 22nd January 2016. Inauguration ceremony was held in Sabhagruh (Room No. 45) of Institute of Science, Nagpur. Dr. G. V. Patil, Former Vice Chancellor, Sant Gadage Baba Amravati University, Amravati was the chief guest on this occasion. Dr. Steven Manchester, Professor and Curator, Florida Museum of Natural History, University of Florida (U. S. A.) delivered the Key-note address. Nearly 50 faculties of various colleges participated in the Symposium. On this occasion, Dr. A. A. Saoji, Former Director, Institute of Science,

Nagpur, Dr. S. A. Kalkar, Regional Joint Director, Amravati region were also present. During the Symposium Dr. Shyam Shrivastav, Director, Birbal Sahni Memorial Museum, Lucknow spoke on Paleobotanical diversity. Certificates were distributed to all the participants during the valedictory function.



Moments during one day symposium on Biodiversity of past dated

Statistics Society 2016-17

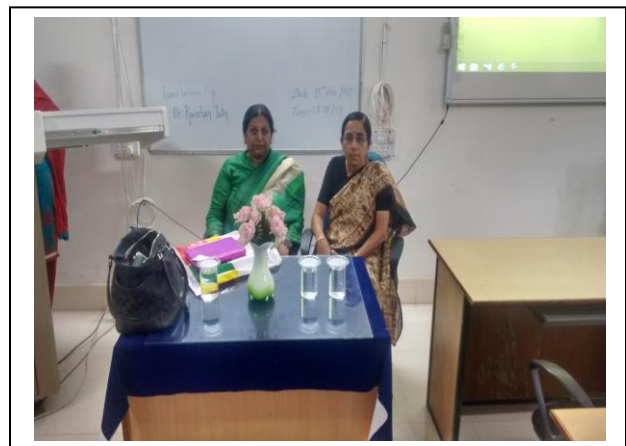
The Statistics Society was inaugurated on 28th September 2016 at the hands of Dr. D V Raje ,Head, Data Analysis Group, MDS Bio- Analytics Pvt. Ltd. He also formally inaugurated the fifth batch of the UGC sponsored Certificate Course in Statistics Package R. He delivered an informative talk on “**How to write a good research paper**” which was highly appreciated by the students. Dr. R. G. Atram, Director, Institute of Science, Nagpur presided over the function.



Guest lecture by Dr. D V Raje ,Head, Data Analysis Group, MDS Bio- Analytics Pvt. Ltd.

Guest lecture by Dr Kanchan Jain, Prof and Head, Punjab University

A Guest lecture by Dr. Kanchan Jain ,Prof and Head ,Punjab University ,Chandigarh on the topic “ **Estimation and modeling in Survival Analysis**” was arranged on 13th February 2017. Dr. Bhanu ,Professor and Head ,Department of Statistics ,Institute of Science gave brief introduction of the Institute and the Department to the speaker as she was visiting the department for the first time. She was felicitated by presenting a book and a memento. Ms Deeksha Korde from MScSemI introduced the speaker to the audience. Dr Sandhya Dhabe proposed vote of thanks.



Guest lecture by Dr Kanchan Jain, Prof and Head, Punjab University

Zoological Society 2016-17

A guest lecture of Dr. Krishna M. Kamble, Professor and Former Head of Department of Radiation and Oncology of Govt. Medical College, Nagpur was organized by the students of M.Sc 2nd year on 18th March 2017.

.The topic was on **“Principle of Radiation Biology& health Consequences of Radiation.”** He shared immensely great knowledge of radiations which has increased our knowledge regarding this topic and given the opportunity for knowing something new.

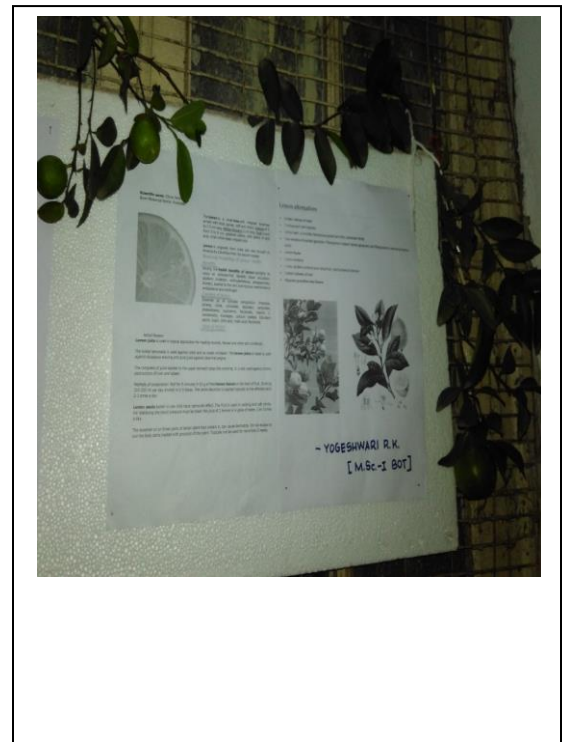
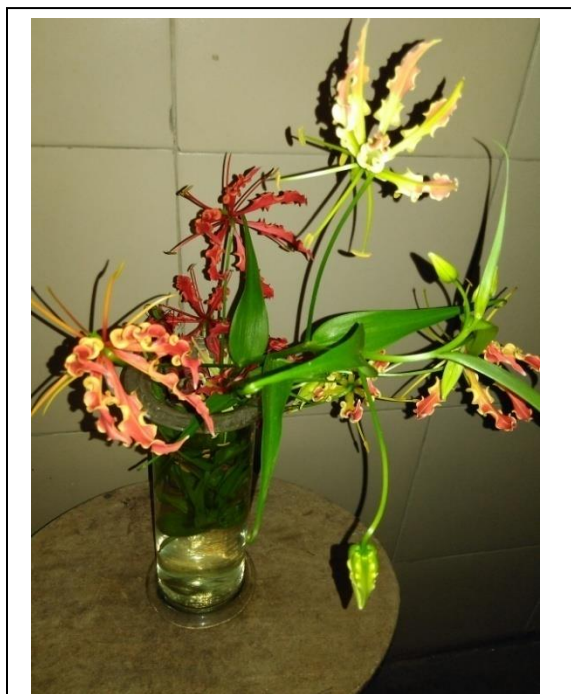


Botanical Society 2016-17

Activities of Botanical Society

Plant of the week- This novel idea was conducted in the department of Botany, where one student of the M.Sc.I used to bring one medicinal plant and important information was displayed on the notice board which includes morphological characters of the plant, geographical conditions in which the plant grows. Medicinal uses of the plant and part which is used for medicinal purpose. The information was open for all the students of the Institute.

Plant of the Week





On 01.02.2017 a guest lecture was arranged on Career Counseling and Personality Developmen. Mrs. Anju Dewase, Info Centre Executive LIC was the guest speaker.

One day “Workshop on Medicinal Plant: Cultivation practices and its uses” at Aura Park, Katalabodi, Amravati road, Nagpur

Students of department of Botany, Institute of Science attended 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 very lucid information on Importance of medicinal plant used by tribal people. Mr. Ghatate and Mr. Sherekar introduced various rare medicinal plants from different agro climatic 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



Participants

On 31st March 2017 Valedictory Function of Botanical Society was arranged. On this occasion Professor A.A. Saoji Ex. Director, Institute of Science, Nagpur was Chief Guest of the function. Prof. R.A. Satpute presided over the function. Prof. A.A. Saoji guided students and narrated the history of Institute of science, Nagpur. The student of M.Sc. I Anjali Tapile gave a presentation on activities held in department during 2016-17.



TWO DAYS UNIVERSITY GUEST LECTURE SERIES ON "SPECTROSCOPY" (22 & 23 FEB 2017)

INTRODUCTION

Two days University level guest lecture series was held at Institute of Science, Nagpur on 22 & 23rd Feb 2017 organized by department of Chemistry and Department of Physics.

The main aims of this event was

1. To create interaction between PG students of Chemistry and Physics of Institute.
2. To enhance interaction with PG students of other college in the R. T. M. N. University Nagpur.
3. To enhance problem solving ability of student the field of Spectroscopy.
4. To solve queries in spectroscopy.
5. To know importance of spectroscopy in the field of research.
6. To minimize expenses over separate Guest lecture.

To organize this event PG student of Chemistry and Physics from other colleges also registered. It was a honor for our institute that near about above 100 participants from other colleges with 80 participant of our own institute participated in this activity.

INAUGURATION



Inauguration at the hands of Dr. R. G. Atram, Director, Institute of Science, Nagpur



Presidential speech by Dr. R. G. Atram, Director, Institute of Science, Nagpur



Aims and objective narrated by Dr. R. R. Tayade, Prof. In-Charge Dr. R. R. Tayade

DURING PROGRAMS



Lecture by Dr. N. N. Karade, R.T.M.N. University Nagpur



Lecture by Dr. Shoeb Khan, Hislop College Nagpur



Lecture by Dr. MayurKedkar, Hislop College Nagpur



Lecture by Dr. Shrihari Sanap, Institute of Forensic Science Nagpur



Lecture by Dr. Vishal Banewar, GVISH, Amravati



Participants.

Statistics Society 2017-18

The Statistics Society was inaugurated on 24th August 2017 at the hands of Dr. Asha Lalwani, Nagpur. She delivered an informative talk on “**Identification of Sources of Air Pollution Using Statistical Methods**” which was highly appreciated by the students.

Dr. Asha Lalwani, Senior Scientist, NEERI gave a short description about the problem of air pollution from Koradi and Khaperkheda power plants. She also discussed how this could be explained using a mathematical model based on Normal Distribution (Gaussian Dispersion Phenomenon). The importance of R programming language and Machine Learning of Operational Research was also emphasized.



Inauguration of Statistics society at the hands of Dr. Mrs. Asha Lalwani

Chemical Society 2017-18

GUEST LECTURE BY DR. SUNIL VIBHUTE [10.02.2018]

The guest lecture was organized for Undergraduate and Postgraduate Students. Nearly 120 Undergraduate and Postgraduate students were present in the lecture. The objective of this guest lecture was to increase awareness among students in this scientific world and to build basic concepts of Science. The lecture received admiration by the students.



Dr. Sunil Vibhute, Delivering the Lecture on Science Fiction



1. A Talk on Career Opportunities in Chemistry - Scope [28.02.18]:

Keeping in mind about the prospects of M.Sc. I and II students after completion of their PG, a talk was organised on the topic **Scope: Career Opportunities in Chemistry**, by **Dr. Rashmi Batra**, Associate Professor of Chemistry at IOS, Nagpur. She explained different aspects the students can opt after completion of their final year.



Zoological Society 2017-18

Inauguration ceremony of Zoological Society was held on 23rd September, 2017 which was inaugurated by the chief guest and speaker **Shri. Sameer Z. Parvez**, Regional Deputy Commissioner of Fisheries, Nagpur. Dr. P. S. Jakhi, Associate Professor, Department of Botany of Institute of Science presided and graced the function.



Shri. Sameer Parvez, the chief guest delivered his lecture on the topic, “**Fresh water Fish culture aspects and Governmental schemes for Entrepreneurs**” and addressed the students with his kind words and wished the association good luck for all its upcoming endeavors.

Guest lecture on Apiculture

A guest lecture was organized by Zoological Society on 8th February, 2018. The guest speaker was **Dr. B. S. Rahile**, Associate Professor from Shri Shivaji Science College, Pauni, Dist. Bhandara. He delivered a lecture on the topic, “**Employment Opportunities in Honey-bee keeping (Apiculture)**”.



This function was presided over by **Prof. Dr. K. S. Bhanu**, Head of the Department of Statistics. This lecture was attended by the students of M. Sc. and B. Sc. and the staff members.

Guest lectures on Career counseling

Two guest lectures were organized by the Zoological Society on 9th March, 2018. For the first lecture we had invited **Shri. Milind Panchbhai**, Assistant Professor from Govt. Institute of Forensic Science, Nagpur. He delivered a lecture on the topic, “**Career Opportunities in Zoology and Life Sciences**”.



The second lecture was delivered by **Dr. V. S. Zade**, Associate Professor from Zoology Department of this Institute on the topic, “**Career Counseling and Job Opportunities in Life Sciences**”.



Physics Society – 2017-18



Monday, August 28, 2017



Guest lecture on educational opportunities by Dr. Pankaj Koinkar

A Guest Lecture on Educational opportunities was organized by Physics society 2017-18 of Department of Physics, Institute of Science, Nagpur on August 28, 2017. Dr. Pankaj Koinkar, Associate Professor, Department of Optical Sciences, Tokushima University, Japan was the Guest speaker. The function was conducted in room no. 80 of Department at 2:00 PM. The function was presided over by Prof. V. S Sangawar, Head, department of Physics. All teaching staff, members of Physics Society and all the students of Post Graduate Department of Physics attended this function.

He gave seven rules of success for any person:

- Health
- Talent and efforts
- Carefulness, thinking, behavior and respect of time
- Family
- Professors and mentors
- Friends and colleagues
- Luck



Guest lecture on nuclear war with North Korea by dr. Ramesh Singru

Physics society 2017-18 and Thatte Memorial jointly organized guest lecture on the last day of V.N.Thatte memorial lecture series on “**Threat of Nuclear war with North Korea**”. The guest speaker on this occasion was Dr. Ramsesh Singru, retired Professor at IIT Kharagpur. Dr. Ramesh Singru started the lecture by giving detailed information about the geographical location, historical background of North Korea. The reasons behind the division of North Korea and South Korea were also discussed in detail.

He ended the lecture on a cautionary note for India; if we do not take steps now then India will have to get

Environmental Society (2017-18)

The Environmental Science Society of the year 2017-18 was inaugurated on 1st September 2017 by Dr. Rahul V. Ralegaonkar, Associate professor, Department of Civil Engineering, VNIT, Nagpur. The function was presided over by Dr. R.G. Atram, Director, Institute of Science, Nagpur. **Chief Guest Dr. Ralegaonkar delivered an interesting talk on “Role of Environmentalist on Sustainable Resource Management”.** Head of the Environmental Science Department Dr. Mrs. Sushama Narkhede also shared the dais. A large number of invitees, staff and students attended the function.



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“Role of Environmentalist on Sustainable Resource Management” by Dr. Ralegaonkar

1st October to 7th October is celebrated as **“Wildlife week”**. On this occasion a guest lecture of Shri. S. S. Notey was organized by the department. Being a retired forest officer he shared his experience of working in a forest department. A **“Bird Feeder”** was also installed during this week



A special guest lecture was organized on 16th March 2018 to acquaint the students on the “Career Opportunities in field of Environmental Science”. The lecture was delivered by Dr. Smita Bhabra, Director of Global Scientific Incorporation.



Dr. Smita Bhabra, Director of Global Scientific Incorporation “delivered lecture on Career Opportunities in field of Environmental Science”

Botanical Society 2017-18

“Botanical Society” was set up and installed in the Institute of Science, Nagpur on 21/09/2017. The function began with plantation of sapling by chief guest Dr. Arti Shanware (Director, Rajiv Gandhi Biotechnology Centre, R.T.M.N.U. Nagpur). On this occasion Mr. Ambarish Ghatate (Founder, Ayurvan foundation, Nagpur (M.S.) was present as guest of honor. Dr. R.G. Atram (Director, Institute of Science, Nagpur) presided over the function.



Inauguration of Botanical Society by Dr. Aarti Shanware and Hon. Director Dr. R. G. Atram



Signing of MoU Institute of Science, Nagpur and Ayurvan foundation, Nagpur (M.S.)

National Science Day was celebrated with **Career Oriented Lecture Series** for students by Faculty members of the department. The introductory speech was given by Dr. H. R. Pohekar on Rashtriya Vidhnyan. Dr. S. A. Kalkar then gave lecture on “Entrepreneurship in Botany”. It was followed by lecture on “Career opportunities for Botany Students” by Dr. P. S. Jakhi. Prof. N. B. Yemul gave concluding lecture on “Mushroom cultivation technique”. Dr. R.G. Atram (Director, Institute of Science, Nagpur) presided over the function.



Dr.S.A.Kakar and Dr.P.S.Jakhi delivering the lecture



Chief Guest Dr. N. V. Khubalkar delivering lecture on Pot making technique and field demonstration

Mathematical Society - 2017-18

Mathematical Society 2017-18 Inauguration: 24th Aug 2017.



On 22nd Dec 2017, the occasion of 130th Birth Anniversary of India's legendary Mathematician, Srinivasa Ramanujan, the guest lecture on "Fluid Dynamics Applications" by Prof. Dr. Kirtiwant P. Ghadle, Department of Mathematics, Dr. Babasaheb Ambedkar Marathwada University Aurangabad was organized.





GOVT. INSTITUTE OF SCIENCE
R.T. ROAD, CIVIL LINES, NAGPUR

Guest Lecture by Prof.(Dr.) Peter Kuznick

Nuclear arms control is a hugely important issue — especially in a world where tensions between the US and other nuclear powers, Russia, China, North Korea etc, are heating up.

We have to be extremely vigilant and careful when it comes to nuclear because Nuclear changes the whole ballgame.....

Keeping in mind importance of this statement, a guest lecture was organized by IQAC on 11th Jan, 2018, at 2.00pm by **(Dr.) Peter Kuznick**, Professor at Department of History and Director of the Nuclear Studies Institute at American University, Washington DC, on the topic **“Trumps Foreign Policy the Current nuclear Crises”**.



