

# WELCOME TO DEPARTMENT OF BOTANY



ORIENTATION DAY  
November 19, 2020

# KNOW YOUR DEPARTMENT

THE DEPARTMENT OF BOTANY WAS SET UP IN JULY, 1994

*The Department Aims at Imparting Wholesome Knowledge and Education in the Field of Plant Sciences*

- In the pursuit of this department undertakes following measures
  - Syllabus based class room lectures using audio visual aids
  - Regular presentations by students to build confidence, better learning and understanding of the subject
  - Hands on projects and laboratory exercises to learn handling of instruments
  - Class room discussions for developing scientific aptitude and innovation
  - Constant up-gradation of infrastructure to keep pace with the latest trends
  - Lectures by eminent scientists and academicians to get updated with the trends and technologies in the various fields
  - Field excursions and visits to familiarize the students with nature biodiversity and conservation strategies



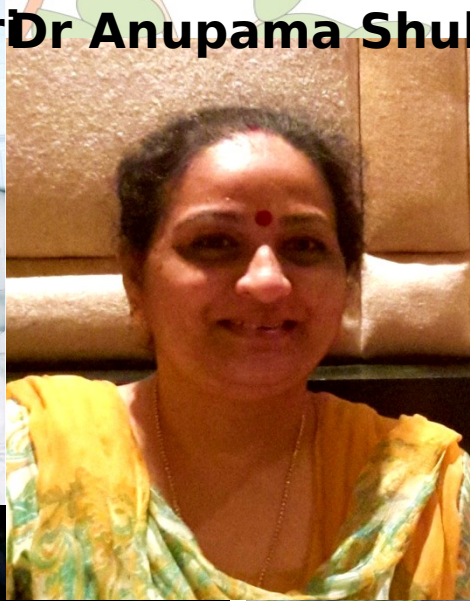
**25 years of the  
Department**

# Faculty Members

**Dr M. S. Rajeswar**



**Dr Anupama Shukla**



**Dr Anita Narang**



**Dr Charu Khosla**



**Geetika**



**Dr Yasheshwar**



**Dr Rashmi Sharma**

# Faculty Members



**Dr Yash Mangla**



**Dr Anita  
Thakur**



**Dr Manoj Singh**



**Dr Sumit Sahni   Dr Vineet Kumar**

***Your  
Teac  
hers  
are  
Your  
Frie  
nds!  
!***

S.No.	NAME	ROLL NO.	Mentors
1	ABHISHEK MAURYA	AC-001	<b>Dr MS Rajeswari and Dr Yash Mangla</b>
2	ADITYA CHAUDHARY	AC-002	
3	AISHWARY KUMAR CHATURVEDI	AC-003	
4	ANANYA DAS	AC-004	
5	ANANYA TYAGI	AC-005	
6	ANJALI	AC-006	
7	ANUPRIYA SHARMA	AC-007	
8	ANURADHA TOMAR	AC-008	
9	APARNA SAJI KUMAR	AC-009	<b>Dr Anupama Shukla and Dr Anita Thakur</b>
10	AYAN CHANDRA	AC-010	
11	DARSHIT SINGH RAWAT	AC-011	
12	DEEPALI SINGH	AC-012	
13	GEETIKA JOSHI	AC-013	
14	GEYUM KAMDUK	AC-014	
15	HARITIMA	AC-015	
16	HIMANSHU KARDAM	AC-016	
17	JAY KUMAR SIRMORIA	AC-017	<b>Dr Anita Narang and Dr Manoj</b>
18	KANCHAN	AC-018	
19	KANISHKA	AC-019	
20	KRISHIV SINGH	AC-020	
21	LALIT PAL	AC-021	
22	MANIKET CHAUHAN	AC-022	
23	MAYANK YADAV	AC-023	

***Your  
Teachers  
are  
Your  
Friends!  
!***

S.No.	NAME	ROLL NO.	Mentors
27	NEERAJ	AC-027	<b>Dr Charu and Dr Sumit</b>
28	NIKHIL MEHAR	AC-028	
29	NIKHIL CHOPRA	AC-029	
30	NUSRAT FATIMA	AC-030	
31	PAARTH BHATNAGAR	AC-031	
32	PRATAP	AC-032	<b>Dr Geetika and  Dr Vineet</b>
33	PRATHAM SINGH CHAUHAN	AC-033	
34	PRATIBHA	AC-034	
35	PRIYANSHA KUMAR	AC-035	
36	PUSHKAR RAGHAV	AC-036	
37	RAMGANESH PANDEY	AC-037	
38	REKHA	AC-038	
39	RINKI	AC-039	<b>Dr Yasheswar and Dr Anita Thakur</b>
40	RISHAV KUMAR	AC-040	
41	RIYA DAYAL	AC-041	
42	ROHIT	AC-042	
43	ROOPAL JHA	AC-043	
44	SANIDHYA PANDEY	AC-044	
45	SATYAVRAT	AC-045	
46	SEEMA	AC-046	<b>Dr Rashmi and</b>
47	SHANKAR LAL YADAV	AC-047	
48	SHREYA SINGH	AC-048	
49	SRUTHI S. KUMAR	AC-049	

# LABORATORY STAFF



**Mr. Mahender  
Rawat**



**Ms. Kanika Chadha  
(Museum Curator)**



**Mr. Jaikaran  
Singh**



**Mr. Ashok  
Kumar**



**Mr. Harish  
Kumar**



**Goswami**



**Mr. Brijesh  
Sharma**



**Mr. Narender**



**Mr. Mukesh  
Sharma**



**Mr. Rajveer  
Singh**

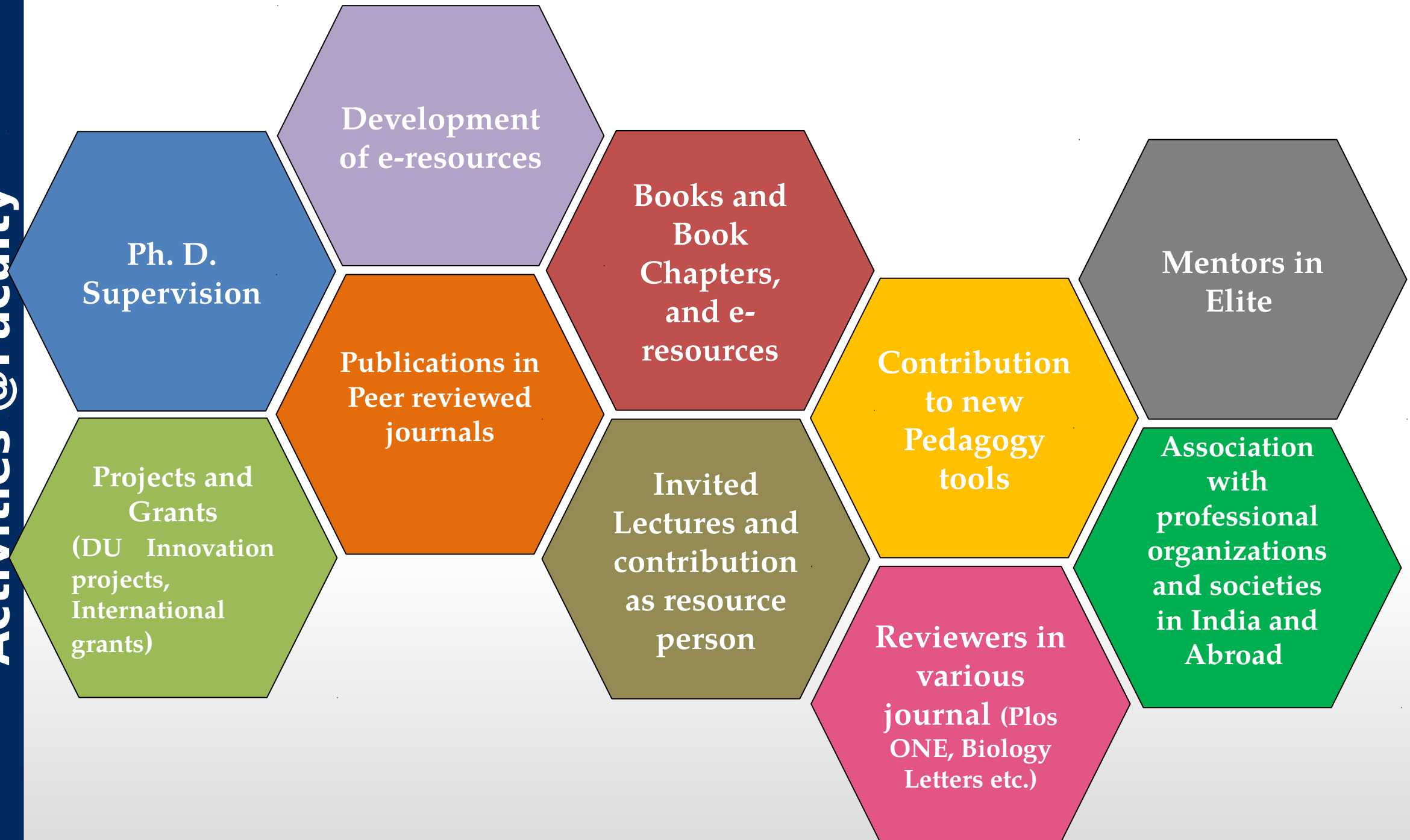


**Ms. Sangeeta  
Goswami**

**Mr. Vinod**

**Mr. Arjun**

# Research and Academic Activities @Faculty



## Recognition and Awards to Faculty

**Dr MS Rajeswari:** Distinguished Teacher Award, 2009

**Dr Anita Narang:** Women's Achievement Award on International Women's Day on 8th March, 2008 by WIN( Women's International Network)

**Dr Charu Khosla Gupta:**

- Winner of Best Innovative Idea award for DU Innovation project ANDC 204 at Antardhvani 2015 (Academic & Cultural festival) held from 20 – 22 February 2015 at University of Delhi.
- Teaching Excellence Award for Innovation, University of Delhi 2014 – 15.
- Fellowship for INSA Bilateral exchange program, 2018-2019

# Infrastructure

- Four well maintained laboratories for students

• Equipments and instruments



➤ **Compound microscopes**

➤ **Dissecting microscopes**

➤ **Spectrophotometer**

➤ **Water baths**

➤ **Deep freezers**

➤ **Autoclave**

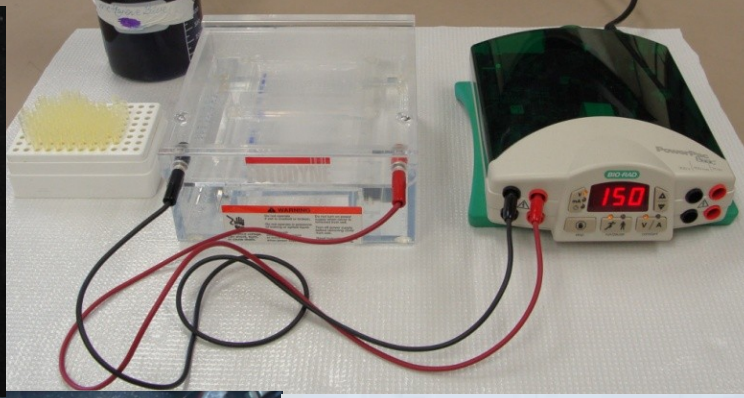
➤ **Laminar flow**

➤ **Incubator shakers**

➤ **Micropipettes**

➤ **Incubation**





# TARUMITRA: The Botanical Society

- Workshops/Seminars/Conferences for faculty and students
- Popular lectures of eminent scientists to motivate and update the students
- Competitions like poster presentation, science quiz etc.



# Departmental Activities

# Lectures



## ACHARYA NARENDRA DEV COLLEGE

University of Delhi

NAAC Accreditation Grade 'A' | NIRF - 2020 All India Ranking 18th

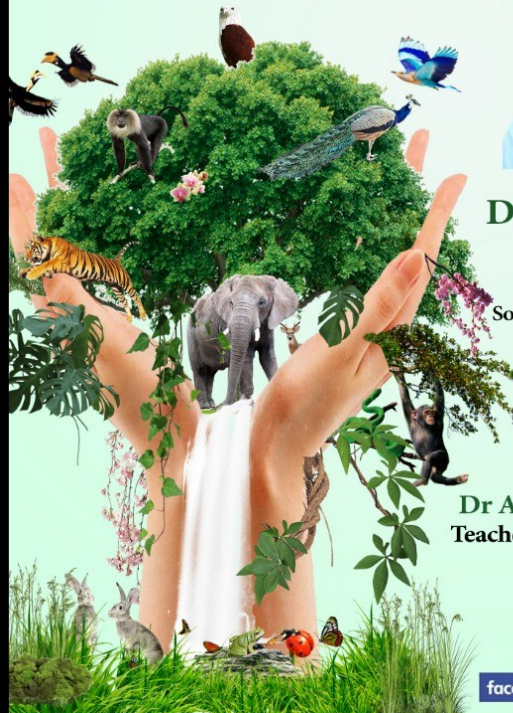
“Tarumitra” the Botanical Society  
under the aegis of DBT STAR College Scheme

presents

Inaugural Lecture on

### “HUMANS FOR NATURE”

on October 15, 2020 at 03:30 p.m. by



Padma Shri

**Dr Prakash Baba Amte**

&

**Dr Mandakini Amte**

Social Workers, Ramon Magsaysay Awardees  
and Founders of Lok Biradari Prakalp

Register at

<https://forms.gle/SapseX28cAA2qbwVA>

**Dr Anita Narang**

Teacher -in - charge

**Dr Ravi Toteja**

Officiating Principal

facebook LIVE YouTube Live



“Tarumitra” the Botanical Society

of

ACHARYA NARENDRA DEV COLLEGE

presents

### Environmental Awareness Quiz

on October 15, 2020 after the inaugural lecture





Acharya Narendra Dev College  
(University Of Delhi)

The Botanical Society  
**TARUMITRA**



# तारुमित्र

25th Feb' 2020

A talk on  
*Hitchhiker's Guide To  
Integrative Systems Biology*

By:-



Dr Amit Yadav  
Translational Health Science  
And Technology Institute

**PRIZES  
WORTH  
Rs70,000**

Comic-o-Botanica  
On The Spot Funny Story Narration

Debris Décor  
Reusing The Waste

Mehfil-e-Botany  
The Poetry Competition

Hit The Street  
Intra-College Gully cricket

Quizzical Bog  
The Science Quiz

Act It out  
The Botanical Dumb Charades

Mistery Of Flora  
The Treasure Hunt

President: Yash Gupta 9773789908  
Secretary: Neha Singh 9958932167  
Treasurer: Devangna Sharma 8527763734

Convener-Dr. Rashmi Sharma

Note: Online registration will start from Feb'21 2020. Register offline on the registration desk near Dhvani room on Feb'24 and Feb'25, 2020

Our Sponsors:-



Acharya Narendra Dev College  
(University of Delhi)

The Botanical Society  
**TARUMITRA**

**विराजित**  
Feb 14, 2019

**A TALK ON  
Computational Gastronomy**  
The emerging data science of food,  
flavors and health.

By: Dr. Ganesh Bagler  
Assistant Professor  
Indraprasth Institute of Informational  
Technology Delhi

Time : 10:00 am  
Venue: Seminar Hall

Acharya Narendra Dev College  
University of Delhi

On the occasion of completion of  
**25 Years**  
of

**Department of Botany**

**TARUMITRA : THE BOTANICAL SOCIETY**  
Under the aegis of DBT Star College Scheme

Presents inaugural lecture by the Department's Alumni

**BIO PROSPECTING :  
A PATH FROM ECOLOGY  
TO ENTREPRENEURSHIP.**

By : Dr. Vandana Mishra  
Assistant Professor (Sr.)  
Deptt. of Environmental Studies, DU




Time : 11:00 a.m. to 12:00 noon

**BEING IN BIOMEDICAL  
RESEARCH IN INDIA: FROM  
A RAT RACE TO TAKING UP  
REAL CHALLENGE OF COMBATING  
DISEASES.**


By : Dr. C. V. Srikanth  
Associate Professor  
RCB, Faridabad

Time : 10:00 a.m. to 11:00 a.m.

Date : September 25, 2019  
Venue : Seminar Hall






**ACHARYA NARENDRA DEV COLLEGE**  
University of Delhi  
Accredited "A" Grade by NAAC with a score of 3.31  
presents a lecture on



**ENVIRONMENT, ECOLOGY,  
ECOSYSTEMS & ECOLOGICAL  
RESTORATION**


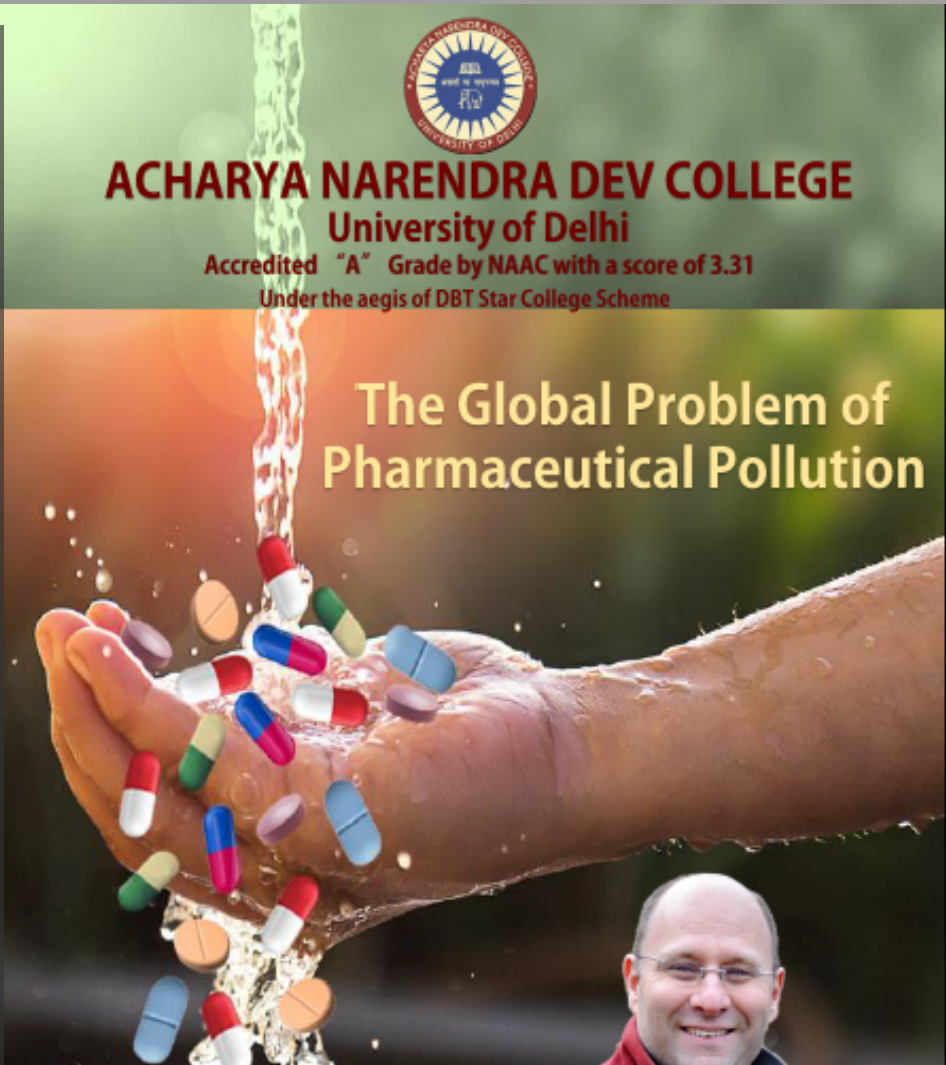

by  
**Professor C.R. Babu**  
Professor Emeritus & Ex-Pro-Vice-Chancellor  
University of Delhi




Organized by  
**TARUMITRA  
THE BOTANICAL SOCIETY**

Under the aegis of DBT Star College Scheme

Join us  
**18<sup>th</sup> January 2018  
11:00 a.m.  
Conference Room**

  
**ACHARYA NARENDRA DEV COLLEGE**  
University of Delhi  
Accredited "A" Grade by NAAC with a score of 3.31  
Under the aegis of DBT Star College Scheme

**The Global Problem of  
Pharmaceutical Pollution**

**Alistair Boxall, Professor**  
Centre for High Altitude Platform Applications  
Environment Department  
University of York

**February 8, 2018  
10:00 a.m. Seminar Room**



**TARUMITRA**  
**The Botanical Society**  
of  
**ACHARYA NARENDRA DEV COLLEGE**

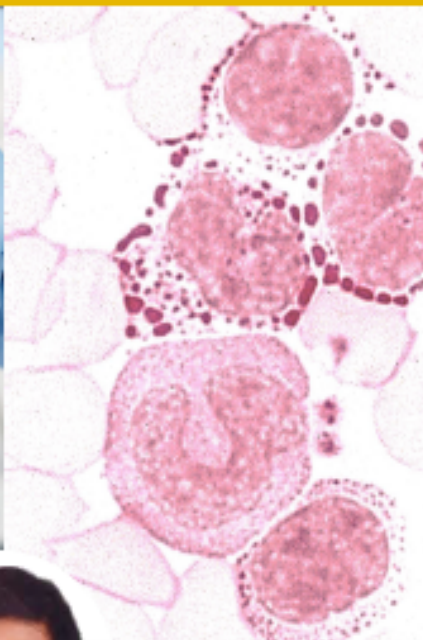


University of Delhi

Accredited "A" Grade by NAAC with a score of 3.31 | DBT Star College

Organizes a Talk on

**Interesting Advances in Haemoglobin Research:  
Beyond the Textbook**



**Professor Suman Kundu**  
Department of Biochemistry,  
South Campus  
University of Delhi



11<sup>th</sup> October  
2018; 11:00 a.m.  
Venue: Seminar  
Hall



**ACHARYA NARENDRA DEV COLLEGE**

University of Delhi

Accredited "A" Grade by NAAC with a score of 3.31

**Invites You For A Talk**

**DNA BARCODING OF PLANTS**

By

**Professor S.B. Babbar**

Department of Botany, University of Delhi



**Organized By: TARUMITRA  
THE BOTANICAL SOCIETY**

VENUE: Seminar Hall

DATE: October 24, 2018

TIME: 11:00 AM

Under the aegis of DBT Star College Scheme



**ACHARYA NARENDRA DEV COLLEGE**  
University of Delhi  
Accredited 'A' Grade By NAAC With a Score of 3.31

**TARUMITRA**  
**THE BOTANICAL SOCIETY**  
Under the aegis of DBT STAR COLLEGE SCHEME

Organizes a Lecture  
on  
**WONDERS OF POLLINATION AT WORK**

By  
Professor Rajesh Tandon  
Department of Botany  
&  
Dean, Student's Welfare  
University of Delhi

**All are cordially invited**

Date  
September 26, 2017; Tuesday

Tu  
10:30



**TARUMITRA**  
**THE BOTANICAL SOCIETY**  
(Under the aegis of DBT STAR COLLEGE SCHEME)

**Acharya Narendra Dev College**  
University of Delhi  
(Accredited "A" Grade by NAAC with a score of 3.31)

Organizes a Lecture on  
**BIODIVERSITY AND THE NEED FOR ITS CONSERVATION**

  
**Dr. Rita Singh**  
University School of Environment Management (USEM),  
Guru Gobind Singh Indraprastha University (GGSIPU), New Delhi

Date  
November 2, 2017; Thursday

Time  
10:00 AM

Venue  
Conference Room



# INVITED SPEAKERS





# INTERACTION SESSIONS



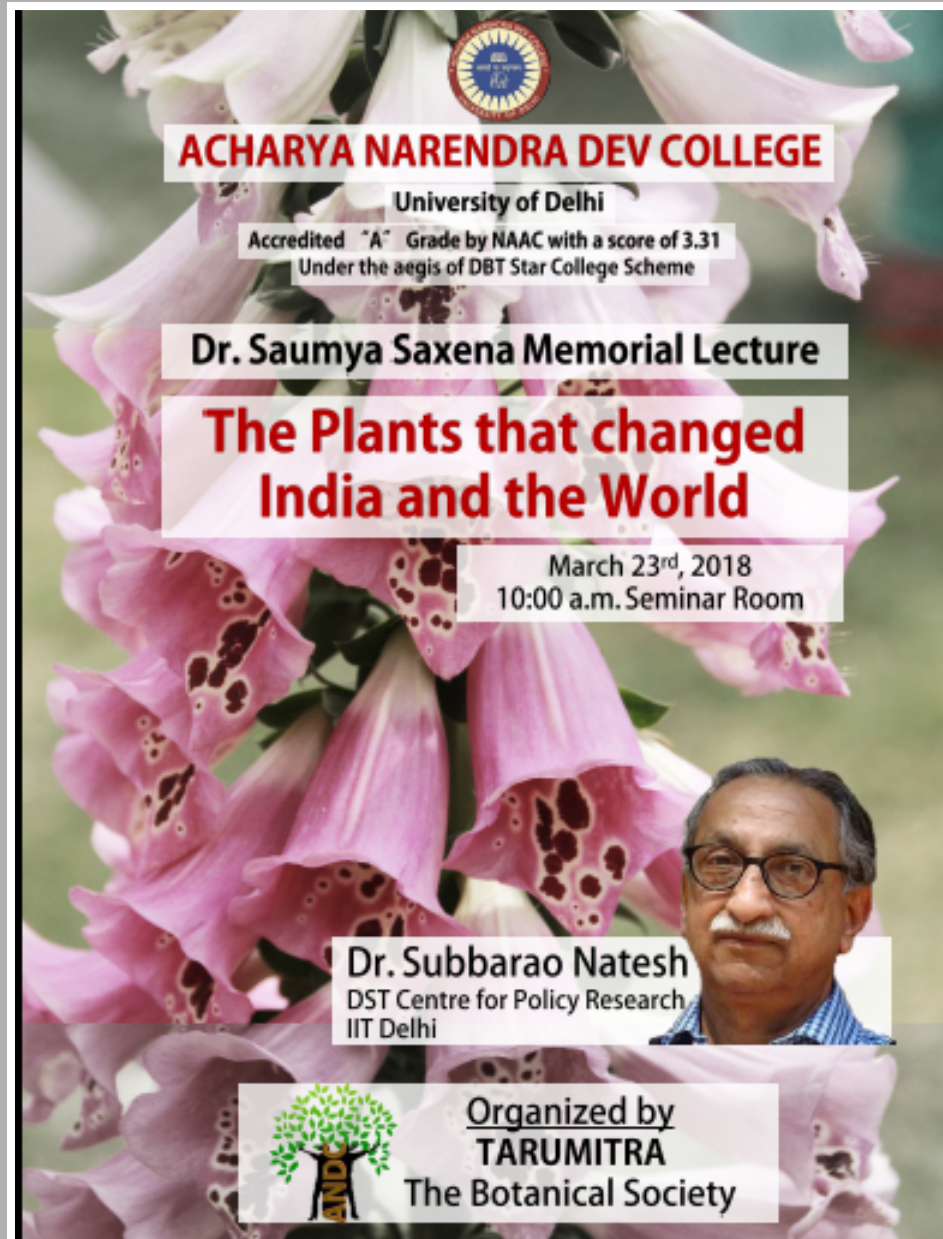



श्रद्धांजलि

***Dr. Saumya Saxena  
Students Endowment  
Scholarship***

**Department Offers  
TWO Fellowships  
in her memory**

**Late Dr Saumya Saxena**




 **ACHARYA NARENDRA DEV COLLEGE**  
University of Delhi  
Accredited "A" Grade by NAAC with a score of 3.31  
Under the aegis of DBT Star College Scheme

**Dr. Saumya Saxena Memorial Lecture**

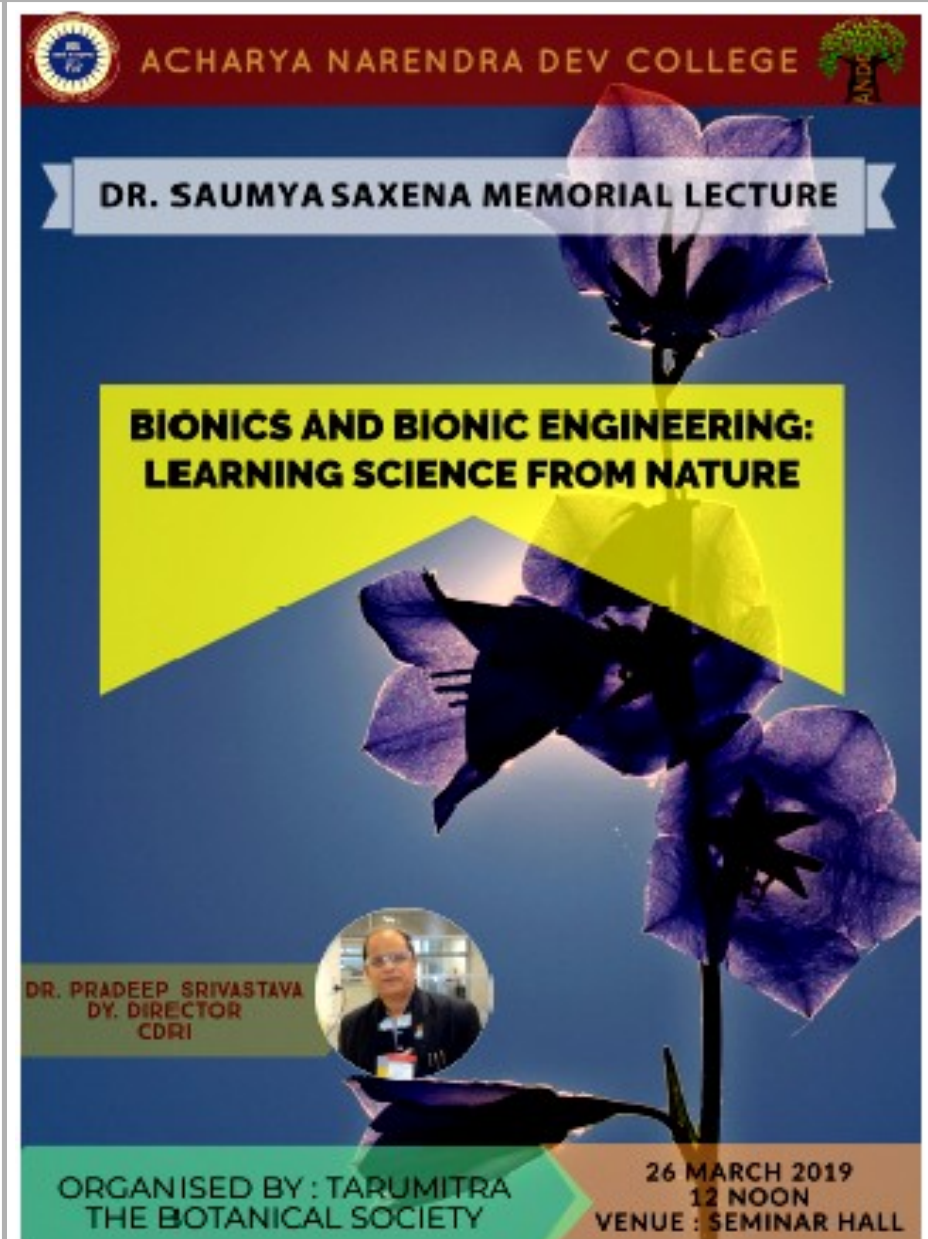
**The Plants that changed  
India and the World**



March 23<sup>rd</sup>, 2018  
10:00 a.m. Seminar Room

**Dr. Subbarao Natesh**  
DST Centre for Policy Research  
IIT Delhi

 **Organized by  
TARUMITRA  
The Botanical Society**

*1st*




 **ACHARYA NARENDRA DEV COLLEGE** 

**DR. SAUMYA SAXENA MEMORIAL LECTURE**

**BIONICS AND BIONIC ENGINEERING:  
LEARNING SCIENCE FROM NATURE**

**DR. PRADEEP SRIVASTAVA**  
DY. DIRECTOR  
CDRI



**ORGANISED BY : TARUMITRA  
THE BOTANICAL SOCIETY**

**26 MARCH 2019  
12 NOON  
VENUE : SEMINAR HALL**

*2nd*



*Acharya Narendra Dev College  
(University of Delhi)*

Accredited 'A' Grade by NAAC with a score of 3.31  
NIRF ranking 2020 - 18th



## Department of Botany

*Organizes*

*Dr. Saumya Saxena Memorial Lecture*



**Matrix of Multicellular Life : How cell  
adhesion regulates cell function !**

Speaker : *Dr. Balasubramanian Nagaraj, IISER Pune*

**Date & Time - At 6:00 PM , 16 July 2020**

Link for Registration - <https://forms.gle/fu3fJyNUWRCcPTW86>

**Last date to register - 14 July, 2020**

**Please mail your queries to**  
*rashmisharma@andc.du.ac.in*

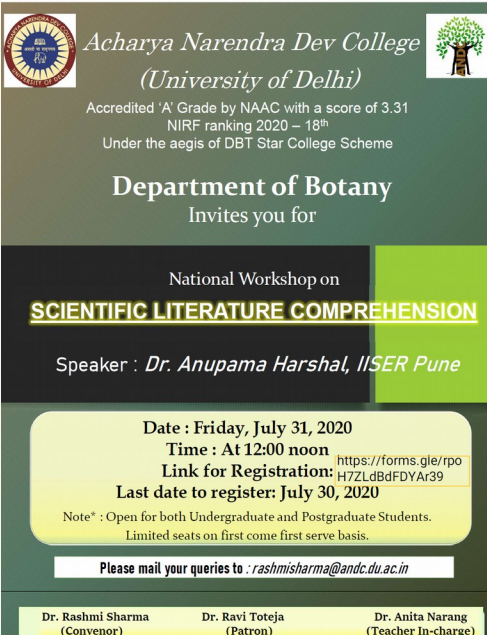
Dr. Rashmi Sharma  
(Convenor)

Dr. Ravi Toteja  
(Patron)

Dr. Anita Narang  
(Teacher In-charge)

**IIIrd**

- Workshop on “Hands-on to Computational Biology for (meta) genomic analysis” jointly organized by Department of Zoology and Botany, Acharya Narendra Dev College, University of Delhi under the aegis of DBT Star College Scheme from April 4-5, 2019.
- Interdisciplinary Workshop 2019’ organized by Acharya Narendra Dev College, University of Delhi. June 18- 25, 2019.
- Inter-College hands-on workshop on SPR and UV-Vis Spectroscopy, August 21-27, 2019.
- Workshop on foldscope for college students, 9 September, 2019.



**Acharya Narendra Dev College**  
(University of Delhi)  
Accredited 'A' Grade by NAAC with a score of 3.31  
NIRF ranking 2020 – 18<sup>th</sup>  
Under the aegis of DBT Star College Scheme

**Department of Botany**  
Invites you for

National Workshop on  
**SCIENTIFIC LITERATURE COMPREHENSION**

Speaker : *Dr. Anupama Harshal, IISER Pune*

Date : Friday, July 31, 2020  
Time : At 12:00 noon  
Link for Registration: <https://forms.gle/rpoH7ZLd8dFDYAr39>  
Last date to register: July 30, 2020

Note\* : Open for both Undergraduate and Postgraduate Students.  
Limited seats on first come first serve basis.

Please mail your queries to : [rashmisharma@andc.du.ac.in](mailto:rashmisharma@andc.du.ac.in)

Dr. Rashmi Sharma (Convenor)      Dr. Ravi Toteja (Patron)      Dr. Anita Narang (Teacher In-charge)



**ACHARYA NARENDRA DEV COLLEGE**  
University of Delhi  
Grade "A" by NAAC | DBT Star College

**Workshop on Hands-on to Computational biology for (meta)genomic analysis**  
March 27-28, 2019; 10:00 a.m.

Background image showing a DNA sequence with a magnifying glass highlighting a specific region.

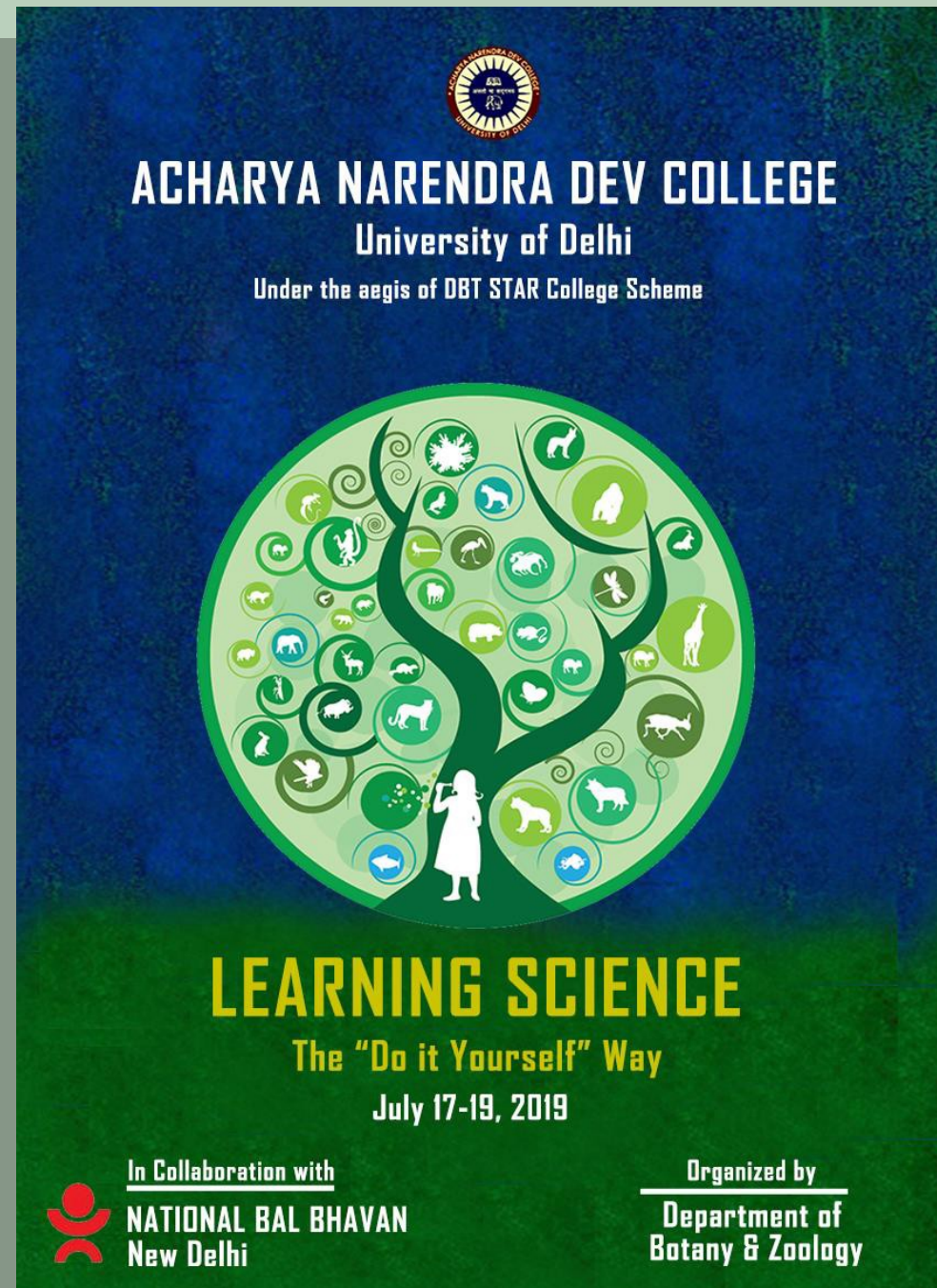
**phiXgen**


For Details visit  
<http://andcollege.du.ac.in/>

**PhiXGen Pvt. Ltd.**


## For School students

Workshop 'Learning Science' (for School students) organized by Acharya Narendra Dev College In collaboration with National Bal Bhavan, July 17-19, 2019.



  
**ACHARYA NARENDRA DEV COLLEGE**  
University of Delhi  
Under the aegis of DBT STAR College Scheme

**LEARNING SCIENCE**  
The "Do it Yourself" Way  
July 17-19, 2019

In Collaboration with  
 **NATIONAL BAL BHAVAN**  
New Delhi

Organized by  
**Department of Botany & Zoology**

**TARUMITRA**  
**THE BOTANICAL SOCIETY**

Under the aegis of DBT Star College Scheme



# MICROBIAL TECHNIQUES

**RBPT based workshop**

**DATE 10<sup>th</sup> and 11<sup>th</sup> January 2018**

**VENUE Department of Botany**

**TIME: 9.00 am to 5.00 pm**

**Organizing Committee**

**Patron: Dr Savithri Singh, Principal**

**Convenor: Dr Rashmi Sharma**

To find out more visit:  
<http://andcollege.du.ac.in>

Registration Fee:  
₹150/-


**ACHARYA NARENDRA DEV  
COLLEGE**

University of Delhi

Accredited "A" Grade by NAAC with a score of 3.31


For Queries Contact  
Dr Sumit Sahni  
9891890065



  
**ACHARYA NARENDRA DEV COLLEGE**  
University of Delhi  
Accredited "A" Grade by NAAC with a score of 3.31

# Wonderful World of Microbes

March 4, 2018  
9:30 a.m. Seminar Room




**TARUMITRA**  
THE BOTANICAL SOCIETY

Shailja Singh, Associate Professor  
Head, Signalling Biology Group  
Special Centre for Molecular Medicine  
Jawahar Lal Nehru University, Delhi

## MICROBIAL TECHNIQUES

RBPT based Workshop  
Under the aegis of DBT Star College Scheme



# **EXCURSIONS AND FIELD VISITS**

**Under the aegis of EXPLORE**





# Excursion

Under the aegis of EXPLORE



**B. Sc. (H) Botany, and B.Sc. (Prog.) Life Sciences Semester III; Tirthan Valley, October, 2019**











# **Curriculum Based Excursions**

# FIELD VISIT TO JAISALMER (FEB 2019)



# CSIR-IHBT and CSK Himachal Pradesh Krishi Vishvavidyalaya



**B. Sc. (H) Botany, Semester VI (March 2019)**

# Curriculum Based Excursion (October 2019): B. Sc. (H) Botany, Semester III

## Mukteshwar, Kausani and Nainital



# Curriculum Based Excursion (March 2020)

## B. Sc. (H) Botany, Semester VI

### CSIR-Institute of Indian Institute of Integrative Medicine (IIIM), Jammu



## **Our alumni are:**

- **Pursuing higher education in botany, biotechnology, education etc. in India and abroad.**
  - ❖ Rheinische Friedrich-Wilhelms-Universität Bonn, Germany
  - ❖ Czech university of life sciences, Prague
  - ❖ Department of Botany, University of Delhi
  - ❖ South Campus, University of Delhi
  - ❖ Department of Environmental studies, University of Delhi
  - ❖ Jawahar Lal University, New Delhi
  - ❖ Jamia Hamdard University, New Delhi
  - ❖ YMCA University of Science And Technology, Faridabad
  - ❖ Central University of Haryana, Haryana
  - ❖ Banaras Hindu University
  - ❖ Guru Gobind Singh indraprastha University, New Delhi
  - ❖ Amity University, Noida
  - ❖ FRI, Dehradun
  - ❖ Choudhary Charan Singh University, Meerut
  - ❖ THSTI, Faridabad
  - ❖ RCB, Faridabad
  - ❖ Indian Institute of Science, Bangalore

*Currently serving in the different field of science, management practices, media and conservation etc.*



**Dr. Dibyendu Kumar (1994 - 1997)**

Director of Waksman Genomics Core Facility, Rutgers University, Piscataway, New Jersey-08854.



**Dr. C V Srikant (1994 - 1997)**

Principal investigator at UNESCO-Regional Centre for Biotechnology (RCB), Faridabad.



**Mr. Vishal Gandhi (1994-1997)**

Founder and CEO of BIORx Venture Advisors Pvt Ltd (BVA) and leads an accomplished team of MBAs, Chartered Accountants and Life -Sciences Domain Experts.



**Dr. Vandana Mishra, (1994-1997)**

Assistant Professor, Department of Environmental Science University of Delhi. Senior Assistant Professor (2009- till date); Visiting Scientist, Massachusetts Institute of Technology, Cambridge, USA (2011-2012).



**Dr Amit Yadav (2002- 2005)**

Presently working as Research Scientist, THSTI, Faridabad.



**Dr. Arijit Biswas (1995-1998)**

Institute of Experimental Hematology and Transfusion Medicine, Berlin, Germany

**Anil Sreenivas (1995 - 1998)**

Vice President, Wattkraft GmbH .Wattkraft is one of the leading companies in the Solar energy space.



**Dr. Yash Mangla (2003 - 2006)**

Assistant Professor (ad-hoc) , Botany, Acharya Narendra Dev College, University of Delhi.

**Dr. Vivek Raxwal (2003-2006)**

Post Doctoral fellow, Czech republic in Central European Institute of Technology, Brno (city of Mendel), Czech republic.



**Captain Rohit Kumar (2004 - 2007)**

Captain in Indian Army. Posted in Shillong

**Sidharth Bharti (2004 - 2007)**

Entrepreneur of Enlisted Consultancy Services. Owns a full fledge production house named *Split Mirror Pictures* specialized for Movies/TV Serials & short films etc.





**Dr. Gaurav Sharma (2004 - 2007)**

Post Doc Fellow at Perelman School of Medicine, University of Pennsylvania

**Mr. Mahesh Babu (2005 - 2008)**

Working as Senior Drug Safety Associate at Pharmaceutical company, Novo Nordisk (Bangalore).



**Dr Anita Thakur (2005 - 2008)**

Assistant Professor (ad-hoc) , Botany, Acharya Narendra Dev College, University of Delhi.

**Anshul Saluja (2006 - 2009)**

Pursuing Ph.D. in Educational Planning and Administration NUEPA, New Delhi .



**Salman Ahmed Mustafa (2006 - 2009)**

Post Doc Fellow at King's College, London

**Manoj Thakur (2007 - 2010)**

Currently pursuing Ph.D.in the Department of Biochemistry, Indian Institute of Science, Bangalore.



## **Rahul Giri (2007 - 2010)**

Currently working in Satin Credit care limited as Manager - Projects.



## **Rahul Raina (2007- 2010)**

Presently working as an "Art Conservator Cum Researcher with INTACH Art Material & Heritage Division, Delhi.



**XXXX (2020- 2023)**

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**CONTINUED.....**

# COURSE STRUCTURE

**TOTAL : 140  
credits**

## Semester wise Distribution of Courses

Semester	Core Course(14)	Ability Enhancement Compulsory Course (AEC) (2)	Skill Enhancement Course (SEC) (2)	Discipline Specific Elective: (DSE) (4)	Generic Elective: (GE) (4)
I	1.Microbiology and Phycology 2.Biomolecules and Cell Biology	English/MIL Communication/ Environmental Science			GE-I
II	3. Mycology and Phytopathology 4. Archegoniatae	English/MIL Communication/ Environmental Science			GE-II
III	5. Anatomy of Angiosperms 6. Economic Botany 7. Genetics		SEC-I (Any one) 1. Ethnobotany/ 2. Intellectual Property Rights 3.Plant Diversity and Human Welfare 4. Floriculture		GE-III
IV	8. Molecular Biology 9. Ecology 10.Plant Systematics		SEC-II (Any one) 5. Biofertilizers 6. Medicinal Botany 7. Mushroom Culture and Technology 8. Nursery and Gardening		GE-IV
V	11.Reproductive Biology of Angiosperms 12.Plant Physiology			DSE-I 1.Analytical Techniques in Plant Sciences DSE-II (any one) 2. Biostatistics 3.Natural Resource Management	
VI	13.Plant Metabolism 14.Plant Biotechnology			DSE-III 4.Industrial and Environmental Microbiology DSE-IV (any one) 5.Bioinformatics 6. Plant Breeding	

• **CORE COURSES;  
DSCs; GE:**  
**Total papers: 22**  
**Credits:**  
**Theory: 22X4= 88**  
**Practicals: 22X2= 44**

• **SECs and AECCs**  
**Total paper: 4**  
**Credits: 4X2= 8**

## STEPS TO BE FOLLOWED FOR SELECTION OF OPTIONAL PAPERS

Go to College's Website (<http://andcollege.du.ac.in>)



Go to 'Latest @ ANDC' on left hand side



Click on 'Optional Paper Selection'



Read instructions by clicking on 'Instructions'



Click on 'Optional Paper Selection'



Login using your Course, Semester and Roll No



On left hand side panel Click on 'Optional Paper Selection'



Choose your options as per instructions



Submit your choices

# Exams

**Theory Exam: 75 marks Theory paper**

**25 marks (Internal assessment)**

- 10 marks: Test etc.
- 10 marks: Assignment etc.
- 5 marks: Attendance

**Practical: 50 Marks**

**25 Marks : Working Experiments**

**25 CE(continuous evaluation)**

- 10 marks: Laboratory records
- 10 marks: Test
- 5 marks: Attendance

# Teaching-learning Process Amidst COVID-19



Google Classroom



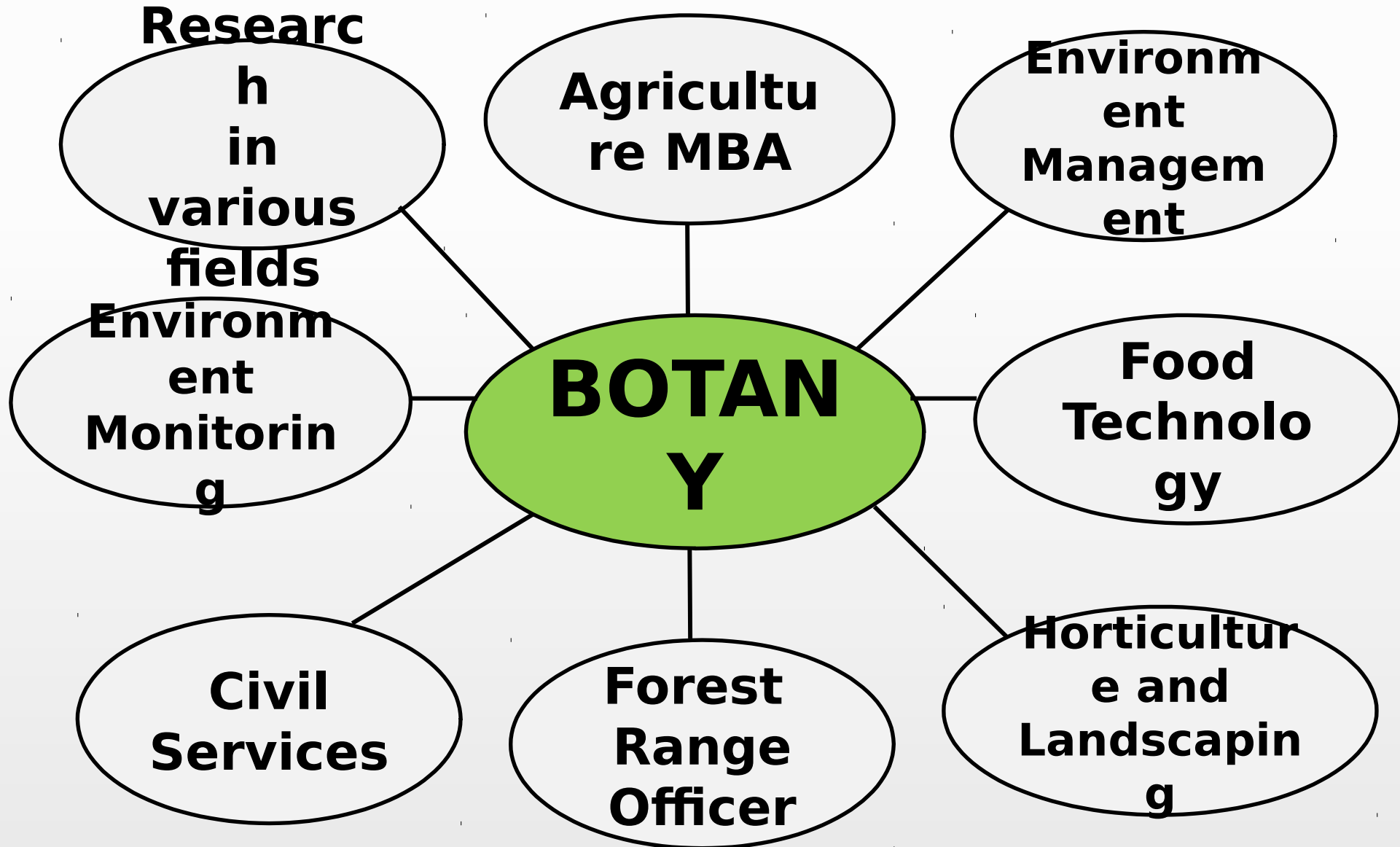
Microsoft Teams



Google Meet

# CAREER OPTION







**Thank  
you**