

REGISTRATION FORM

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Name.....

Designation.....

Institute with Postal Address

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Male/Female

Contact No.....

Fax No

Email.....

Title of the paper.....

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Presentation..... Oral/Poster.....

Accompanying
person.....

Any other
information.....

NATIONAL SEMINAR

**“Next Generation Sciences: Vision
2020 & Beyond”**

March 08, 2014



ORGANISER

**Department of Zoology
Maharshi Dayanand University, Rohtak,
Haryana
(NAAC Accredited ‘A’ Grade University)**

INVITATION

Dear Colleagues

With great pleasure we extend a warm welcome to you, on behalf of the Organizing Committee to participate in the National Seminar on “Next Generation Sciences: Vision 2020 & Beyond” You are also invited to attend this National Seminar for oral/poster presentation.

DEPARTMENT OF ZOOLOGY [DST-FIST DEPARTMENT]

The Department of Zoology came into existence in June 2009 under the able leadership of Prof. Vineeta Shukla, being founder Head of Department. Since beginning, Department is engaged in running Post Graduate Courses in Zoology and Genomics, the later one started in session 2012-13. The Department has successfully organized 04 National Seminars and also published the proceedings every year with ISBN No. Department has highly qualified, experienced and committed faculty. The faculty members of the Department are actively engaged in quality research in all major thrust areas of Zoology. The Department is funded by DST-FIST and UGC.

BRIEF INFORMATION OF SEMINAR

THEMES OF SEMINAR

The seminar will focus on the new dynamic era of science and technology which is now unfolding before our eyes, in the coming next 100 years, and beyond. The next era of science promises to be an even deeper, more thoroughgoing, more penetrating one than the last. Clearly, we are on the threshold of yet another revolution. Human knowledge is doubling every ten years. In the past decade, more scientific knowledge has been created than in all of human history. Computer power is doubling every eighteen months. The Internet is doubling every year. The number of DNA sequences we can analyze is doubling every two years. Almost daily, the headlines herald new advances in various fields of life sciences like zoology, botany, biochemistry, microbiology, biotechnology etc. and also in the fields of other sciences like physics, chemistry etc. From now to the year 2020 and beyond, scientists foresee an explosion in scientific activity such as the world has never seen before. In two

key technologies, computer power and DNA sequencing, we will see entire industries rise and fall on the basis of breathtaking scientific advances. In the wake of this technological upheaval, entire industries and lifestyles are being overturned, only to give rise to entirely new ones. But these rapid, bewildering changes are not just quantitative. They mark the birth pangs of a new era

THEMES OF SEMINAR

- ❖ Toxicology and Xenobiotics
- ❖ Drug Target Discovery and Development
- ❖ Genomics and Bioinformatics
- ❖ Biophysics and Biochemistry
- ❖ Biostatistics and Computers
- ❖ Molecular Biology
- ❖ Environmental Biotechnology
- ❖ Medical Biotechnology
- ❖ Applied Biology
- ❖ Biotechnology and Human Health
- ❖ Epidemiological Diseases
- ❖ Biosensor and Enzyme Biotechnology
- ❖ Pharmacology and Pharmacognosy
- ❖ Animal / Plant Parasitology
- ❖ Any other recent/emerging area theme related to Life Sciences

REGISTRATION FEE:

	On spot
Faculty/ Scientist	Rs. 500
Research Scholar	Rs. 300
Accompanying person	Rs. 200

Registration fee covers Seminar Kit, Lunch & Tea

ABSTRACT

Abstract (not exceeding 300 words) of original work are invited for oral/poster presentations. The name of presenting author should be underlined. The abstract could be submitted upto **25.02.2014** by email to: zoomdu.sem@gmail.com

PROCEEDINGS PUBLICATION WITH ISBN NUMBER

The fee for publications of MS in proceedings of seminar based on various specified as well as general Life Science themes will be **Rs. 1000/- (including registration fee)**. One of the authors of

the paper is required to be registered. The publication will be subject to decision of reviewers committee.

The research papers are to be submitted through email: zoomdu.sem@gmail.com on the format as under: -

	Arial/Alignment	Font size
Title	Caps/Centre	14 bold
Running title	Running/Centre	10 bold
Authors	Running/Centre	12 Bold
Abstract	Running/Justified	7
Text	Running/Justified	8
Corresponding author with email	Asterisked/Centre	10
Headings	Running/Centre	10 bold
Subheading	Running/Justified	9 bold
Text	Running/Justified	8
Fig & table 1,2,3... caption at top	Running/Justified	7
References	Running/Hanging	7

Pattern of references in MS

(Sharma PK and Yadav SS 2010)

In running text Sharma and Yadav(2010), for more than two authors Sharma et al. (2010)

Bibliography

Res Paper

Sharma PK, Singh PK & Yadav SS, 2012: The toxic effect of imidacloprid on fecundity of *Channa punctatus*. *Canadian J Zoology* 16: 121-131.

Book

Hand P, 1988: Resources and application of biotechnology. Ed: R Greenshields, Mc Millan Press Ltd, USA pp 1717-1721.

Book Chapter

Hand P, 1988: Earthworm Biotechnology. In: Resources and application of biotechnology. Ed: R Greenshields, Mc Millan Press Ltd, USA pp 1717-1721.