School of Biochemistry (UTD) Information October 2013

Name: School of Biochemistry  
Short Name: BIOCHEM

Year of Establishment: 1984

Vision Statement:
Vision: Highly competent Biochemists and internationally known scientists who are ethical, social and environment conscious.

Mission: To impart technical knowledge, practical skills, values, social and environmental consciousness in order to serve academia, industry and society.

Name of Head: Dr. Deepak Bhatnagar

Website link: www.dauniv.ac.in

Courses/ Programmes Offered (PG/Doctoral):

<table>
<thead>
<tr>
<th>SNo.</th>
<th>Name</th>
<th>Subject(s)</th>
<th>Intake per year</th>
<th>Admission process</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>M.Sc.</td>
<td>Biochemistry</td>
<td>20 (merit seats) + 10 (self finance seats)</td>
<td>Admissions are through Entrance Test conducted by the Department in end of June. This year, the exam was conducted on 26.06.2013.</td>
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<tr>
<td>2</td>
<td>Ph. D.</td>
<td>Biochemistry</td>
<td>As per Ordinance No. 18 of the University</td>
<td>As per Ordinance No. 18 of the University. Admission was through Doctoral Entrance Test (DET).</td>
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Faculty Statistics (Professors, Associate Professors, Asst Professors, Contract Teacher)

Faculty members: 5

1. Dr. Deepak Bhatnagar, Professor and Head
2. Dr. Rekha Gadre, Professor
3. Dr. S.M. Gokhale, Sr. Lecturer
4. Dr. Meeta Jain, Sr. Lecturer
5. Dr. Amit Singh Yadav, Contract Teacher
Major Research Areas:

Free radical Biology, Radioprotection, Membrane Biology, Photosynthesis, Oxidative stress in plants due to heavy metal toxicity, Osmotic stress, Salt stress.

Number of Publications in 2012-13: 13 publications in reputed journals

Research and Publication output

List of Publications (2012-13)


The Department conducted the following National Seminars during the period 2012-13.

A seminar was organized by School of Biochemistry, DAVV, Indore on the following topic: “Phytoremediation of Degraded Environment: Emerging Issues and Challenges” on Sept., 25, 2012. Speaker: Dr. R.P. Singh, Professor, Dept. of Environmental Sciences, Babasaheb Bhimrao Ambedkar University, Lucknow.

A seminar was organised by School of Biochemistry, DAVV, Indore, on the theme “Intellectual Property Rights” on October, 13, 2012. The seminar was sponsored by M.P. Council of Science and Technology, Bhopal. The speakers and the topic were as follows.

1) Dr. G.K. Gupta, Principal Scientist, Directorate of Soybean Research, Khandwa Road, Indore. Topic: Intellectual Property Rights relevant to Indian agriculture.


3) Prof. Ghayur Alam, Ministry of HRD Chair, Professor of IP Law, Chairperson, Centre of Science, Technology and Law, The National Law Institute University, Bhopal 462002. Topic: An Overview of IPR spectrum in India.


National Mathematics Day was celebrated on 22 December 2012, supported by M.P. Council of Science and Technology, Bhopal and organized by School of Biochemistry/Mathematics, DAVV, Indore. Dr. N. Shradha, Professor, TIFR, Mumbai delivered a talk on Analytical Number Theory.
A national seminar on “Genetically Modified Crops” supported by MPCST, Bhopal, will be held on 14.09.2013 at School of Biochemistry, DAVV, Indore. Speaker: Dr. Phundan Singh, Former Director, Central Institute for Cotton Research, Nagpur.

A seminar on “Biosafety” was conducted on 20.09.2013. Talk was delivered by Dr. S.C. Dubey, High Security Animal Disease Laboratory, IVRI, Bhopal.

A seminar on “World Animal Day” was organised on 4.10.2013 by the support of MPCST, Bhopal, at School of Biochemistry, DAVV, Indore. The speakers were Dr. U.K. Garg, Dean and Professor, Dept. of Pathology, Veterinary College, Mhow, and Dr. B.S. Karada, Sr. Scientist, Institute of Animal Health and Veterinary Biologicals, Mhow.

**Major Projects Undertaken:**

The department is running 5 external funded projects:


2. UGC Major Research Project entitled “Characterization of structural features and interactions of erythrocyte membrane proteins of some non-human mammals” under Dr. S.M. Gokhale Grant- Rs. 6.20 Lakhs. (2010-2013).


4. Project on “Forest for sustainable livelihood” for National Environment Awareness Campaign (2011-12) sanctioned by Environment Planning and Coordination Organisation (EPCO) Bhopal (Grant Rs 10,000/-).

**Outreach Activity:**

1) Blood donation camps.
2) Cleanliness drive.
3) Green campus drive creates social outreach.
4) Khan River Cleanliness drive.

**Main Strengths:** Good quality research and teaching. The students are well placed nationally and also internationally in research. The research publication from this department is in reputed journals.
Total Built-up Area (Sq ft): Nearly 7,600 sq. ft.

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One Photo (small & latest) of Building with Visible Name (jpg file)