

11-20 Public institutes

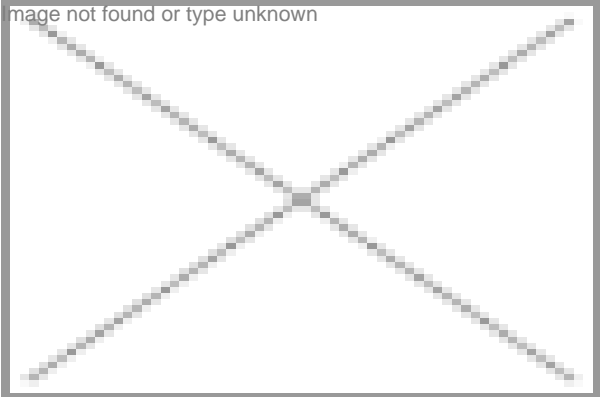
05 August 2010 | News



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MS Baroda University

Department of Microbiology and Biotechnology

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| Name of the Department: Department of Microbiology and Biotechnology |  |
| Courses: BTech, MSc, Post MSc Diploma and Phd in biotechnology | |
| Coordinator: Prof BB Chattoo (Head) | |
| Address: Faculty of Science, Maharaja Sayajirao University of Baroda, Baroda-390002, Gujarat | |
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Website:

www.bcmsu.ac.in/index.htm

Maharaja Sayajirao University of Baroda's Department of Microbiology and Biotechnology was started in 1964, and since 1985, it offers MSc biotechnology course in addition to the master's course in microbiology.

The post MSc diploma in genetic engineering and bioprocess development has been recently initiated, and is a specialized one year course with a total intake of 10 students. According to Prof Bharat Bhushan Chattoo, coordinator, Department of Microbiology and Biotechnology Center, there are many people from the industry applying for this course and half of the seats for this course are industry sponsored.

Courses for the department, at regular intervals, are devised and introduced by a board of members, drawn both from the academia as well as from the industry. This keeps the department in tune with the trends and demands of the time.

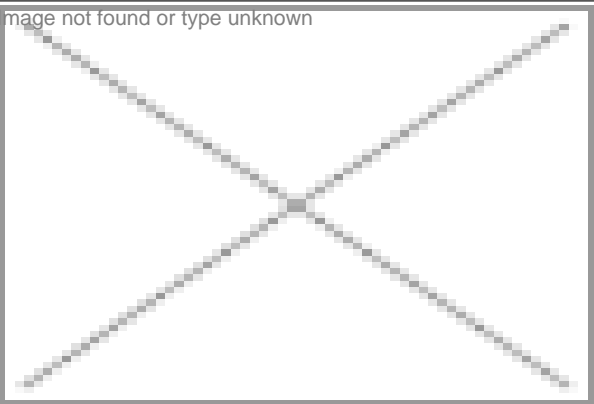
The program begins with a fundamental courses in biochemistry, genetics, microbiology and molecular biology and then proceed to a thorough study of their selected area of specialization. Students are also given basic training in developmental biology, genetic engineering, biochemical engineering and some aspects of biophysics, biostatistics and environmental biology.

The biotechnology training program was started with support from NBTB (DBT) and UGC. In 2003, the department had produced 90 PhDs and a large number of research papers are regularly published in journals of international repute.

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University of Jammu

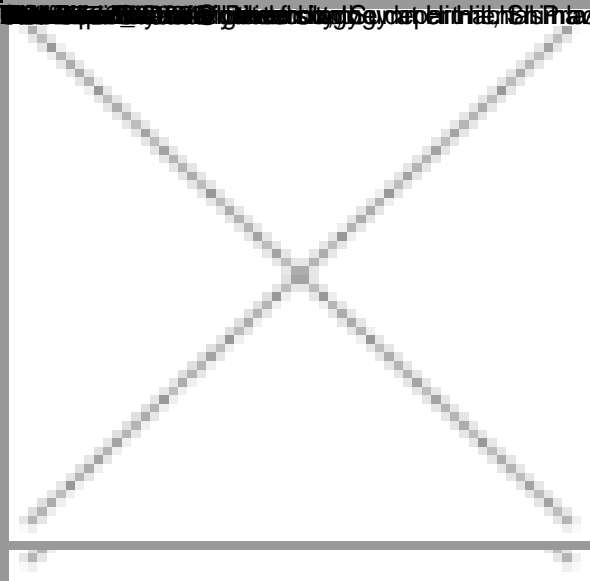
Department of Biotechnology

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| Name of the Department: Department of Biotechnology |  |
| Courses: MSc and PhD in biotechnology | |
| Coordinator: Dr Manoj K Dhar | |
| Address: Dr BR Ambedkar Road, Jammu-180006, Jammu & Kashmir | |
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The Department of Biotechnology at the University of Jammu was established in December 1998 with major funding from the DBT. Admission to the university that offers MSc and MTech in biotechnology is made through the national JNU entrance test. The first batch of students was admitted in August 1999. Out of the 80-odd post-graduate students produced by the department, most of them have opted for higher studies and few have joined the industry.

The students have also been selected for PhD programs of reputed research institutes namely IISc, CCMB, NII and NBRC. The department has developed a well-knit course curriculum to help students to gain placements in research institutions of international repute. The department has also been selected for FIST grants by the Department of Science and Technology, Government of India.

In total there are 12 labs in the department, out of which, five research labs are fitted with world-class laboratory tables with on-table facility for gas, vacuum and power. There is one plant tissue culture lab, two core instrumentation facilities, three labs for MSc students and a bioinformatics lab. The school of biotechnology houses fully-developed laboratories, radioactivity



culture facility. The department also subscribes eight international journals.

papers in the national journals and 25 research papers have found place in the

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| biotechnology | |
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| Address: Department of Biotechnology, University of Pune, Pune-411007, Maharashtra | |
| Tel: +91-20-25694952 Fax: +91-20-25691821 | |
| Email: jkpal@unipune.ac.in | |
| Website: www.unipune.ac.in/academics/department/biotechnology | |

The Department of Biotechnology at the University of Pune has many laurels to its credit and has been ranked No.13 in BioSpectrum BT School Survey 2010. Presently, there are three full-time faculty members who have a teaching experience of more than five years, with all three members being PhD holders. There are 30 visiting faculty members, out of which, 25 members have an experience of more than five years. Five members from the visiting faculty group have been drawn from the industry.

Between June 2007 and May 2010, there were 14 research papers published in international journals while two in national journals. Total value of government-sponsored projects commissioned during this period amounted to 1.5 crore.

The department has altogether five labs with each having the capacity to accommodate 25 students. In terms of infrastructure and upgradation, the department made significant investments over the past one year. The University of Pune and UGC have sanctioned 3 crore for a new building for biotechnology department. The department also received 10 lakh for infrastructure development from DST. It procured a number of modern sophisticated equipment (real-time PCR, HPLC, 2-D PAGE system) worth 1.3 crore from the University of Pune and the DBT.

The total capital expenditure incurred on subscribing biotech-related books was 1.5 lakh while for journals it was 1 lakh. The department has purchased about 80 lakh worth laboratory equipments and 25 lakh worth consumables, like reagents and biologicals, during 2009-10.

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University of Burdwan Department of Biotechnology

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| Name of the Department: Department of Biotechnology | |
| Courses: M.Sc and PhD in Biotechnology | |
| Coordinator: Dr Pranab Roy | |