

**Government of India
Bhabha Atomic Research Centre
Nuclear Agriculture & Biotechnology Division**

Ref. No: BARC/NABTD/2015/OPA/121511

Dated: 08-09-2015

Sub: Approval of new elective courses for OCES-Bioscience (2015-16 onwards)

TSBSC meeting held on 07-07-2015 had approved six new elective courses. Subsequently the matter was discussed in BoS-LS on 03-08-2015 and as per the suggestions from BoS, the follow up action was taken. The details are given in the attached list. Kind approval of Board of Studies, HBNI (Life Science) is requested.

B.K. Das
08/09/2015

(B. K. Das)

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To
The Convener,
Board of Studies-Life Sciences (BoS-LS),
HBNI

CC: 1) Dean, Academic-Life Sciences, HBNI
2) Coordinator, HBNI Ph. D. students

(Dr. Hemant Kojari)
MB

SKK
8/9/15

Forwarded Through: Chairman, TSBSC & AD (A), BSG

डॉ. शरद पी. काले/Dr. Sharad P. Kale

सह-निदेशक (अ), जैव-विज्ञान वर्ग एवं

Associate Director (A), Life Science Group &

जैव-विज्ञान विभाग एवं जैव-विज्ञान विभाग

जैव-विज्ञान विभाग, न्यूक्लियर कृषि विभाग

भाग, न्यूक्लियर कृषि विभाग, बhabha Atomic Research Centre

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New Elective courses: Decision of TSBSC (07-07-2015) & Board of Studies (Life Science) (03-08-2015)

Sr. No.	Title	Course Coordinator	Decision of TSBSC (07-07-15)	Decision of BoS-LS(03-08-15)	Follow up Action Taken
1	Genome Biology: Basics & its possible applications	Dr. H. S. Misra	Accepted	Change of Title to indicate that this is an advanced course	The course coordinator has suggested the Title as "Advances in Genome Biology"
2	Principles & Practices of Mutation Breeding	Dr. J. G. Manjaya	Accepted	Since this is an essential course to be taken by all TSOs/Ph.D. students; it should be preferably included as a part of the core course (Crop Science) for the next year	Dropped; Next year the topics will be included in core course on Crop Science
3	Protein expression, purification from native and recombinant sources and their characterization	Dr. Rajain Kant C	Accepted with following suggestions: Modify the syllabus, the overlapping portion with core course need to be changed	Not suitable as an elective; The methods may be incorporated in the Research Methodology	Dropped; next year we shall put the topics in Research methodology
4	Structural Biology	Dr. Vinay Kumar	Accepted	Reframe the Title so that it looks as an elective; The word 'Structural Biology' used in core course should not be used in the title	The course coordinator has suggested the Title as "Principles and practices in Structural Biology"
5	Advanced Instrumentation	Dr. K.C. Bhainsa	Accepted with following suggestions: Modify the syllabus (NGS & Bhabhatron)	Represent the full title as "Advanced instrumentation for Bioanalysis and imaging"	The Course Coordinator has suggested the Title as "Advanced Instrumentation for Bioanalysis and Imaging"
6	Molecular Biology Methods in infectious diseases and thyroid cancer	Dr. Savita Kulkarni	Accepted	Title should be reframed to reflect about the meaning of the course	The Course Coordinator has suggested the Title as "Molecular biology methods in tuberculosis and thyroid cancer"

The follow up action is for kind approval of Chairman, TSBSC

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