



We can tailor-make courses for you – just tell us your needs!

In addition to the regular courses, Shodhaka will be glad to design short courses for a group of individuals or a company. [The leading scientist at Shodhaka has designed several such courses in past.](#) For example, he has designed a 75 hours-program for physicians to train them in modern research methodology. He also designed a 60 hours program cell and molecular biology for non-bio engineers of a bio-IT MNC.

Depending on your needs the programs could be designed with specific objectives of providing orientation, refreshing or training the participants in specific areas, such as the following:

- **Choosing available bioinformatics resources for specific purposes and using efficiently:** We have been performing critical comparative analysis of efficiency of various bioinformatics tools for specific purposes including microarray data analysis, gene expression databases, sequence analysis, primer designing, pathway analysis and protein-protein interaction databases. We can efficiently provide guidance and training by using our expertise.

[DETAILS](#)

[FEEDBACK FROM PARTICIPANTS](#)

- **Literature search, patent search and specialized information collection:** Literature search seems to be the most fundamental scientific methodology and yet the most lightly taken one! Our research shows that up to 70% of relevant citations could be lost by following routine search strategy such as using only PubMed. The results could also be misleading if the user does not make best use of all features of the search engine such as PubMed, Scopus, HighWire Press, CiteXplore, EBIMed, GoPubMed etc! We can design a training program that could make a huge difference in the overall productivity of your team! We are also developing multiple tools to facilitate information collection.
- **Data curation training:** Biocuration is an inevitable step in the current scenario of information handling. Without proper training and protocol, there could be serious damages done in terms of time management, reliability of final outcome and overall efficiency. We have developed in-house expertise in biocuration and will be glad to share our knowledge. We are also developing multiple tools to facilitate information collection and biocuration.
- **Quick Demystification of Biotechnology and Bioinformatics:** We have experience in organizing such programs. For example a one program was organized to convey the big picture of modern biology (biotechnology, bioinformatics and related subjects)! The course included talks where jargon words were avoided and plenty of animations had been used to convey the gist of Biotechnology and Bioinformatics. It was specially designed for professionals who have NOT studied biology/biotechnology in detail, but involved in bio-related activities (e.g., Bio-IT, management of Bio-organizations, marketing bio-products etc). Such a course could also be useful for students (or their parents) who are studying or just completed 10th or 10+2.

[DETAILS](#)

- **Orientation to experimental research work:** Combining the above introductory module with laboratory experimental modules of exposure level, we can bring in a better understanding of the research activities for a beginner. Such courses can be very useful for sales/marketing executives who have not been in touch with bio-subjects.
- **Experiment designing in molecular biology/trouble shooting, grant writing etc.**

These programs can be designed in various ways to suit your comfort:

- *at our place or yours*
- *continuously or intermittently (example: 3 hours a day and 2 days a week)*
- *on week days or week-ends*

Please [contact us](mailto:shodhaka@ibab.ac.in) (shodhaka@ibab.ac.in) for more details.