**Course: Advance Bio Informatics**

**Module Title: Databank Generation Steps**

**Module No: 84**

**Databank Generation** **Steps**

Steps may vary upon user’s requirements.

1. Identify the integration technique for your databank.
2. Identify list of databases from where you want to generate databank.
3. Prepare schema for your databank.

**Identify integration technique**

You need to decide whether you want to use data warehouse, semantic web or mediator-based technique.

**Choose the list of** **databases**

Select DBs for databank.

You also need to decide whether you want DNA, RNA, proteins or all of them in your databank.

You need to download data once you identified the integration technique.

**Prepare schema for your Databank**

If you are using data warehousing technique, this means you have to decide what will be the tables in your databank to store data. You need to decide the shape of your ontologies if you are using semantic Web technique. If you are using mediator based approach, you need to make sure that source databases are accessible using query. Write parsers to convert data into format suitable for your databank. Develop some access methods for your databank.