

**Parvatibai Chowgule College of Arts and Science**  
**Autonomous**  
**Department of BIOTECHNOLOGY**  
**(2018-2019)**

**COMPETENCY TEST REPORT**

**SEMESTER II**

**Name of the Teacher: Ms. Liesl De Silva**

**Subject: Biotechnology      Course: Fundamental Genetics (BIO-II.C-3)      Semester: II**

**Date & Time the Test was conducted: 05/12/2018 at 2 pm      Marks: 10**

**A. Summary of Results**

Out of a total of 30 registered students in FYBSc Biotechnology, 28 students answered the competency test, the results of which are detailed below:

<b>Sr. No.</b>	<b>No. of Students (who answered test)</b>	<b>Performance &lt; Average</b>	<b>Performance equals Average</b>	<b>Performance &gt; Average (Advanced Learners)</b>
		<b>(&lt;40%)</b>	<b>(40 – 60%)</b>	<b>(&gt;60%)</b>
	28	04	10	14

**B. Action Plan**

- Since 86% of the class is in the average and above average category, learning will be facilitated by providing activities to discover current relevant information pertaining to specific topics, particularly in Human Genetics.
- Tutorials will be conducted prior to assessments and examinations in order to ensure that students have the required subject knowledge and are able to apply the same. Special attention will be given to slow learners to assist the process of learning.
- Regular revision will be carried out as the syllabus progresses so that there is a continuous learning process.

**Signature of the Faculty: Liesl De Silva**

**Date: 10/12/2018**

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**COMPETENCY TEST REPORT**

**SEMESTER II**

**Name of the Teacher: Ms. Lee-Anne D'Costa**

**Subject: Biotechnology      Course: Basic Microbiology (BIO-II.C-4)**

**Semester: II**

**Date & Time the Test was conducted: 12/12/2018 at 11 am**

**Marks: 10**

**A. Summary of Results**

<b>Sr. No.</b>	<b>No. of Students (who answered test)</b>	<b>Performance &lt; Average (0-30%)</b>	<b>Performance equals Average (above 30% - 60%)</b>	<b>Performance &gt; Average (Advanced Learners) (above 60% -100%)</b>
	28	02	10	16

**B. Action Plan:**

The overall performance of the students has been satisfactory in this course. I will conduct more activities before each class on the topics I have finished in the previous class. I will also include surprise tests and application based activities so that they are compelled to study what is being taught in every class. I will also conduct special remedial classes for slow learners, if needed.

**Signature of the Faculty: Ms. Lee-Anne D'Costa**

**Date: 17/12/2018**

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**COMPETENCY TEST REPORT**

**SEMESTER IV**

**Subject: Biotechnology**      **Course: Concepts in Genetic Engineering (BIO-IV.C-6)**  
**Semester: IV**

**Teacher In charge: Dr.R.Kanchana**

**Performance level**

Less than average: 4% (below 40%)

Equal to average: 24% (between 40 – 50 %)

Above average: 72% (between 60 – 100 %)

**Summary of the results**

Total no of students: 26

No of students answered:25

As72% of the studentsfall above the average level, an attempt could be made to try one of the assessments at higher order levelcompletely.

**Tentative action plan**

- Give student tips on how to write systematically.
- Make time for revision
- Encouraging the student as it plays an important role in their success. Once confidence level of a weak student increases, he/she will improve.

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**COMPETENCY TEST REPORT**

**SEMESTER IV**

**Name of the Teacher: Ms. Lee-Anne D'Costa**

**Subject: Biotechnology    Course: Plant and Animal Physiology (BIO-IV.E-5)    Semester: IV**

**Date & Time the Test was conducted: 13/12/2018 at 10.30 am**

**Marks: 10**

**A. Summary of Results**

<b>Sr. No.</b>	<b>No. of Students (who answered test)</b>	<b>Performance &lt; Average (0-30%)</b>	<b>Performance equals Average (above 30% - 60%)</b>	<b>Performance &gt; Average (Advanced Learners) (above 60% -100%)</b>
	26	04	19	03

**B. Action Plan:**

The overall performance of the students has been satisfactory in this course. I will conduct more activities before each class on the topics I have finished in the previous class. I will also include surprise tests and application based activities so that they are compelled to study what is being taught in every class. I will also conduct special remedial classes for slow learners, if needed.

**Signature of the Faculty: Ms. Lee-Anne D'Costa**

**Date: 17/12/2018**

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**COMPETENCY TEST REPORT**

**SEMESTER IV**

**Subject: Biotechnology      Course: Applied Biophysics (BIO-IV.E-6) Semester: IV**

**Teacher In charge: Ms. Madhavi M. Motankar**

**Performance level**

Less than average: 12% (below 40%)

Equal to average: 44% (between 40 – 50 %)

Above average: 44% (between 60 – 100 %)

**Summary of the results**

Total no of students: 26

No of students answered:25

As 88% of the students fall equal to average and above the average level, an attempt could be made to try one of the assessments at a slightly higher order level completely.

**Tentative action plan**

- Give student tips on how to write systematically.
- Make time for revision.
- Encouraging the student as it plays an important role in their success. Once confidence level of a weak student increases, he/she will improve.

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**COMPETENCY TEST REPORT**

**SEMESTER IV**

**Name of the Teacher: Ms. Vallanka A.V. Dias**

**Subject: Biotechnology Course: Advanced Biochemistry (BIO-IV.E-8) Semester: IV**

**Date & Time the Test was conducted: 14<sup>th</sup> December 2018, 12.00 pm**

**A. Summary of Results**

<b>Sr. No.</b>	<b>No. of Students (who answered test)</b>	<b>Performance &lt; Average (below 30%)</b>	<b>Performance equals Average (31% to 70%)</b>	<b>Performance &gt; Average (Advanced Learners) (71% and above)</b>
1	24	01	20	03

**B. Action Plan**

- To ensure students revise their basics from the pre-requisite paper.
- To dedicate few lectures towards revising the basics.
- To conduct remedial classes if need be.

**Signature of the Faculty: Vallanka Dias**

**Date: 15<sup>th</sup> December 2018**

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**COMPETENCY TEST REPORT**

**SEMESTER VI**

**Subject: Biotechnology      Course: Bioethics and Biosafety (BIO-VI.C-8)      Semester: VI**

**Teacher In charge: Dr.R.Kanchana &Ms. Madhavi Motankar**

**Performance level**

Less than average: 4.3% (below 40%)

Equal to average: 4.3% (between 40 – 50 %)

Above average: 91.3 % (between 60 – 100 %)

**Summary of the results**

Total no of students: 25

No of students answered:23

As 91.3% of the students fall above the average level, an attempt could be made to try one of the assessments at higher order level completely.

**Tentative action plan**

- Give student tips on how to write systematically.
- Make time for revision

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**COMPETENCY TEST REPORT**

**SEMESTER VI**

**Subject: Biotechnology      Course: Advanced Microbiology (BIO-VI.E-13) Semester: VI**

**Teacher In charge: Dr.R.Kanchana &Ms. Madhavi M. Motankar**

**Performance level**

Less than average: 0% (below 40%)

Equal to average: 13% (between 40 – 50 %)

Above average: 87% (between 60 – 100 %)

**Summary of the results**

Total no of students: 25

No of students answered: 23

As 87% of the students fall above the average level, an attempt could be made to try one of the assessments at higher order level completely.

**Tentative action plan**

- Give student tips on how to write systematically.
- Make time for revision



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**COMPETENCY TEST REPORT**

**SEMESTER VI**

**Name of the Teacher: Ms. Vallanka A.V. Dias**

**Subject: Biotechnology Course: Industrial Biotechnology (Advanced) (BIO-VI.E-14)**

**Semester: VI**

**Date & Time the Test was conducted: 14<sup>th</sup> December 2018, 8.30 am**

**C. Summary of Results**

<b>Sr. No.</b>	<b>No. of Students (who answered test)</b>	<b>Performance &lt; Average (below 40%)</b>	<b>Performance equals Average (40% to 79%)</b>	<b>Performance &gt; Average (Advanced Learners) (80% and above)</b>
1	24	00	11	13

**D. Action Plan**

- **To encourage the students towards reading more research papers regarding the topics in syllabus.**
- **Also to make the students more involved in the class so that they develop soft skills like communication.**

**Signature of the Faculty: Vallanka Dias**

**Date: 15<sup>th</sup> December 2018**

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**COMPETENCY TEST REPORT**

**SEMESTER VI**

**Name of the Teacher: Ms. Liesl De Silva**

**Subject: Biotechnology      Course: Plant Biotechnology (BIO-VI.E-15)      Semester: VI**

**Date & Time the Test was conducted: 06/12/2018 at 9.30 am      Marks: 10**

**A. Summary of Results**

Out of a total of 25 registered students in TYBSc Biotechnology, 23 students answered the competency test, the results of which are detailed below:

<b>Sr. No.</b>	<b>No. of Students (who answered test)</b>	<b>Performance &lt; Average (&lt;40%)</b>	<b>Performance equals Average (40 – 60%)</b>	<b>Performance &gt; Average (Advanced Learners) (&gt;60%)</b>
	23	01	11	11

**B. Action Plan**

- Since 96% of the class is in the average and above average category, learning will be enhanced through higher order question which will involved critical thinking and analysis.
- Tutorials will be conducted prior to assessments and examinations in order to ensure that students have the required subject knowledge and are able to apply the same. Special attention will be given to slow learners to assist the process of learning.
- Regular revision will be carried out as the syllabus progresses so that there is a continuous learning process.

**Signature of the Faculty: Liesl De Silva**

**Date: 10/12/2018**