**Books**


**Course Website** - [https://sites.google.com/site/microbialphysiologyoddsem/home](https://sites.google.com/site/microbialphysiologyoddsem/home)
### LESSON PLAN

**Sunday** | **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** | **Saturday**
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 | 21 | 22 | 23 | 24 | 25 | 26 | 27
 | 28 | 29 | 30 | 31 |  |  |  

- **Microbial nutrition -** Heterotrophs, autotrophs,
- **Growth factor affects bacterial growth**
- **Measurement of Microbial growth:** Gravimetry, turbidometry
- **Continuous culture, Synchronous culture & Sporulation**
- **Transport of nutrients**

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**Books**


**Course Website** - https://sites.google.com/site/microbialphysiologyoddsem/home

**Academic year -** 2019-30 (Odd Semester)

**Faculty name -** V.S. Saravanan

**Course & Subject -** Bacterial Physiology & Metabolism (4 hrs) APMB 231

B.Sc. Applied Microbiology
# Academic year - 2019-20 (Odd Semester)
**Faculty name** - V.S. Saravanan
**Course & Subject** - Bacterial Physiology & Metabolism (4 hrs) APMB 231
B.Sc. Applied Microbiology

## LESSON PLAN

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**Books**


**Course Website** - https://sites.google.com/site/microbialphysiologyoddsem/home

**Academic year -** AUGUST- 2019
**Faculty name -** V.S. Saravanan
**Course & Subject -** Bacterial Physiology & Metabolism (4 hrs) APMB 231
B.Sc. Applied Microbiology

**Lessons for the Week**

- **1.** Passive and facilitated diffusion
- **2.** Active transport and ABC transport
- **3.** Uniport, symport and antiport based nutrient transport
- **4.** Group translocation and protein export system
- **5.** role of osmoregulatory proteins & Permiomics

**REVISION OF Q PAPER**

- **I UNIT**

**Faculty name** - V.S. Saravanan
**Course & Subject** - Bacterial Physiology & Metabolism (4 hrs) APMB 231
B.Sc. Applied Microbiology

**Lessons for the Week**

- **1.** Passive and facilitated diffusion
- **2.** Active transport and ABC transport
- **3.** Uniport, symport and antiport based nutrient transport
- **4.** Group translocation and protein export system
- **5.** role of osmoregulatory proteins & Permiomics

**REVISION OF Q PAPER**

- **I UNIT**
### Books


### Course Website

Course Website - https://sites.google.com/site/microbialphysiologyoddsem/home
# Lesson Plan

**Course & Subject:** Bacterial Physiology & Metabolism (4 hrs) APMB 231  
**B.Sc. Applied Microbiology**

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<td>Chemolithotrophic bacteria</td>
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<td>HMP pathway &amp; Entner Doudroff Pathway &amp; Glyoxylate cycle</td>
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**Books**


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### LESSON PLAN

**Academic year -** 2019-20 (Odd Semester)  
**Faculty name -** V.S. Saravanan  
**Course & Subject -** Bacterial Physiology & Metabolism (4 hrs) APMB 231  
**B.Sc. Applied Microbiology**

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**TERM END EXAM**

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**Books**


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