

Rajarshi Shahu Mahavidyalaya (Autonomous), Latur
Department of Zoology and Fishery Science
Structured Work Plan for Teaching
Academic Year 2020-21 (Term-II)

1. Details of Classes to be taught

| Class | Name of Teacher | Course Title | Course Code | Practical paper code | Total Teaching Hours |
|-----------------------|-----------------------|---------------------------------|-------------|----------------------|----------------------|
| B.Sc. F.Y. (Sem - II) | Dr. Kakasaheb S. Raut | Histology and Histochemistry-IV | U-ZOO-258 | Lab Course-II | Th-45 |

2. Summary of Lesson Plan

| Sr. No. | Unit and Chapter to be covered | Date From | Date To | No. of Lectures | Academic activities to be organized | No. of Test / Assignment with topic |
|---------|--|------------|------------|-----------------|-------------------------------------|-------------------------------------|
| 1 | UNIT I: Epithelial tissue to Loose connective tissue | 10-03-2021 | 10-04-2021 | 11 | | |
| 2 | UNIT II: Histology of organs | 15-02-2021 | 06-05-2021 | 11 | Power point presentation | Assignment |
| 3 | UNIT III: (Histology of endocrine gland) | 07-05-2021 | 22-05-2021 | 09 | Seminar | |
| 4 | UNIT IV: Histochemical Technique for Proteins, Carbohydrates and Lipids. | 27.05.2021 | 11.06.2021 | 14 | Group Discussion | Surprised Test |

Course Teacher

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Dept. of Zoology
Rajarshi Shahu Mahavidyalaya
LATUR - 413012

(Signature)
Principal

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1. Details of Classes to be taught

| Class | Name of Teacher | Course Title | Course Code | Practical paper code | Total Teaching Hours |
|-------------------------|-----------------------|-------------------------|-------------|----------------------|----------------------|
| B.Sc. T.Y. (Sem -VI) | Dr. Kakasaheb S. Raut | Applied Zoology[II]-XII | U-ZOO-682 | Lab Course- | Th-45 |

2. Summary of Lesson Plan

| Sr. No. | Unit and Chapter to be covered | Date From | Date To | No. of Lectures | Academic activities to be organized | No. of Test / Assignment with topic |
|---------|---|------------|------------|-----------------|-------------------------------------|-------------------------------------|
| 1 | UNIT I: Aquaculture-Integrated fish farming | 26-03-2021 | 03-04-2021 | 12 | | |
| 2 | UNIT II: Culture of non fish organisms-Characteristics of water | 08-04-2021 | 05-05-2021 | 12 | Power point presentation | Assignment |
| 3 | UNIT III: Pisciculture Morphology to Design of fish and const. of farms | 07-05-2021 | 21-05-2021 | 11 | Seminar | |
| 4 | UNIT IV: Aquarium keeping Aquarium setting - Fish diseases. | 22-05-2021 | 11.06.2021 | 10 | Group Discussion | Surprised Test |

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|-----------------------|-----------------------|------------------------------------|-------------|----------------------|----------------------|
| M.Sc. F.Y. (Sem - II) | Dr. Kakasaheb S. Raut | Comparative anatomy of Vertebrates | | P-LC- | Th-60 |

2. Summary of Lesson Plan

| Sr. No. | Unit and Chapter to be covered | Date From | Date To | No. of Lectures | Academic activities to be organized | No. of Test / Assignment with topic |
|---------|---|------------|------------|-----------------|-------------------------------------|-------------------------------------|
| 1 | UNIT I: Protochordates to Amphibians | 22-04-2021 | 06-05-2021 | 13 | | |
| 2 | UNIT II: Chordate anatomy Reptiles -Mammals | 07-05-2021 | 15-05-2021 | 13 | Power point presentation | Assignment |
| 3 | UNIT III: Comparative anatomy from Fish to Mammals. | 16-05-2021 | 30-05-2021 | 12 | Seminar | |
| 4 | UNIT IV: Comparative functional anatomy anatomy | 31-05-2021 | 12-06-2021 | 12 | Group Discussion | Surprised Test |

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1. Details of Classes to be taught

| Class | Name of Teacher | Course Title | Course Code | Practical paper code | Total Teaching Hours |
|----------------------|-----------------------|----------------------------------|-------------|----------------------|----------------------|
| M.Sc. S.Y. (Sem -IV) | Dr. Kakasaheb S. Raut | Aquaculture and it's application | | | Th-60 |

2. Summary of Lesson Plan

| Sr. No. | Unit and Chapter to be covered | Date From | Date To | No. of Lectures | Academic activities to be organized | No. of Test / Assignment with topic |
|---------|--|------------|------------|-----------------|-------------------------------------|-------------------------------------|
| 1 | UNIT I: Aquaculture system - Hydrometrical data. | 22-02-2021 | 17-03-2021 | 15 | | |
| 2 | UNIT II: Aquaculture engineering, Design and constr. of ponds. | 18-03-2021 | 28-04-2021 | 14 | Power point presentation | Assignment |
| 3 | UNIT III: Pre-stocking management | 29-04-2021 | 11-05-2021 | 15 | Seminar | |
| 4 | UNIT IV: Applied Zoology - Sericulture - Dairy Industry | 13-05-2021 | 11-05-2021 | 16 | Group Discussion | Surprised Test |

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Academic Year 2020-21 (Term-I)

1. Details of Classes to be taught

| Class | Name of Teacher | Course Title | Course Code | Practical paper code | Total Teaching Hours |
|-------------------------|-----------------------|-------------------|-------------|----------------------|----------------------|
| B.Sc. F.Y. (Sem - I) | Dr. Kakasaheb S. Raut | General Zoology-I | U-ZOO-158 | Lab Course-I | Th-45 |

2. Summary of Lesson Plan

| Sr. No. | Unit and Chapter to be covered | Date From | Date To | No. of Lectures | Academic activities to be organized | No. of Test / Assignment with topic |
|---------|--|------------|------------|-----------------|-------------------------------------|-------------------------------------|
| 1 | UNIT I: General characters and Classification up to class level of each phylum) Protozoa-Annelida | 10-09-2020 | 08-10-2020 | 12 | | |
| 2 | UNIT II: Arthropoda to Protochordata | 11-10-2020 | 09-11-2020 | 10 | Power point presentation | Assignment |
| 3 | UNIT III: Chordates-Mammals | 12-11-2020 | 10-12-2020 | 06 | Seminar | |
| 4 | UNIT IV: Type study-Rat | 11.12.2020 | 21.01.2021 | 14 | Group Discussion | Surprised Test |

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Academic Year 2020-21(Term-I)

1. Details of Classes to be taught

| Class | Name of Teacher | Course Title | Course Code | Practical paper code | Total Teaching Hours |
|--------------------------|-----------------------|--------------|-------------|----------------------|----------------------|
| B.Sc. S.Y. (Sem -III) | Dr. Kakasaheb S. Raut | Genetics-VI | U-ZOO-364 | Lab Course-VI | Th-45 |

2. Summary of Lesson Plan

| Sr. No. | Unit and Chapter to be covered | Date From | Date To | No. of Lectures | Academic activities to be organized | No. of Test / Assignment with topic |
|---------|--|------------|------------|-----------------|-------------------------------------|-------------------------------------|
| 1 | UNIT I: Mendelian Genetics and modifications. | 13-07-2020 | 05-08-2020 | 12 | | |
| 2 | UNIT II: Multiple allele and Multiple genes. | 06-08-2020 | 04-09-2020 | 10 | Power point presentation | Assignment |
| 3 | UNIT III: Sex determination and Sex linked inheritance | 05-09-2021 | 17-10-2020 | 11 | Seminar | |
| 4 | UNIT IV: Human genetics | 20.10.2020 | 09.12.2020 | 12 | Group Discussion | Surprised Test |

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1. Details of Classes to be taught

| Class | Name of Teacher | Course Title | Course Code | Practical paper code | Total Teaching Hours |
|-------------------------|-----------------------|-------------------|-------------|----------------------|----------------------|
| B.Sc. T.Y. (Sem - V) | Dr. Kakasaheb S. Raut | Applied Zoology-X | U-ZOO-580 | Lab Course-VIII | Th-45 |

2. Summary of Lesson Plan

| Sr. No. | Unit and Chapter to be covered | Date From | Date To | No. of Lectures | Academic activities to be organized | No. of Test / Assignment with topic |
|---------|------------------------------------|------------|------------|-----------------|-------------------------------------|-------------------------------------|
| 1 | UNIT I: Sericulture | 14-07-2020 | 14-08-2020 | 12 | | |
| 2 | UNIT II: Apiculture | 17-08-2020 | 16-09-2020 | 12 | Power point presentation | Assignment |
| 3 | UNIT III: Lac culture | 17-09-2020 | 18-10-2020 | 12 | Seminar | |
| 4 | UNIT IV: Poultry culture | 18-11-2020 | 18-12-2020 | 12 | Group Discussion | Surprised Test |


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| Class | Name of Teacher | Course Title | Course Code | Practical paper code | Total Teaching Hours |
|-----------------------|-----------------------|---|-------------|----------------------|----------------------|
| M.Sc. S.Y. (Sem -III) | Dr. Kakasaheb S. Raut | Animal behavior and applied Zoology-XII | AAZ-388 | AAZ-396 | Th-60 |

2. Summary of Lesson Plan

| Sr. No. | Unit and Chapter to be covered | Date From | Date To | No. of Lectures | Academic activities to be organized | No. of Test / Assignment with topic |
|---------|---|------------|------------|-----------------|-------------------------------------|-------------------------------------|
| 1 | UNIT I: Ethology-Learning behaviour | 07-10-2020 | 21-10-2020 | 13 | | |
| 2 | UNIT II: Evolutionary approach of behavior to Dominance hierarchies | 22-10-2020 | 30-11-2020 | 16 | Power point presentation | Assignment |
| 3 | UNIT III: Individual social interactions-Learning | 01-12-2020 | 22-12-2020 | 17 | Seminar | |
| 4 | UNIT IV: Applied Zoology - Sericulture - Dairy Industry | 11-12-2020 | 23-12-2020 | 16 | Group Discussion | Surprised Test |

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