

KITTEL SCIENCE COLLEGE, DHARWAD**MONTHLY UNITISED TEACHING PLAN -2017-18**NAME: SMT MEGHA BETHEL
SUBJECT: BOTANY

CLASS: BSc I SEMESTER

MONTH: JULY

AVAILABLE HOURS: 04

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	01	Volvox classification, Thallus structure	
2.	01	Asexual Reproduction	
3.	01	Sexual Reproduction	
4.	01	Life Cycle	

MONTH: AUGUST

AVAILABLE HOURS: 04

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	01	Oedogonium Thallus and structure	
2.	01	Asexual Reproduction	
3.	01	Sexual Reproduction	
4.			



MONTH: AUGUST

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1.	01		
2.	01		
3.	01		

MONTH: SEPTEMBER

AVAILABLE HOURS: 04

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	01	Vaucheria. Asexual and Sexual Reproduction	
2.	01	Chara-Thallus, Sex organs, Asexual and Sexual Reproduction	
3.	01	Sexual Reproduction, Sargassum- Thallus and Recaptacle structure	
4.	01	Sexual Reproduction	

MONTH: OCTOBER

AVAILABLE HOURS: 04

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	01	Life Cycle of Sargassum	
2.	01	Revision class	

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SIGNATURE OF H.O.D

KITTEL SCIENCE COLLEGE, DHARWAD**MONTHLY UNITISED TEACHING PLAN -2017-18**

NAME: SMT MEGHA BETHEL

CLASS: BSc I SEMESTER

SUBJECT: BOTANY PRACTICAL

MONTH: JULY

AVAILABLE HOURS: 16

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	04	Introduction.Study of Cyanobacteria	
2.	04	Study of Volvox and Oedogonium	
3.	04	Study of Chara.Mounting	
4.	04	Study of Vaucheria and Ectocarpus	

NAME: SMT MEGHA BETHEL

CLASS: BSc I SEMESTER

SUBJECT: BOTANY PRACTICAL

MONTH: AUGUST

AVAILABLE HOURS: 16

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	04	Study of Sargassum and Batrachospermum	
2.	04	Study of Albugo and Rhizopus	
3.	04	Study of Pencillium and Peziza	
4.	04	Study of Puccinia and Cercospora	

MONTH: JULY

AVAILABLE HOURS: 16

MONTH: SEPTEMBER

AVAILABLE HOURS:16

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	04	Study of Plant diseases	
2.	04	Study of Plant diseases	
3.	04	Gram Staining	
4.	04	Gram Staining	

MONTH: OCTOBER

AVAILABLE HOURS: 08

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	04	Practical Internal Test	
2.	04	Revision	



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KITTEL SCIENCE COLLEGE, DHARWAD**MONTHLY UNITISED TEACHING PLAN -2017-18**

NAME: SMT MEGHA BETHEL

CLASS: BSc I SEMESTER

SUBJECT: BOTANY

MONTH: JUNE

AVAILABLE HOURS:02

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	01	Primary structure of Dicot and Monocot Root	
2.	01	Primary structure of Dicot and Monocot Stem	

MONTH: July

AVAILABLE HOURS: 04

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	01	Primary structure of Dicot and Monocot Leaf	
2.	01	Differences between of Dicot and Monocot Root	
3.	01	Differences between Dicot and Monocot Stem	
4.	01	Differences between of Dicot and Monocot Leaf	

MONTH: July

MONTH: August

AVAILABLE HOURS: 04

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	01	Normal Secondary Growth in Dicot Stem	
2.	01	Normal Secondary Growth in Dicot Root	
3.	01	Abnormal Secondary Growth in Bignonia stem	
4.	01	Abnormal Secondary Growth in Boerhaavia stem	

MONTH: September

AVAILABLE HOURS: 04

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	01	Abnormal Secondary Growth in Dracena	
2.	01	Abnormal Secondary Growth in Beet Root	
3.	01	General topics-Tylosis,Growth rings, Heart wood and Sap woo.Lenticels and Periderm	
4.	01	Wood Anatomy	

MONTH: October

AVAILABLE HOURS: 02

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	01	Lenticels and Periderm	
2.	01	Revision	

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MONTH: October

AVAILABLE HOURS: 02

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	01	Lenticels and Periderm	
2.	01	Revision	

KITTEL SCIENCE COLLEGE, DHARWAD**MONTHLY UNITISED TEACHING PLAN –2017-18**

NAME: SMT MEGHA BETHEL

CLASS: BSc III SEMESTER PRACTICAL

SUBJECT: BOTANY

MONTH: **JULY**AVAILABLE HOURS: **16**

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	04	Introduction. Meristimatic tissues	
2.	04	Study of Simple and Complex tissues	
3.	04	Study of Tissue systems- Vascular	
4.	04	Study of Tissue systems-Epidermal and Secretary	

MONTH: **AUGUST**AVAILABLE HOURS: **08**

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	04	Primary Structure of Dicot and Monocot Root	
2.	04	Primary Structure of Dicot and Monocot Stem	
3.	04	Primary Structure of Dicot and Monocot leaf	
4.	04	Normal Secondary growth in Dicot stem	

MONTH: September

AVAILABLE HOURS:16

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	04	Abnormal Secondary Growth in Bignonia	
2.	04	Abnormal Secondary Growth in Boerhaavia	
3.	04	Abnormal Secondary Growth in Dracena and Beet	
4.	04	Embryology-Microspoogenesis(slides)	

MONTH: October

AVAILABLE HOURS: 08

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	04	Types of Ovules(slide),Microtomy	
2.	04	Practical Internal test	
3.	04		
4.	04		

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MONTH: October

AVAILABLE HOURS: 08

KITTEL SCIENCE COLLEGE, DHARWAD**MONTHLY UNITISED TEACHING PLAN -2017-18**

NAME: SMT MEGHA BETHEL

CLASS: BSc V SEMESTER

SUBJECT: BOTANY

MONTH: JUNE

AVAILABLE HOURS: 16

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	01	Ecological groups-Hydrophytes	
2.	01	Ecological groups-Xerophytes	

MONTH: JULY

AVAILABLE HOURS: 04

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	01	Ecological groups-Halophytes	
2.	01	Ecological groups-Epiphytes	
3.	01	Heliophytes and Sciophytes	
4.	01	Plant Succession-Hydrosere	

MONTH: August

AVAILABLE HOURS: 04

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	01	Plant Succession-Xeroosere	
2.	01	Population and its characters,	
3.	01	Qualitative characters	
4.	01	Quantitative characters	

MONTH: September

AVAILABLE HOURS: 04

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	01	Biological Spectrum	
2.	01	Plants and Environment. Atmosphere.	
3.	01	Soil factor	
4.	01	Light factor	

MONTH: October

AVAILABLE HOURS: 02

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	01	Biodiversity hot spots-western Ghats and Eastern Himalayas	
2.	01	Revision	



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KITTEL SCIENCE COLLEGE, DHARWAD

MONTHLY UNITISED TEACHING PLAN -2017-18

NAME: SMT MEGHA BETHEL
SUBJECT: BOTANY

CLASS: BSc V SEMESTER

MONTH: **JUNE**

AVAILABLE HOURS: 02

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	01	Introduction to Taxonomy	
2.	01	Family Annonaceae	

MONTH: **July**

AVAILABLE HOURS: 04

SUBJECT: BOTANY

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	01	Family Brassicaceae	
2.	01	Family Malvaceae	
3.	01	Family Rutaceae	
4.	01	Family Fabaceae	

MONTH: August

AVAILABLE HOURS: 02

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	01	Family Myrtaceae	
2.	01	Family Combretaceae	
3.	01	Family Apiaceae	
4.	01	Family Rubiaceae	

MONTH: September

AVAILABLE HOURS: 04

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	01	Family Asteraceae	
2.	01	Family Sapotaceae	
3.	01	Family Apocynaceae and Convolvulaceae	
4.	01	Family Acanthaceae and Lamiaceae	

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KITTEL SCIENCE COLLEGE, DHARWAD**MONTHLY UNITISED TEACHING PLAN -2018-19**

NAME: SMT MEGHA BETHEL

CLASS: BSc I SEMESTER

SUBJECT: BOTANY

MONTH: JULY

AVAILABLE HOURS: 04

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	01	Volvox classification,Thallus structure	
2.	01	Asexual Reproduction	
3.	01	Sexual Reproduction	
4.	01	Life Cycle	

MONTH:AUGUST

AVAILABLE HOURS: 04

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	01	Oedogonium Thallus and structure	
2.	01	Asexual Reproduction	
3.	01	Sexual Reproduction	



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MONTH: SEPTEMBER

AVAILABLE HOURS: 04

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	01	Vaucheria. Asexual and Sexual Reproduction	
2.	01	Chara-Thallus, Sex organs, Asexual and Sexual Reproduction	
3.	01	Sexual Reproduction, Sargassum- Thallus and Recaptacle structure	
4.	01	Sexual Reproduction	

MONTH: OCTOBER

AVAILABLE HOURS: 04

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	01	Life Cycle of Sargassum	
2.	01	Revision class	



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KITTEL SCIENCE COLLEGE, DHARWAD**MONTHLY UNITISED TEACHING PLAN -2018-19**

NAME: SMT MEGHA BETHEL
SUBJECT: BOTANY PRACTICAL

CLASS: BSc I SEMESTER

MONTH: JULY

AVAILABLE HOURS: 16

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	04	Introduction.Study of Cyanobacteria	
2.	04	Study of Volvox and Oedogonium	
3.	04	Study of Chara.Mounting	
4.	04	Study of Vaucheria and Ectocarpus	

NAME: SMT MEGHA BETHEL

SUBJECT: BOTANY PRACTICAL

MONTH: AUGUST

AVAILABLE HOURS: 16

MONTH: JULY

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	04	Study of Sargassum and Batrachospermum	
2.	04	Study of Albugo and Rhizopus	
3.	04	Study of Pencillium and Peziza	
4.	04	Study of Puccinia and Cercospora	

MONTH: AUGUST

AVAILABLE HOURS: 16

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	04	Study of Sargassum and Batrachospermum	

MONTH: SEPTEMBER

AVAILABLE HOURS:16

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	04	Study of Plant diseases	
2.	04	Study of Plant diseases	
3.	04	Gram Staining	
4.	04	Gram Staining	

MONTH: OCTOBER

AVAILABLE HOURS: 08

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	04	Practical Internal Test	
2.	04	Revision	



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KITTEL SCIENCE COLLEGE, DHARWAD**MONTHLY UNITISED TEACHING PLAN -2018-19**

NAME: SMT MEGHA BETHEL

CLASS: BSc I SEMESTER

SUBJECT: BOTANY

MONTH: JUNE

AVAILABLE HOURS:02

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	01	Primary structure of Dicot and Monocot Root	
2.	01	Primary structure of Dicot and Monocot Stem	

MONTH: July

AVAILABLE HOURS: 04

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	01	Primary structure of Dicot and Monocot Leaf	
2.	01	Differences between of Dicot and Monocot Root	
3.	01	Differences between Dicot and Monocot Stem	
4.	01	Differences between of Dicot and Monocot Leaf	

MONTH: July

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	01	Primary structure of Dicot and Monocot Leaf	
2.	01	Differences between of Dicot and Monocot Root	
3.	01	Differences between Dicot and Monocot Stem	

MONTH: August

AVAILABLE HOURS: 04

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	01	Normal Secondary Growth in Dicot Stem	
2.	01	Normal Secondary Growth in Dicot Root	
3.	01	Abnormal Secondary Growth in Bignonia stem	
4.	01	Abnormal Secondary Growth in Boerhaavia stem	

MONTH: September

AVAILABLE HOURS: 04

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	01	Abnormal Secondary Growth in Dracena	
2.	01	Abnormal Secondary Growth in Beet Root	
3.	01	General topics-Tylosis,Growth rings, Heart wood and Sap woo.Lenticels and Periderm	
4.	01	Wood Anatomy	

MONTH: October

AVAILABLE HOURS: 02

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	01	Lenticels and Periderm	
2.	01	Revision	

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MONTH: October

DATE: 25/10/2024

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	01	Lenticels and Periderm	
2.	01	Revision	

KITTEL SCIENCE COLLEGE, DHARWAD**MONTHLY UNITISED TEACHING PLAN –2018-19**NAME: SMT MEGHA BETHEL
SUBJECT: BOTANY

CLASS: BSc III SEMESTER PRACTICAL

MONTH: **JULY**AVAILABLE HOURS: **16**

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	04	Introduction. Meristematic tissues	
2.	04	Study of Simple and Complex tissues	
3.	04	Study of Tissue systems- Vascular	
4.	04	Study of Tissue systems-Epidermal and Secretory	

MONTH: **AUGUST**AVAILABLE HOURS: **08**

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	04	Primary Structure of Dicot and Monocot Root	
2.	04	Primary Structure of Dicot and Monocot Stem	
3.	04	Primary Structure of Dicot and Monocot leaf	
4.	04	Normal Secondary growth in Dicot stem	

MONTH: September

AVAILABLE HOURS:16

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	04	Abnormal Secondary Growth in Bignonia	
2.	04	Abnormal Secondary Growth in Boerhaavia	
3.	04	Abnormal Secondary Growth in Dracena and Beet	
4.	04	Embryology-Microspooogenesis(slides)	

MONTH: October

AVAILABLE HOURS: 08

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	04	Types of Ovules(slide),Microtomy	
2.	04	Practical Internal test	

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1.	04	Types of Ovules(slide),Microtomy	
2.	04	Practical Internal test	

KITTEL SCIENCE COLLEGE, DHARWAD**MONTHLY UNITISED TEACHING PLAN -2018-19**NAME: SMT MEGHA BETHEL
SUBJECT: BOTANY

CLASS: BSc V SEMESTER

MONTH: JUNE

AVAILABLE HOURS: 16

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	01	Ecological groups-Hydrophytes	
2.	01	Ecological groups-Xerophytes	

MONTH: JULY

AVAILABLE HOURS: 04

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	01	Ecological groups-Halophytes	
2.	01	Ecological groups-Epiphytes	
3.	01	Heliophytes and Sciophytes	
4.	01	Plant Succession-Hydrosere	

MONTH: August

AVAILABLE HOURS: 04

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	01	Plant Succession-Xeroosere	
2.	01	Population and its characters,	
3.	01	Qualitative characters	
4.	01	Quantitative characters	

MONTH: September

AVAILABLE HOURS: 04

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	01	Biological Spectrum	
2.	01	Plants and Environment. Atmosphere.	
3.	01	Soil factor	
4.	01	Light factor	

MONTH: September

AVAILABLE HOURS: 04

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	01	Biological Spectrum	
2.	01	Plants and Environment. Atmosphere.	
3.	01	Soil factor	
4.	01	Light factor	

MONTH: October

AVAILABLE HOURS: 02

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	01	Biodiversity hot spots-western Ghats and Eastern Himalayas	
2.	01	Revision	



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KITTEL SCIENCE COLLEGE, DHARWAD

MONTHLY UNITISED TEACHING PLAN -2018-19

NAME: SMT MEGHA BETHEL
SUBJECT: BOTANY

CLASS: BSc V SEMESTER

MONTH: **JUNE**

AVAILABLE HOURS: **02**

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	01	Introduction to Taxonomy	
2.	01	Family Annonaceae	

MONTH: **July**

AVAILABLE HOURS: **02**

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	01	Family Brassicaceae	
2.	01	Family Malvaceae	
3.	01	Family Rutaceae	
4.	01	Family Fabaceae	
2.	01	Family Annonaceae	

MONTH: **JULY**

AVAILABLE HOURS: **02**

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	01	Family Annonaceae	
2.	01	Family Malvaceae	
3.	01	Family Rutaceae	
4.	01	Family Fabaceae	

MONTH: August

AVAILABLE HOURS: 02

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	01	Family Myrtaceae	
2.	01	Family Combretaceae	
3.	01	Family Apiaceae	
4.	01	Family Rubiaceae	

MONTH: September
HOURS: 04

AVAILABLE

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SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	01	Family Asteraceae	
2.	01	Family Sapotaceae	
3.	01	Family Apocynaceae and Convolvulaceae	
4.	01	Family Acantaceae and Lamiaceae	

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KITTEL SCIENCE COLLEGE, DHARWAD**MONTHLY UNITISED TEACHING PLAN -2019-20**NAME: SMT MEGHA BETHEL
SUBJECT: BOTANY

CLASS: BSc I SEMESTER

MONTH: JULY

AVAILABLE HOURS: 04

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	01	Volvox classification,Thallus structure	
2.	01	Asexual Reproduction	
3.	01	Sexual Reproduction	
4.	01	Life Cycle	

NAME: SMT MEGHA BETHEL
MONTH: AUGUSTCLASS: BSc I SEMESTER
AVAILABLE HOURS: 04

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	01	Oedogonium Thallus and structure	
2.	01	Asexual Reproduction	
3.	01	Sexual Reproduction	
4.	01		

MONTH: AUGUST



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1.	01		
2.	01		
3.	01		

MONTH: SEPTEMBER

AVAILABLE HOURS: 04

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	01	Vaucheria. Asexual and Sexual Reproduction	
2.	01	Chara-Thallus, Sex organs, Asexual and Sexual Reproduction	
3.	01	Sexual Reproduction, Sargassum- Thallus and Recaptacle structure	
4.	01	Sexual Reproduction	

MONTH: OCTOBER

AVAILABLE HOURS: 04

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	01	Life Cycle of Sargassum	
2.	01	Revision class	


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KITTEL SCIENCE COLLEGE, DHARWAD

MONTHLY UNITISED TEACHING PLAN -2019-20

NAME: SMT MEGHA BETHEL
SUBJECT: BOTANY PRACTICAL

CLASS: BSc I SEMESTER

MONTH: JULY

AVAILABLE HOURS: 16

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	04	Introduction.Study of Cyanobacteria	
2.	04	Study of Volvox and Oedogonium	
3.	04	Study of Chara.Mounting	
4.	04	Study of Vaucheria and Ectocarpus	

NAME: SMT MEGHA BETHEL
SUBJECT: BOTANY PRACTICAL
MONTH: **AUGUST**

CLASS: BSc I SEMESTER
AVAILABLE HOURS: 16

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	04	Study of Sargassum and Batrachospermum	
2.	04	Study of Albugo and Rhizophus	
3.	04	Study of Pencillium and Peziza	
4.	04	Study of Puccnia and Cercospora	

MONTH: AUGUST

AVAILABLE HOURS: 16

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	04	Study of Puccnia and Cercospora	

MONTH: SEPTEMBER

AVAILABLE HOURS: 16

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	04	Study of Plant diseases	
2.	04	Study of Plant diseases	
3.	04	Gram Staining	
4.	04	Gram Staining	

MONTH: OCTOBER

AVAILABLE HOURS: 08

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	04	Practical Internal Test	
2.	04	Revision	



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KITTEL SCIENCE COLLEGE, DHARWAD**MONTHLY UNITISED TEACHING PLAN -2019-20**

NAME: SMT MEGHA BETHEL
SUBJECT: BOTANY

CLASS: BSc I SEMESTER

MONTH: JUNE

AVAILABLE HOURS:02

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	O1	Primary structure of Dicot and Monocot Root	
2.	O1	Primary structure of Dicot and Monocot Stem	

MONTH: July

AVAILABLE HOURS: 04

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	O1	Primary structure of Dicot and Monocot Leaf	
2.	O1	Differences between of Dicot and Monocot Root	
3.	O1	Differences between Dicot and Monocot Stem	
4.	O1	Differences between of Dicot and Monocot Leaf	

MONTH: July

AVAILABLE HOURS: 04

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	O1	Primary structure of Dicot and Monocot Leaf	
2.	O1	Differences between of Dicot and Monocot Root	
3.	O1	Differences between Dicot and Monocot Stem	
4.	O1	Differences between of Dicot and Monocot Leaf	

MONTH: August

AVAILABLE HOURS: 04

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	01	Normal Secondary Growth in Dicot Stem	
2.	01	Normal Secondary Growth in Dicot Root	
3.	01	Abnormal Secondary Growth in Bignonia stem	
4.	01	Abnormal Secondary Growth in Boerhaavia stem	

MONTH: September

AVAILABLE HOURS: 04

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	01	Abnormal Secondary Growth in Dracena	
2.	01	Abnormal Secondary Growth in Beet Root	
3.	01	General topics-Tylosis, Growth rings, Heart wood and Sap woo. Lenticels and Periderm	
4.	01	Wood Anatomy	

MONTH: October

AVAILABLE HOURS: 02

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	01	Lenticels and Periderm	
2.	01	Revision	



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MONTH: October

AVAILABLE HOURS: 02

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KITTEL SCIENCE COLLEGE, DHARWAD**MONTHLY UNITISED TEACHING PLAN –2019-20**NAME: SMT MEGHA BETHEL
SUBJECT: BOTANY

CLASS: BSc III SEMESTER PRACTICAL

MONTH: **JULY**AVAILABLE HOURS: **16**

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	04	Introduction. Meristematic tissues	
2.	04	Study of Simple and Complex tissues	
3.	04	Study of Tissue systems- Vascular	
4.	04	Study of Tissue systems-Epidermal and Secretory	

MONTH: **AUGUST**AVAILABLE HOURS: **08**

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	04	Primary Structure of Dicot and Monocot Root	
2.	04	Primary Structure of Dicot and Monocot Stem	
3.	04	Primary Structure of Dicot and Monocot leaf	
4.	04	Normal Secondary growth in Dicot stem	

MONTH: September

AVAILABLE HOURS: 16

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	04	Abnormal Secondary Growth in Bignonia	
2.	04	Abnormal Secondary Growth in Boerhaavia	
3.	04	Abnormal Secondary Growth in Dracena and Beet	
4.	04	Embryology-Microspoogenesis(slides)	

MONTH: October

AVAILABLE HOURS: 08

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	04	Types of Ovules(slide),Microtomy	
2.	04	Practical Internal test	

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MONTH: October

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	04	Types of Ovules(slide),Microtomy	
2.	04	Practical Internal test	

KITTEL SCIENCE COLLEGE, DHARWAD**MONTHLY UNITISED TEACHING PLAN -2019-20**NAME: SMT MEGHA BETHEL
SUBJECT: BOTANY

CLASS: BSc V SEMESTER

MONTH: JUNE

AVAILABLE HOURS: 16

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	01	Ecological groups-Hydrophytes	
2.	01	Ecological groups-Xerophytes	

MONTH: JULY

AVAILABLE HOURS: 04

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	01	Ecological groups-Halophytes	
2.	01	Ecological groups-Epiphytes	
3.	01	Heliophytes and Sciophytes	
4.	01	Plant Succession-Hydrosere	

MONTH: August

AVAILABLE HOURS: 04

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	01	Plant Succession-Xeroosere	
2.	01	Population and its characters,	
3.	01	Qualitative characters	
4.	01	Quantitative characters	

MONTH: September

AVAILABLE HOURS: 04

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	01	Biological Spectrum	
2.	01	Plants and Environment. Atmosphere.	
3.	01	Soil factor	
4.	01	Light factor	

MONTH: Sept-2019

AVAILABLE HOURS: 04

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	01	Biological Spectrum	
2.	01	Plants and Environment. Atmosphere.	
3.	01	Soil factor	
4.	01	Light factor	

MONTH: October

AVAILABLE HOURS: 02

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	01	Biodiversity hot spots-western Ghats and Eastern Himalayas	
2.	01	Revision	



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KITTEL SCIENCE COLLEGE, DHARWAD**MONTHLY UNITISED TEACHING PLAN -2019-20**NAME: SMT MEGHA BETHEL
SUBJECT: BOTANY

CLASS: BSc V SEMESTER

MONTH: JUNE

AVAILABLE HOURS: 02

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	01	Introduction to Taxonomy	
2.	01	Family Annonaceae	

MONTH: July

AVAILABLE HOURS: 0

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	01	Family Brassicaceae	
2.	01	Family Malvaceae	
3.	01	Family Rutaceae	
4.	01	Family Fabaceae	

MONTH: July

AVAILABLE HOURS: 0

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	01	Family Brassicaceae	
2.	01	Family Malvaceae	
3.	01	Family Rutaceae	
4.	01	Family Fabaceae	

MONTH: August

AVAILABLE HOURS: 02

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	01	Family Myrtaceae	
2.	01	Family Combretaceae	
3.	01	Family Apiaceae	
4.	01	Family Rubiaceae	

MONTH: September

AVAILABLE HOURS: 04

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	01	Family Asteraceae	
2.	01	Family Sapotaceae	
3.	01	Family Apocynaceae and Convolvulaceae	
4.	01	Family Acanthaceae and Lamiaceae	



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DHARWAD-588 001

KITTEL SCIENCE COLLEGE, DHARWAD MONTHLY UNITISED TEACHING PLAN -

NAME: Smt Megha Bethel CLASS: B.Sc I Sem CBCS SUBJECT: BOTANY

MONTH: July Nov Dec AVAILABLE HOURS: 04

Theory

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	014	Algae. General Characters. Ecology and distribution	online Completed
2.	01	Range of thallus structure	Online Completed
3.	01	Reproduction	Online Completed
4.	01	Reproduction	Online Completed

MONTH: August June

AVAILABLE HOURS: 04

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	01	Classification of Algae	offline Completed
2.	01	Morphology & life cycle of Nostoc	offline Completed
3.	01	Morphology & life cycle of Chlamydomonas.	offline Completed
4.	01	Morphology and life cycle of Oedogonium	offline Completed

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KITTEL SCIENCE COLLEGE, DHARWAD
MONTHLY UNITISED TEACHING PLAN -

NAME: Smt Megha Bethel CLASS: B.Sc I Sem CBCS SUBJECT: BOTANY

MONTH: July Feb AVAILABLE HOURS: 04 Practical

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	014	Morphology & life cycle of Vaucheria	Completed
2.	01	Morphology & life cycle of Polysiphonia.	Completed
3.	01	Economic importance of algae.	Completed
4.	01	Revision.	

MONTH: August March AVAILABLE HOURS: 04 _____

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.			
2.			
3.			
4.			

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KITTEL SCIENCE COLLEGE, DHARWAD

MONTHLY UNITISED TEACHING PLAN -

NAME: Smt Megha Bethel CLASS: B.Sc I Sem CBCS SUBJECT: BOTANY

MONTH: July Jan AVAILABLE HOURS: 04 Practicals

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	04	Study of Vegetative parts of <i>Oedogonium</i> & <i>Vaucheria</i> .	Completed
2.	04	Study of Asexual stages of <i>Rhizopus</i> & <i>Penicillium</i>	Completed
3.	04	Study of mounting of Spores of <i>Puccinia</i>	Completed
4.	04	Study of lichens & Agaricus.	Completed

MONTH: August Feb AVAILABLE HOURS: 04

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	04	Morphology & reproductive structures of <i>Marchantia</i>	Completed
2.	04	Morphology & reproduction structures of <i>Ferns</i> and <i>Selaginella</i> .	Completed
3.	04	Morphology and reproductive structures of <i>Equisetum</i> .	Completed
4.	04	Morphology & leaflet and reproduction in <i>Cycas</i>	Completed

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KITTEL SCIENCE COLLEGE, DHARWAD MONTHLY UNITISED TEACHING PLAN -

NAME: Smt Megha Bethel CLASS: B.Sc I Sem ~~0000~~ SUBJECT: BOTANY

MONTH: March AVAILABLE HOURS: 04

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.	04	Morphology & reproduction in Rhus Pinus	Completed
2.	04	Practical test	Completed.
3.	04		
4.	04		

MONTH: August

AVAILABLE HOURS: 04

SL.NO.	HOURS	TOPIC PROPOSED TO BE TAUGHT	REMARKS
1.			
2.			
3.			
4.			

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