

Shri R.L.T. College of Science, Akola
Department of Chemistry
E-Content Development

Dr. P. T. Agrawal

Associate Professor
Department of Chemistry
Shri R.L.T. College of Science, Akola

Link/Class Code of Virtual/Google Class-Room

CLASS	SESSION	CLASS CODE
B.Sc.-I	2020-21	3upkkon
M.Sc.-I	2020-21	Gny3d6c
M.Sc.-II	2020-21	np34ymz

E-Content:

[B. Sc. II, Sem-3: Video Lecture on Volumetric Analysis Part I](#) – Dr. Poonam Agrawal
[Notes on Volumetric Analysis Part I For B. Sc. II sem III](#) – Dr. Poonam T. Agrawal

[Video lecture for B. Sc. II sem III Volumetric Analysis Part II](#) – Dr. Poonam Agrawal

[Assignment I Topic Volumetric Analysis](#) Dr. Poonam Agrawal
[B.Sc. II year Semester III Notes Volumetric Analysis Part I, II & III](#) Dr. Poonam Agrawal

[Online Quiz on Normality and Molarity, B.Sc. II year Semester III](#) Dr. Poonam Agrawal

[B.Sc. II year Solution of Google test](#) Dr. Poonam Agrawal

[BSc II Year Sem-3 Volumetric Analysis IV](#) Dr. P T Agrawal

[B Sc II year Semester -III Volumetric Analysis Part IV](#) Dr P T Agrawal
[B Sc II year Semseter III Volumetric Analysis Part V](#) Dr P T Agrawal

[B.Sc. II Year Semester- III Assignment 2](#) Dr. P. T. Agrawal
[BSc II year sem 3 Modern theory of acid base indicator](#) Dr. P T Agrawal

[B.Sc. II year sem-III Choice of acid base indicator](#) Dr. P. T. Agrawal.
[B.Sc. II Vedio lecture on Gauss Divergence Theorem -13 Shri. Prashant Gedam BSC II Sem III](#) Dr. P. T. Agrawal

[B. Sc. II year Sem- III MCQ test on volumetric Analysis](#) Dr. P. T. Agrawal

[B.Sc. II year sem-III video lecture Choice of indicators-2](#) Dr. P. T. Agrawal

[B.Sc. I sem I Paper pattern](#) Dr. P. T. Agrawal

[B.Sc. II Notes of choices of indicator](#) Dr. P. T. Agrawal

[Video lecture B.Sc. II year Redox titration Reagents](#) Dr. P. T. Agrawal

[Video lecture on Redox Titration Reagents Part II for B.Sc.II year](#) Dr. P.T.Agrawal

[B.Sc. I year video Lecture Inductive Effect Part II](#) Dr. Poonam Agrawal

[B.Sc. II year Notes on Redox Titration Reagents](#) Dr. Poonam Agrawal

[Video Lecture B.Sc. I Inductive effect Part III](#) Dr. Poonam Agrawal

[Online Google Test 2 on volumetric analysis](#) by Dr. Poonam Agrawal

[B.Sc. II year Video Lecture on Redox Titration Reagents Part III](#) By Dr. Poonam Agrawal

[B.Sc. I year Video Lecture on Electromeric effect](#) Dr. Poonam Agrawal

Dr. Pradip P. Deohate

Associate Professor

Department of Chemistry

Shri R.L.T. College of Science, Akola

Google Classroom : RLT-GC-01 Dr. Pradip Deohate, B.Sc.-II (Chemistry) (2019-20)

Google Classroom Code : gzrhf2o

E-Pathshala Web Link : <http://rltsc.edu.in/e-pathshala>

Videos - URLs / Hyperlinks of YouTube

Sr. No.	Title of the Videos	URLs / Hyperlinks of YouTube
1.	Video Lecture - Organic Chemistry, Sem-IV, Unit-III, Polynuclear Hydrocarbons-01 (Introduction, MO Diagram and Synthesis of Naphthalene)	Video Lecture https://youtu.be/Rneq_KYblKc
2.	Video Lecture - Organic Chemistry, Sem-IV, Unit-III, Polynuclear Hydrocarbons-02 (Electrophilic Substitution in Naphthalene)	Video Lecture https://youtu.be/kTtlwtEJSbA
3.	Video Lecture - Organic Chemistry, Sem-IV, Unit-III, Polynuclear Hydrocarbons-03 (Naphthols and Naphthylamines)	Video Lecture https://youtu.be/WkyGk2HCJVk
4.	Video Lecture - Organic Chemistry, Sem-IV, Unit-III, Reactive Methylene Compounds-01 (Malonic Ester)	Video Lecture https://youtu.be/TsdiFKXieSQ
5.	Video Lecture - Organic Chemistry, Sem-IV, Unit-III, Reactive Methylene Compounds-02 (Aceto Acetic Ester)	Video Lecture https://youtu.be/V12REAvaBaw
6.	Video Lecture - Organic Chemistry, Sem-IV, Unit-IV, Aromatic Nitro Compounds-01 (Introduction, Nomenclature and Synthesis of Nitrobenzene)	Video Lecture https://youtu.be/3vOB9c2BmtA
7.	Video Lecture - Organic Chemistry, Sem-IV, Unit-IV, Aromatic Nitro Compounds-02 (Reduction of Nitrobenzene)	Video Lecture https://youtu.be/jWNfU8lszUg
8.	Video Lecture - Organic Chemistry, Sem-IV, Unit-IV, Amino Compounds (Amines)-01 (Introduction and Nomenclature)	Video Lecture https://youtu.be/i7gMtdOh5g4

9.	Video Lecture - Organic Chemistry, Sem-IV, Unit-IV, Amino Compounds (Amines)-02 (Basicity of Amines - Alkyl Amines)	Video Lecture https://youtu.be/E4Xyww1XGA4
10.	Video Lecture - Organic Chemistry, Sem-IV, Unit-IV, Amino Compounds (Amines)-03 (Basicity and Synthesis of Aryl Amines)	Video Lecture https://youtu.be/hmdCpBAR4CU
11.	Video Lecture - Organic Chemistry, Sem-IV, Unit-IV, Amino Compounds (Amines)-04 (Reactions of Aryl Amines-Aniline)	Video Lecture https://youtu.be/joazOpvf81E

Notes - URLs / Hyperlinks of Google Drive

Sr. No.	Title of the Notes	URLs / Hyperlinks of Google Drive
1.	Notes - Polynuclear Hydrocarbons and Reactive Methylene Compounds, Sem-IV, Unit-III	PDF Document https://drive.google.com/file/d/1YQcLdazUpCFHoO8vgnE_tv3BNTTz1thu/view?usp=drive_web&authuser=0
2.	Notes - Polynuclear Hydrocarbons-01	PDF Document https://drive.google.com/open?id=1V81MoZu8T--0TQM0z6iBiajH0yGjGhL_O&authuser=0
3.	Notes - Polynuclear Hydrocarbons-02	PDF Document https://drive.google.com/open?id=1bk9OADXQOG95slJoLSev4Sv_udHXNTp7&authuser=0
4.	Notes - Polynuclear Hydrocarbons-03	PDF Document https://drive.google.com/file/d/1IZVb9C5YGNQKM6SxjhndQACWaeYutZrQ/view?usp=drive_web&authuser=0
5.	Notes - Reactive Methylene Compounds-01	PDF Document https://drive.google.com/file/d/1Y_Pl3Jdnw7dDAs9TFS1v6uu_ObKEXaSI/view?usp=drive_web&authuser=0
6.	Notes - Reactive Methylene Compounds-02	PDF Document https://drive.google.com/file/d/1wtylew39UMoWr_ejD2mBbpP9nGz79XQF/view?usp=drive_web&authuser=0
7.	Notes - Carbohydrates, Sem-IV, Unit-III	PDF Document https://drive.google.com/file/d/1IxoqpdlgHogm3LryAG12CeQzkn7KTV7A/view?usp=drive_web&authuser=0
8.	Notes - Aromatic Nitro Compounds, Amino Compounds, Amino Acids and Proteins, Sem-IV, Unit-IV	PDF Document https://drive.google.com/file/d/11-GxfTIKR_MQ1yThQ_qQMZX-Ak08vOf/view?usp=drive_web&authuser=0
9.	Notes - Aromatic Nitro Compounds-01	PDF Document https://drive.google.com/file/d/1G1grYD7WeofyRTY6CAC3dC9hXyeaE7TV/view?usp=drive_web&authuser=0
10.	Notes - Aromatic Nitro Compounds-02	PDF Document https://drive.google.com/file/d/1zaTBIp0RgyybN_MAN7d4bUoGwcOyRaX/view?usp=drive_web&authuser=0
11.	Notes - Amino Compounds (Amines)-01	PDF Document

		https://drive.google.com/file/d/1Igl5zSU_WkOq4AOGriTNFzDpL7LDmEx0/view?usp=drive_web&authuser=0
12.	Notes - Amino Compounds (Amines)-02	PDF Document https://drive.google.com/file/d/1igWQeNqLGNvHb50TtFgyQ299YabycPfd/view?usp=drive_web&authuser=0
13.	Notes - Amino Compounds (Amines)-03	PDF Document https://drive.google.com/file/d/1ZaA-IcH3ZhQJJx8TI0li26GtCR8nT_7K/vi ew?usp=drive_web&authuser=0
14.	Notes - Amino Compounds (Amines)-04	PDF Document https://drive.google.com/file/d/1IbrFy eLdba12IT_CDBj8G_x-MMkK4yuU/ view?usp=drive_web&authuser=0
15.	Notes - Amino Acids and Proteins-01	PDF Document https://drive.google.com/file/d/1-g3wx n-fOKs4dRF2EaXySi9hmyR1Mm7W /view?usp=drive_web&authuser=0
16.	Notes - Amino Acids and Proteins-02	PDF Document https://drive.google.com/file/d/1uLxO Uz ym3rxsmGyQs1KSKv14qOemBx VP/view?usp=drive_web&authuser=0
17.	Notes - Amino Acids and Proteins-03	PDF Document https://drive.google.com/file/d/1fjYC4 Jkd-isknsUdEk_bhnHnDrp18wg2/ view?usp=drive_web&authuser=0
18.	Notes - Amino Acids and Proteins-04	PDF Document https://drive.google.com/file/d/12cmU OXyR89bIVHfQC5BKq7CvXc-L729 h/ view?usp=drive_web&authuser=0
19.	Notes - Diazonium Salts, Sem-IV, Unit-IV	PDF Document https://drive.google.com/file/d/1Gd5u u688_cUIBpdACyAk7utyxfxRICf0/vi ew?usp=drive_web&authuser=0

Question Banks - URLs / Hyperlinks of Google Drive



























Sr. No.	Title of the Question Banks	URLs / Hyperlinks of Google Drive
1.	Question Bank - Polynuclear Hydrocarbons, Reactive Methylene Compounds and Carbohydrates, Sem-IV, Unit-III	PDF Document https://drive.google.com/file/d/1gbojip XSq3rDKs_Aj2eoU4BLBPtByEsT/vi ew?usp=drive_web&authuser=0
2.	Question Bank - Aromatic Nitro Compounds, Diazonium Salts, Amino Compounds, Amino Acids and Proteins, Sem-IV, Unit-IV	PDF Document https://drive.google.com/file/d/13vVIE aBoVzQpjTNNX_ryabAHLrL1VB07y/ view?usp=drive_web&authuser=0
3.	MCQ Question Bank - Polynuclear Hydrocarbons and Reactive Methylene Compounds, Sem-IV, Unit-III	PDF Document https://drive.google.com/file/d/11ApzZ Yq7SI7GauX58FS33WNwG8_r7YSP /view?usp=drive_web&authuser=0

MCQ Tests - URLs / Hyperlinks of Google Form


























Sr. No.	Title of the Question Banks	URLs / Hyperlinks of Google Drive
---------	-----------------------------	-----------------------------------

1.	MCQ Test - Polynuclear Hydrocarbons and Reactive Methylene Compounds, Sem-IV, Unit-III	Google Form https://forms.gle/8cnksiyT4F8YT4bC9
----	--	--

List of PPT and Videos

<ul style="list-style-type: none">  Amino Compounds (Amines) - Dr. Deohate  Amino Compounds (Amines)-01 (Introduction and Nomenclature)  Amino Compounds (Amines)-01 (Introduction and Nomenclature)  Amino Compounds (Amines)-02 (Basicity of Amines - Alkyl Amines)  Amino Compounds (Amines)-02 (Basicity of Amines - Alkyl Amines)  Amino Compounds (Amines)-03 (Basicity and Synthesis of Aryl Amines)  Amino Compounds (Amines)-03 (Basicity and Synthesis of Aryl Amines)  Amino Compounds (Amines)-04 (Reactions of Aryl Amine - Aniline)  Amino Compounds (Amines)-04 (Reactions of Aryl Amines - Aniline)  Aromatic Nitro Compounds - Dr. Deohate  Aromatic Nitro Compounds-01 (Introduction, Nomenclature and Synthesis of Nitrobenzene)  Aromatic Nitro Compounds-01 (Introduction, Nomenclature and Synthesis of Nitrobenzene)  Aromatic Nitro Compounds-02 (Reduction of Nitrobenzene)  Aromatic Nitro Compounds-02 (Reduction of Nitrobenzene)  Polynuclear Hydrocarbons - Dr. Deohate  Polynuclear Hydrocarbons-01 (Introduction, MO Diagram and Synthesis of Naphthalene)  Polynuclear Hydrocarbons-01 (Introduction, MO Diagram and Synthesis of Naphthalene)  Polynuclear Hydrocarbons-02 (Electrophilic Substitution in Naphthalene)  Polynuclear Hydrocarbons-02 (Electrophilic Substitution in Naphthalene)  Polynuclear Hydrocarbons-03 (Naphthols and Naphthylamines)  Polynuclear Hydrocarbons-03 (Naphthols and Naphthylamines)  Reactive Methylene Compounds - Dr. Deohate  Reactive Methylene Compounds-01 (Malonic Ester)  Reactive Methylene Compounds-01 (Malonic Ester)  Reactive Methylene Compounds-02 (Aceto Acetic Ester)  Reactive Methylene Compounds-02 (Aceto Acetic Ester)
--

List of Notes and Question Banks

<ul style="list-style-type: none">  B.Sc.-II (Chemistry) - Aromatic Nitro Compounds, Amino Compounds, Amino Acids and Proteins (Notes by - Dr. Pradip P. Deohate)  B.Sc.-II (Chemistry) - Carbohydrates (Notes by - Dr. Pradip P. Deohate)  B.Sc.-II (Chemistry) - Diazonium Salts (Notes by - Dr. Pradip P. Deohate)  B.Sc.-II (Chemistry) - Polynuclear Hydrocarbons, Reactive Methylene Compounds (Notes by - Dr. Pradip P. Deohate)  MCQ Question Bank (BSc-II, Sem-IV, Unit-III) (Polynuclear Hydrocarbons and Reactive Methylene Compounds)  MCQ Question Bank (BSc-II, Sem-IV, Unit-III) (Polynuclear Hydrocarbons and Reactive Methylene Compounds)  Notes-Amino Acids and Proteins-01 (B.Sc.-II, Chemistry)  Notes-Amino Acids and Proteins-02 (B.Sc.-II, Chemistry)  Notes-Amino Acids and Proteins-03 (B.Sc.-II, Chemistry)  Notes-Amino Acids and Proteins-04 (B.Sc.-II, Chemistry)  Notes-Amino Compounds (Amines)-01 (B.Sc.-II, Chemistry)  Notes-Amino Compounds (Amines)-02 (B.Sc.-II, Chemistry)  Notes-Amino Compounds (Amines)-03 (B.Sc.-II, Chemistry)  Notes-Amino Compounds (Amines)-04 (B.Sc.-II, Chemistry)  Notes-Aromatic Nitro Compounds-01 (B.Sc.-II, Chemistry)  Notes-Aromatic Nitro Compounds-02 (B.Sc.-II, Chemistry)  Notes-Polynuclear Hydrocarbons-01 (B.Sc.-II, Chemistry)  Notes-Polynuclear Hydrocarbons-02 (B.Sc.-II, Chemistry)  Notes-Polynuclear Hydrocarbons-03 (B.Sc.-II, Chemistry)  Notes-Reactive Methylene Compounds-01 (B.Sc.-II, Chemistry)  Notes-Reactive Methylene Compounds-02 (B.Sc.-II, Chemistry)  Question Bank (BSc-II, Sem-IV, Unit-III)  Question Bank (BSc-II, Sem-IV, Unit-III)  Question Bank (BSc-II, Sem-IV, Unit-IV)  Question Bank (BSc-II, Sem-IV, Unit-IV)
--

Dr. Pradip P. Deohate

Associate Professor
Department of Chemistry
Shri R.L.T. College of Science, Akola

Google Classroom : RLT-GC-01 Dr. Pradip Deohate, B.Sc.-II (Chemistry) (2020-21)
RLT-GC-02 Dr. Pradip Deohate, B.Sc.-II (Chemistry) (2020-21)

Google Classroom Codes : e4byqsp, bg3uoaz

E-Pathshala Web Link : <http://rltsc.edu.in/e-pathshala>

Videos - URLs / Hyperlinks of YouTube

Sr. No.	Title of the Videos	URLs / Hyperlinks of YouTube
1.	Video Lecture - Organic Chemistry, Sem-III, Unit-III, Aldehydes and Ketones-01 (Introduction and Preparations)	Video lecture https://youtu.be/qzZeTQfVhVE
2.	Video Lecture - Organic Chemistry, Sem-III, Unit-III, Aldehydes and Ketones-02 (Preparations)	Video lecture https://youtu.be/bfMgBWzpcVg
3.	Video Lecture - Organic Chemistry, Sem-III, Unit-III, Aldehydes and Ketones-03 (Structure and Acidity)	Video lecture https://youtu.be/P6RKeQrcsRc
4.	Video Lecture - Organic Chemistry, Sem-III, Unit-III, Aldehydes and Ketones-04 (Reactions-01)	Video lecture https://youtu.be/ujqvjPpm-ng
5.	Video Lecture - Organic Chemistry, Sem-III, Unit-III, Aldehydes and Ketones-05 (Reactions-02)	Video lecture https://youtu.be/EUGWRw_Wn-E
6.	Video Lecture - Organic Chemistry, Sem-III, Unit-III, Aldehydes and Ketones-06 (Reduction)	Video lecture https://youtu.be/7SaO5O4_O4
7.	Video Lecture - Organic Chemistry, Sem-III, Unit-III, Carboxylic Acids-01 (Introduction, Structure, Reactivity and Acidity)	Video lecture https://youtu.be/a60OQz5p0Bo
8.	Video Lecture - Organic Chemistry, Sem-III, Unit-III, Carboxylic Acids-02 (Acidity)	Video lecture https://youtu.be/Tn21x6PgngQ
9.	Video Lecture - Organic Chemistry, Sem-III, Unit-III, Carboxylic Acids-03 (Preparations and Reactions-01)	Video lecture https://youtu.be/5_eRN0lZ-Gw
10.	Video Lecture - Organic Chemistry, Sem-III, Unit-III, Carboxylic Acids-04 (Preparations and Reactions-02)	Video lecture https://youtu.be/FVi39UaPNik
11.	Video Lecture - Organic Chemistry, Sem-III, Unit-IV, Stereochemistry-01 (Isomerism)	Video lecture https://youtu.be/AYQbl9oumy4
12.	Video Lecture - Organic Chemistry, Sem-III, Unit-IV, Stereochemistry-02 (Elements of Symmetry)	Video lecture https://youtu.be/PGwl_YhghE8
13.	Video Lecture - Organic Chemistry, Sem-III, Unit-IV, Stereochemistry-03 (Optical Isomerism-01)	Video lecture https://youtu.be/N-Q-QdYhID4
14.	Video Lecture - Organic Chemistry, Sem-III, Unit-IV, Stereochemistry-04 (Optical Isomerism-02)	Video lecture https://youtu.be/wZQEoqD-6R8
15.	Video Lecture - Organic Chemistry, Sem-III, Unit-IV, Stereochemistry-05 (Optical Isomerism-03)	Video lecture https://youtu.be/EUAsPrntYY
16.	Video Lecture - Organic Chemistry, Sem-III, Unit-IV, Stereochemistry-06 (Geometrical Isomerism)	Video lecture https://youtu.be/CdHD1J4B95o

17.	Video Lecture - Organic Chemistry, Sem-III, Unit-IV, Stereochemistry-07 (Conformational Isomerism-01)	Video lecture https://youtu.be/DWkMH_YMUf0
18.	Video Lecture - Organic Chemistry, Sem-III, Unit-IV, Stereochemistry-08 (Conformational Isomerism-02)	Video lecture https://youtu.be/bggr2R11Buk
19.	Video Lecture - Organic Chemistry, Sem-III, Unit-IV, Stereochemistry-09 (Conformational Isomerism-03)	Video lecture https://youtu.be/e-T2rSmcQh8
20.	Video Lecture - Organic Chemistry, Sem-III, Unit-IV, Stereochemistry-10 (Conformational Isomerism-04)	Video lecture https://drive.google.com/file/d/1N1vssQr13gC6hhBQDJZWDKc7FtR9QF2S/view?usp=drivesdk
21.	Video Lecture - Organic Chemistry, Sem-III, Unit-IV, Stereochemistry-11 (Projection Formulae)	Video lecture https://youtu.be/k9-vqoRoZh0
22.	Video Lecture - Organic Chemistry, Sem-III, Unit-IV, Stereochemistry-12 (Stability of Cycloalkanes-01)	Video lecture https://youtu.be/saQxDSleID8
23.	Video Lecture - Organic Chemistry, Sem-III, Unit-IV, Stereochemistry-13 (Stability of Cycloalkanes-02)	Video lecture https://youtu.be/Q96D5PwIxZ4

Notes - URLs / Hyperlinks of Google Drive

Sr. No.	Title of the Notes	URLs / Hyperlinks of Google Drive
1.	Notes - Aldehydes and Ketones, Sem-III, Unit-III	PDF Document https://drive.google.com/open?id=1EaVLFL2IjSmTddhGVwoUsOobVEgxAc6G&authuser=0
2.	Notes - Name Reactions Mechanism, Sem-III, Unit-III	PDF Document https://drive.google.com/open?id=1DEX4fMO7_ZeHSzYM64iFUblVx6oGbOfg&authuser=0
3.	Notes - Carboxylic Acids, Sem-III, Unit-III	PDF Document https://drive.google.com/open?id=1CuQfC0bEvuxh50UqDk2ddIKY7K1BXzRf&authuser=0
4.	Notes - Stereochemistry, Sem-III, Unit-IV	PDF Document https://drive.google.com/open?id=1zdfQSV4jgutqY_pCoDGvvoVhaH5oJT_HV&authuser=0
5.	Notes - Book, Stereochemistry, Sem-III, Unit-IV	PDF Document https://drive.google.com/open?id=1fnRE7AVmePfJVv3mKSOqrNYKwGsTNX&authuser=0
6.	Notes - Stereochemistry-01	PDF Document https://drive.google.com/open?id=1coH0LPJcvww3ih-JeuVk4PafN13L48gg&authuser=0
7.	Notes - Stereochemistry-02	PDF Document https://drive.google.com/open?id=1kkuh5cjTfuM-lxe9sIVHMDMjwRwkrkvL&authuser=0
8.	Notes - Stereochemistry-03	PDF Document https://drive.google.com/open?id=1rOcYj69iHokjjKUu_DA9i5MWEREOzQcz&authuser=0
9.	Notes - Stereochemistry-04	PDF Document

		https://drive.google.com/open?id=1UIHX_ETcsuxUVxZJqoVTtWFUtQLwPA2-&authuser=0
10.	Notes - Stereochemistry-05	PDF Document https://drive.google.com/open?id=1BZiSYWG6SG4KZfQoUV6tqTeZkrmTjqKJ&authuser=0
11.	Notes - Stereochemistry-06	PDF Document https://drive.google.com/open?id=1r_ffKP0pTFxDBJ04Q9ahrz1N1V8xMQW8&authuser=0
12.	Notes - Stereochemistry-07	PDF Document https://drive.google.com/open?id=1Y2-QxaRVEuZfx5a80mlQdZfFEOaJijrF&authuser=0
13.	Notes - Stereochemistry-08	PDF Document https://drive.google.com/open?id=1iRxJNzGgJQ9mpzG_kUrZnxRZTLhMZTv&authuser=0

















































Question Banks - URLs / Hyperlinks of Google Drive

Sr. No.	Title of the Question Banks	URLs / Hyperlinks of Google Drive
1.	Question Bank - Aldehydes and Ketones, Carboxylic Acids, Sem-III, Unit-III	PDF Document https://drive.google.com/open?id=1deKcxvpeL6BYSkK8Nskz2PSMOyXWaRYO&authuser=0
2.	Question Bank - Stereochemistry, Sem-III, Unit-IV	PDF Document https://drive.google.com/open?id=1KhzR_UqbgxuFLzO2G1YfHQ1Adh8wjrCx&authuser=0
3.	MCQ Question Bank - Aldehydes and Ketones, Sem-III, Unit-III	PDF Document https://drive.google.com/file/d/1HxyC_GFNmI6yuS5NuS-6EzmShUDJvY9E/view?usp=drive_web&authuser=0
4.	MCQ Question Bank - Carboxylic Acids, Sem-III, Unit-III	PDF Document https://drive.google.com/file/d/1peqdrwK506-XfnzBHASTm8172D4ViPWU/view?usp=drive_web&authuser=0
5.	MCQ Question Bank - Stereochemistry, Sem-III, Unit-IV	PDF Document https://drive.google.com/open?id=18px8g2XQf0ZPTyBKivXGTY1hFBvC06Ww&authuser=0

MCQ Tests - URLs / Hyperlinks of Google Form


Sr. No.	Title of the Question Banks	URLs / Hyperlinks of Google Drive
1.	MCQ Test - Aldehydes and Ketones, Sem-III, Unit-III	Google Form https://forms.gle/Q2v4r2sseP3huBDP6
2.	MCQ Test - Carboxylic Acids, Sem-III, Unit-III	Google Form https://forms.gle/o9Sub7KB54upRrer9
3.	MCQ Test - Stereochemistry, Sem-III, Unit-IV	Google Form https://forms.gle/FU2hD1cziQq6o6v89


List of PPT and Videos


- | | |
|---|---|
|  Aldehydes and Ketones - Dr. Deohate |  Stereochemistry-03 (Optical Isomerism-01) |
|  Aldehydes and Ketones-01 (Introduction and Preparations) |  Stereochemistry-03 (Optical Isomerism-01) |
|  Aldehydes and Ketones-01 (Introduction and Preparations) |  Stereochemistry-04 (Optical Isomerism-02) |
|  Aldehydes and Ketones-02 (Preparations) |  Stereochemistry-04 (Optical Isomerism-02) |
|  Aldehydes and Ketones-02 (Preparations) |  Stereochemistry-05 (Optical Isomerism-03) |
|  Aldehydes and Ketones-03 (Structure and Acidity) |  Stereochemistry-05 (Optical Isomerism-03) |
|  Aldehydes and Ketones-03 (Structure and Acidity) |  Stereochemistry-06 (Geometrical Isomerism) |
|  Aldehydes and Ketones-04 (Reactions-01) |  Stereochemistry-06 (Geometrical Isomerism) |
|  Aldehydes and Ketones-04 (Reactions-01) |  Stereochemistry-07 (Conformational Isomerism-01) |
|  Aldehydes and Ketones-05 (Reactions-02) |  Stereochemistry-07 (Conformational-Rotational Isomerism-01) |
|  Aldehydes and Ketones-05 (Reactions-02) |  Stereochemistry-08 (Conformational Isomerism-02) |
|  Aldehydes and Ketones-06 (Reduction) |  Stereochemistry-08 (Conformational-Rotational Isomerism-02) |
|  Aldehydes and Ketones-06 (Reduction) |  Stereochemistry-09 (Conformational Isomerism-03) |
|  Carboxylic Acids - Dr. Deohate |  Stereochemistry-09 (Conformational-Rotational Isomerism-03) |
|  Carboxylic Acids-01 (Introduction, Structure, Reactivity and Acidity) |  Stereochemistry-10 (Conformational Isomerism-04)1 |
|  Carboxylic Acids-01 (Introduction, Structure, Reactivity and Acidity) |  Stereochemistry-11 (Projection Formulae) |
|  Carboxylic Acids-02 (Acidity) |  Stereochemistry-11 (Projection Formulae) |
|  Carboxylic Acids-02 (Acidity) |  Stereochemistry-12 (Stability of Cycloalkanes-01) |
|  Carboxylic Acids-03 (Preparations and Reactions-01) |  Stereochemistry-12 (Stability of Cycloalkanes-01) |
|  Carboxylic Acids-03 (Preparations and Reactions-01) |  Stereochemistry-13 (Stability of Cycloalkanes-02) |
|  Carboxylic Acids-04 (Preparations and Reactions-02) |  Stereochemistry-13 (Stability of Cycloalkanes-02) |
|  Carboxylic Acids-04 (Preparations and Reactions-02) | |
|  Stereochemistry - Dr. Deohate | |
|  Stereochemistry-01 (Isomerism) | |
|  Stereochemistry-01 (Isomerism) | |
|  Stereochemistry-02 (Elements of Symmetry) | |
|  Stereochemistry-02 (Elements of Symmetry) | |


List of Notes and Question Banks


 B.Sc.-II (Chemistry) - Aldehydes and Ketones (Notes by - Dr. Pradip P. Deohate)


 B.Sc.-II (Chemistry) - Carboxylic Acids (Notes by - Dr. Pradip P. Deohate)


 B.Sc.-II (Chemistry) - Stereochemistry (Notes by - Dr. Pradip P. Deohate)


 MCQ Question Bank (BSc-II, Sem-III, Unit-III) (Aldehydes and Ketones)


 MCQ Question Bank (BSc-II, Sem-III, Unit-III) (Aldehydes and Ketones)


 MCQ Question Bank (BSc-II, Sem-III, Unit-III) (Carboxylic Acids)


 MCQ Question Bank (BSc-II, Sem-III, Unit-III) (Carboxylic Acids)


 MCQ Question Bank (BSc-II, Sem-III, Unit-IV) (Stereochemistry)


 MCQ Question Bank (BSc-II, Sem-III, Unit-IV) (Stereochemistry)


 Notes-Stereochemistry-01 (B.Sc.-II, Chemistry)


 Notes-Stereochemistry-02 (B.Sc.-II, Chemistry)


 Notes-Stereochemistry-03 (B.Sc.-II, Chemistry)


 Notes-Stereochemistry-04 (B.Sc.-II, Chemistry)


 Notes-Stereochemistry-05 (B.Sc.-II, Chemistry)


 Notes-Stereochemistry-06 (B.Sc.-II, Chemistry)


 Notes-Stereochemistry-07 (B.Sc.-II, Chemistry)

 Notes-Stereochemistry-08 (B.Sc.-II, Chemistry)

 Question Bank (BSc-II, Sem-III, Unit-III)

 Question Bank (BSc-II, Sem-III, Unit-III)

 Question Bank (BSc-II, Sem-III, Unit-IV)

 Question Bank (BSc-II, Sem-III, Unit-IV)

E-Content Report of The Teacher (2019-20)

Name of the Teacher: Dr. P. R. Kawle

S.N.	Name of Teacher	Name of Class Subject	Name of the Paper (Final Year)	Unit taught	% of Syllabus completed	Methods use for completion of Course or Unit (Mail, WhatsApp, YouTube, Zoom, Webex any other online mode)	E - Content
1	2	3	4	5	6	7	8
1	Dr. Pravin R. Kawle Assistant Professor Department of Chemistry, Shri. R. L. T. College of Science, Akola	B.Sc.-III Chemistry	Sem-VI Session (2019-20)	Unit –III and Unit –V	70%	1) Video Lectures via you tube.com 2) Notes on Google class room and important questions 3) MCQ Test through Google class room (Unit wise and on Full syllabus)	-Video lectures via you tube with links:- 1) Unit IV NMR spectroscopy Part –I on 24-25/03/20 Introduction, Origin https://youtu.be/CTetpkANgIk 2) Unit IV NMR spectroscopy Part –II on 26/03/20 Anisotropic effect, Chemical shifts https://youtu.be/ebphu2e4tmA 3) Unit IV NMR spectroscopy Part –III on 27/03/20 Spin spin coupling, Spectrum of some compounds https://youtu.be/wDkvoN6puYQ 4) Unit IV - Mass Spectrometry Part- I on 01/04/20 Principle, Theory and Types of ions https://youtu.be/xQHJIAVwLtQ 5) Unit IV - Mass Spectrometry Part- II on 08/04/20 Fragmentation and Mass spectrum https://youtu.be/5wVjkcCh-EQ 6) Notes and important question on Google classroom UV Spectroscopy on 30/03/20 IR Spectroscopy on 13-14/04/20 NMR Spectroscopy on 13-14/04/20 <u>Google class code:</u> 7) Unit wise MCQ test through Google classroom Unit-III and IV on 14/04/20 <u>Google class code:</u>

E-Content Report of The Teacher (2020-21)

Name of the Teacher: Dr. P. R. Kawle

S.N.	Name of Teacher	Name of Class Subject	Name of the Paper (Final Year)	Unit taught	% of Syllabus completed	Methods use for completion of Course or Unit (Mail, WhatsApp, YouTube, Zoom, Webex any other online mode)	E - Content (Video lectures uploaded on youku.be.com are linked to e-pathshala portal of college website: http://rltsc.edu.in/e-pathshala/chemistry)
1	2	3	4	5	6	7	8
1	Dr. Pravin R. Kawle Assistant Professor Department of Chemistry, Shri. R. L. T. College of Science, Akola	B.Sc.-III Chemistry	Semester-V Session (2020-21)	Unit –III and Unit – IV	100%	1) Video Lectures via youku.be.com / e-pathshala 2) Notes on Google class room and important questions 3) MCQ Test through Google class room (Unit wise and on Full syllabus)	<p>-Video lecture prepared via you tube with links:-</p> <p>1) Unit-III BSc-III, Syllabus Introduction https://youtu.be/TguqiZGY110</p> <p>2) Unit-III BSc-III, Heterocyclic Compounds- Part A https://youtu.be/hLp7FVgJjgs</p> <p>3) Unit-III BSc-III, Heterocyclic Compounds https://youtu.be/8lGSErxh_e8</p> <p>4) Unit-III BSc-III, MO picture of Pyrrole https://youtu.be/cHsuvR7pL88</p> <p>5) Unit-III BSc-III, MO picture of Pyridine https://youtu.be/7Qb4Uiv_nxQ</p> <p>6) Unit-III BSc-III, Orientation of electrophilic substitution in Pyrrole https://youtu.be/bKyFqKZ74qA</p> <p>7) Unit-III BSc-III, Electrophilic substitution in Pyridine https://youtu.be/cxS06b1c_Ew</p> <p>8) Unit-III BSc-III, Orientation of Nucleophilic substitution in Pyridine https://youtu.be/0_nX-eXGmVk</p> <p>-----</p> <p>9) Unit-III BSc-III, Organometallic Compounds 1 Part B https://youtu.be/S0_a1um3bM0</p> <p>10) Unit-III BSc-III, Organometallic Compounds-2 https://youtu.be/xLkAopTLZ_k</p>

						<p>11) Unit-III BSc-III, Organometallic Compounds-3 https://youtu.be/yYIBZusZzK0</p> <p>12) Unit-III BSc-III, Organometallic Compounds-4 https://youtu.be/bgugmgI29MM</p> <p>13) Unit-III BSc-III, Organolithium Compounds-1 https://youtu.be/SYWn2Df9kki</p> <p>14) Unit-III BSc-III, Organolithium Compounds-2 https://youtu.be/ueLHh-o0rCU</p> <p>15) Unit-III BSc-III, Organolithium Compounds-3 -----</p> <p>16) Unit-IV BSc-III Part A- Dyes https://youtu.be/ZuTtKwVrkLE</p> <p>17) Unit-IV BSc-III Part A- Crystal Violet https://youtu.be/UwisXxERUGw</p> <p>18) Unit-IV BSc-III Part A- Pthalein Dye https://youtu.be/jMapcHJMuc0</p> <p>19) Unit-IV BSc-III Part A- Indigo Thioindigo https://youtu.be/6_lmxsEuzhg</p> <p>20) Unit-IV BSc-III Part A- Synthesis of Indigo Dye https://youtu.be/mTS1xU7QaUk</p> <p>21) Unit-IV BSc-III Part A- Alizarin https://youtu.be/HhxUiz2ikb8</p> <p>22) Unit-IV BSc-III Part B- Drugs https://youtu.be/Psg1Z4Ojs0Q</p> <p>23) Unit-IV BSc-III Part B- Sulphanilamide https://youtu.be/r29Z70OMnd8</p> <p>24) Unit-IV BSc-III Part B- Sulphadiazine https://youtu.be/4LGhKAdv18</p> <p>25) Unit-IV BSc-III Part B- Antimalerials https://youtu.be/5JWPa_Z53Do</p>
--	--	--	--	--	--	--

1	Dr. Pravin R. Kawle Assistant Professor Department of Chemistry, Shri. R. L. T. College of Science, Akola	B.Sc.-III Chemistry	Semester-VI Session (2020-21)	Unit –III and Unit – IV	70%	1) Video Lectures via you tu.be.com / e-pathshala 2) Notes on Google class room and important questions 3) MCQ Test through Google class room (Unit wise and on Full syllabus)	-Video lecture prepared via you tube with links:- 1) Unit-III BSc-III, Syllabus Introduction 6S https://youtu.be/0Zn_2vY_IHY 2) Unit-III BSc-III, Electronic Spectroscopy-1 https://youtu.be/yK5gu7UaA4A 3) Unit-III BSc-III, Terms used in UV spectroscopy https://youtu.be/g-S3o2Zv6h8 4) Unit-III BSc-III, Types of Electronic transitions https://youtu.be/4-kj1GkMgck 5) Unit-III BSc-III, Effect of Solvents in UV Spectroscopy https://youtu.be/vzLgTjqssFY 6) Unit-III BSc-III, UV transition in Unsaturated Carbonyl Compounds https://youtu.be/rbpaKdRB9SA
---	--	------------------------	-------------------------------------	-------------------------------	-----	--	---



(Dr. Pravin R. Kawle)

Name of the Teacher: Dr. Kavita. M.Heda

Link/Class Code of Virtual/Google Class-Room

CLASS	SESSION	CLASS CODE
M.Sc.-II (Chemistry)	2018-19	f5prhhl
B.Sc.-II (Chemistry) Sec. A	2019-20	dt2xbb5
B.Sc.-II (Chemistry) Sec. B		6yobklc
B.Sc.-II (Chemistry) Sec. A	2020-21	kn2b6sp
B.Sc.-II (Chemistry) Sec. B		Lnprwcr
B.Sc.-II (Chemistry) (Guardian Teacher)		j5bvqqb
B.Sc.-II (Chemistry) Sec. A	2021-22	2rarteb
B.Sc.-II (Chemistry) Sec. B		jure2zs
B.Sc.-II (Chemistry) (Guardian Teacher)		6ozjrzh

E-Content:

B.Sc.-II (Sem-III & Sem-IV) Video Lectures:

Links for videos of Unit VI (Sem. III)

A) Liquid State

B) Electrochemistry

Sr. No	Title of Videos	YouTube link
1	Syllabus II year (Sem. III)	https://youtu.be/uNzd-g-GKXE
2	Surface Tension	https://youtu.be/4TEAIMNWess
3	Viscosity	https://youtu.be/11FawrpGA2Y
4	Numerical 1	https://youtu.be/lfRvVQNeE20
5	Electrochemistry 01	https://youtu.be/dpFIgV7JDos
6	Electrochemistry 02	https://youtu.be/RAAEu3xiyCY
7	Electrochemistry 03	https://youtu.be/3iTJg_k3X88
8	Electrochemistry 04	https://youtu.be/zz6R8dUFkCA
9	Electrochemistry 05	https://youtu.be/uG5CNWwnf3A
10	Electrochemistry 06	https://youtu.be/OilibefzQLs
11	Numerical 2	

Links for videos of Unit V (Sem. IV)

Colligative Properties of Dilute Solutions

Sr. No	Title of Videos	YouTube link
1	Colligative Properties	https://youtu.be/RtPyTS2LznQ
2	Elevation of Boiling point	https://youtu.be/ZB8tudv_XO4

3	Cottrell Method	https://youtu.be/geax0sz3lsc
4	Depression of freezing point	https://youtu.be/sYw8pnfTb4w
5	Rast method	https://youtu.be/u5eHG7ftv-M
6	Abnormal Behaviour of solution	https://youtu.be/qxw5qwrq3oA
7	Degree of Association	https://youtu.be/Zo3eL9Z5cLc
8	Degree of Dissociation	https://youtu.be/OJozs3M6ZRg
9	Numerical	https://youtu.be/GzdfIWVsxY0
10		
11		

Links for videos of Unit I (Sem. IV)

A. Chemistry of Elements of Transition Series

Sr. No	Title of Videos	YouTube link
1	Transition Element	https://youtu.be/hS8eofJQAsY
2	Electronic configuration & ionic radii	https://youtu.be/iKz6-g9h0HU
3	Ionization Energy	https://youtu.be/MW8SnJLPJv0
4	Metallic nature	https://youtu.be/5XBK938xsqw
5	Magnetic Properties	https://youtu.be/L3JV3AkQcP4
6	Colour of salts	https://youtu.be/5-P-NiltHs4
7	Catalytic properties	https://youtu.be/W00yXEDTdt8

(Notes and PPTs)

Link of Google Drive for all data:

Sr. No	Title of PPT	Drive link
1	"ppt of crystalline state B. Sc II Y.(Sem. IV)"	https://docs.google.com/presentation/d/1vVnA14h4Yv4zi3fmPHo1_wGpMJt-MCDe/edit?usp=sharing&oid=101325618228850387383&rtpof=true&sd=true
2	Thermodynamics & Equilibrium (Sem. III)	https://docs.google.com/presentation/d/1a7zbImXaiBSrUy1w0KRMDQ7YVF3tS7M9/edit?usp=sharing&oid=101325618228850387383&rtpof=true&sd=true
3	Colligative properties of dilute solutions (Sem. IV)	https://docs.google.com/presentation/d/1brJwvmZkFxA4fTgRRgnYbhSwF0dLjAG-/edit?usp=sharing&oid=101325618228850387383&rtpof=true&sd=true
4	Volumetric Analysis Sem III.	https://docs.google.com/presentation/d/1BVZPv9tTw0WfXljh5raAB7kzXGhWqaBv/edit?usp=sharing&oid=101325618228850387383&rtpof=true&sd=true
5	Chemistry of elements of transition series. (Sem. IV)	https://docs.google.com/presentation/d/1JehLV1SA6cQGhPrV3v1OelXIZ0ID6k7a/edit?usp=sharing&oid=101325618228850387383&rtpof=true&sd=true
6	Liquid State & Electrochemistry (Sem. III)	https://docs.google.com/presentation/d/1gY8k3cjfhn26jkIS1DLjg0RFyy-N_ZUM/edit?usp=sharing&oid=101325618228850387383&rtpof=true&sd=true
7	Google classroom weekly report	https://docs.google.com/document/d/1sT7K0qSxRzpZsk6CsRW6vZFpjJnS3fLx/edit?usp=sharing&oid=101325618228850387383&rtpof=true&sd=true

Dr. A. G. Sarap

Assistant Professor
Department of Chemistry
Shri R.L.T. College of Science, Akola

Link/Class Code of Virtual/Google Class-Room

CLASS	SESSION	CLASS CODE
B.Sc.-I	2021-22	hkgs6tx
B.Sc.-I	2020-21	6oj6sys

E-Content:

Video Lectures:

1. Calculations of effective Nuclear charge

<https://youtu.be/jKiJ-8UIKcc>

2. Electronegativity BSc 1 year

<https://youtu.be/AmEaoDsWgLc>

3. Electron Affinity B. SC I sem I

<https://youtu.be/fvistb4cpy8>

4. Lecture 4 Nature of orbital

<https://youtu.be/mabehbzh37g>

5. Lecture 3 ionization energy

<https://youtu.be/D4eDfJm3MjQ>

6. Unite No. 1 Atomic Radius and its variations in periodic table

https://youtu.be/4Hjh2nFp_P4

7. Introduction of periodic table

https://youtu.be/3U_DxPzI5as

8. Energy conservation

https://youtu.be/-Jtw_gT838A

Name of the Teacher: Dr. V. D. Deotale

Link/Class Code of Virtual/Google Class-Room	SESSION	CLASS CODE
B.Sc.-I (Chemistry)	2020-21	3n5vri7
B.Sc.-II (Chemistry)	2020-21	mwc7ufn
B.Sc.-I (Chemistry)	2021-22	Npdesgf
B.Sc.-I (Chemistry)	2021-22	a4dpwls
B.Sc.-I (Chemistry)	2021-22	3n5vri7

E-Content:

B. Sc. - I (Sem-I & Sem- II) Notes & Video Lectures:

1) Notes: Google Class-Room Code: 3n5vri7, mwc7ufn, npdesgf, a4dpwls, 3n5vri7

2) Thermodyanamics, First Law and Limitations:

https://drive.google.com/file/d/1_3Fw4SFG81wN6KclGuTI0WSNMpD1utp1/view?usp=sharing

2) Second Law of Thermodyanamics:

https://drive.google.com/file/d/1_3Fw4SFG81wN6KclGuTI0WSNMpD1utp1/view?usp=sharing

3) Carnot Cycle-1:

<https://drive.google.com/file/d/1UJwpSkSijpOqs3RaqRQnlgIdYPn-Lxf8/view?usp=sharing>

4) Carnot Cycle-2:

<https://drive.google.com/file/d/1BPz0dO3jvB9s6wCHbTNYM9yggmcxxVLK/view?usp=sharing>

5) Net Work Done:

<https://drive.google.com/file/d/1yK4gKUYZ0xrfaoLcNYiSf7KC48kQX7hZ/view?usp=sharing>

6) Efficiency of heat engine:

<https://drive.google.com/file/d/1TOahdn36e4JAzpsw6BSDZKpcDgGdF0Xz/view?usp=sharing>

7) Entropy and entropy variation:

https://drive.google.com/file/d/1pac6_iyRzGV7f_vUS-eo32bV6MECwY/view?usp=sharing

8) Phase rule terms and Definition:

<https://drive.google.com/file/d/1zrba406Zg62sbJF0-UztqjrhDENXVTIx/view?usp=sharing>

9) Phase rule & equation:

<https://drive.google.com/file/d/1UqIVWrCKvLdSOiRG9IEU4ciW96Q2wIVR/view?usp=sharing>

10) Magnetic Properties-1:

https://drive.google.com/file/d/1edyVFpljNHyyvqQ_sjyA6760YTcch1Kbh/view?usp=sharing

11) Magnetic Properties-2:

https://drive.google.com/file/d/15B_rraVorrh8ZLVZxw_2IzJ3dQ0un0Ae/view?usp=sharing

Name of the Teacher – Mr. Shankesh C. Zyate (Asst. Prof Chemistry)

Link/ Class code of Virtual/ Google classrooms

Class	Session	Class Code
B.sc. III (Chemistry)	2020-21	5wm3el3
B.sc. III (Chemistry)	2021-22	Fiv2lil
M. Sc. (Chemistry)	2020-21	Qp3s42x

E- Content

B.Sc. III (Sem V & VI) video lectures and Notes

1. coordination compounds part 1 (introduction) - <https://youtu.be/27O9wqqCc7o>
2. coordination compounds part 2 (Werner's theory) - <https://youtu.be/HH1M-WPda5Y>
3. coordination compounds part 3 (EAN Rule) - <https://youtu.be/IQ6q-gAx7-U>
4. coordination compounds part 4 (IUPAC Rule) - https://youtu.be/4X9z7-UB_ZM
5. Coordination compounds part 5 (valence bond theory) - <https://youtu.be/g4LJ0ecChIE>
6. Photochemistry part 1 (Thermal vs Photochemical reactions) - <https://youtu.be/0idxBhPc19A>
7. Photochemistry part 2 (joblonski diagram) - <https://youtu.be/3QcqWVyuegc>
8. Photochemistry part 3 (chemiluminescence) - <https://youtu.be/zv4SynOVdDU>
9. Photochemistry part 4 (photosensitization) - <https://youtu.be/qetbqfYXXcA>
10. photochemistry part 5 (Laws of photochemistry) – <https://youtu.be/YXoC0XxvgAo>
11. Photochemistry part 6 (Quantum Yield) - <https://youtu.be/8waYBayZjxk>
12. Photochemistry part 7 (quantum yield) - <https://youtu.be/hEgUAVWLSZ8>
13. Photochemistry part 8 (variation in Quantum yield) - <https://youtu.be/pLubIf-qlzg>
14. Chelates - <https://youtu.be/G5JW2Q2fBF0>
15. Crystal Field theory - <https://youtu.be/erh9rXk2fYI>
16. CFT part 2 (splitting in complexes) - <https://youtu.be/N9iBMYjTWew>
17. CFT part 3 (electron distribution in Octahedral complexes) - <https://youtu.be/1ZcByU9AbkA>
18. Thermodynamic vs Kinetic stability by Prof S C Zyate - <https://youtu.be/JIs18unUusw>

M.Sc. video lectures and Notes

1. Carbon Carbon bond formation (introduction) - <https://youtu.be/fDPQrwCHq3w>
2. Claisen Condensation - https://youtu.be/i_kfoDRADIU
3. Dieckmann Condensation - <https://youtu.be/EPE5JO7Ps5c>
4. Stobbe condensation- <https://youtu.be/QeXybxehLg>
5. Perkin reaction - <https://youtu.be/8NhzWpUEEis>
6. Knoevenagel reaction - <https://youtu.be/VII9Fg8LSSY>