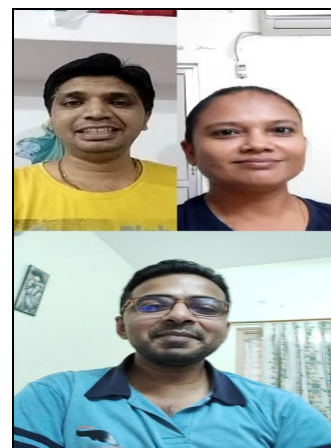


Report on Work from Home

તા. ૧૭/૦૪/૨૦૨૦ ના રોજ શ્રી ડી. કે. વી. આર્ટ્સ એન્ડ સાયન્સ કોલેજ, જામનગરના રાસાયણશાસ્ત્ર વિષયના અધ્યાપક ડો ઘનશ્યામ જાદવ સાહેબ અત્રેની કોલેજના અધ્યાપક ડો. ચિરાગ કુલતરીયા સાથે online મીટીંગ કરી Collaborative Online Classes માટે Lecture Series ની Design નક્કી કરી. આ class માટે દરેક અધ્યાપક ની expertise ને અનુરૂપ વિષયની ફાળવણી કરી વિદ્યાર્થીને મહત્તમ લાભ મળે તે હેતુથી પોત-પોતાના નક્કી કરેલા ટોપિકનું માળખું નક્કી કરી આ course ની વિવિધ બાબતો વિષે વિસ્તૃત ચર્ચા કરી. જેમાં મારા દ્વારા ડીઝાઇન કરેલ ક્લાસની વિગત નીચે મુજબ છે.



Online Meeting

Course Design: Organic Qualitative Analysis

- 1) Preliminary Test
- 2) Detection of Elements
- 3) Detection of Functional Group
- 4) Physical Constant
- 5) Preparation of Derivative

Lecture 1: Preliminary Test

A screenshot of a Microsoft PowerPoint slide titled "Preliminary Tests". The slide is part of a presentation on "Organic qualitative analysis". The slide content is as follows:

(1) State of Compound	(6) Chemical Nature
(2) <u>Colour</u>	(7) Action of Alkali
(3) <u>Odour</u>	(8) <u>Sodalime Test</u>
(4) Ignition/Flame Test	(9) Saturation Unsaturation Test
(5) Solubility in Water and Litmus Test	(10) Test with <u>Sodiumnitroprusside</u>
	(11) Neutral $FeCl_3$ Test

The slide also shows a navigation pane on the left with a table of contents and a status bar at the bottom indicating it is slide 4 of 69.

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Lecture 2: Detection of Elements and Detection of Functional Group

Organic qualitative analysis - Microsoft PowerPoint

FILE HOME INSERT DESIGN TRANSITIONS ANIMATIONS SLIDE SHOW REVIEW VIEW

New Slide Slides Table Tables Pictures Online Pictures Screenshot Images Photo Album Shapes SmartArt Chart Apps for Office Hyperlink Action Comment Text Box & Footer Header WordArt Date & Time Number Object Equation Symbol Video Audio

41 SECTION 2 Detection of Elements

42

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44

45

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SLIDE 42 OF 69 ENGLISH (UNITED STATES) NOTES COMMENTS 88% 5:32 PM 5/3/2020

Detection of Elements (Lassaigne's Test)/Sodium fusion Test



➤ This test was developed by a French Chemist **Jean Louis Lassaigne**.

➤ This test is used to detect presence of **N, S** and **X** in an organic compound

Organic qualitative analysis - Microsoft PowerPoint

FILE HOME INSERT DESIGN TRANSITIONS ANIMATIONS SLIDE SHOW REVIEW VIEW

New Slide Slides Table Tables Pictures Online Pictures Screenshot Images Photo Album Shapes SmartArt Chart Apps for Office Hyperlink Action Comment Text Box & Footer Header WordArt Date & Time Number Object Equation Symbol Video Audio

50

51

52 SECTION 3 Detection of Functional Group

53

54

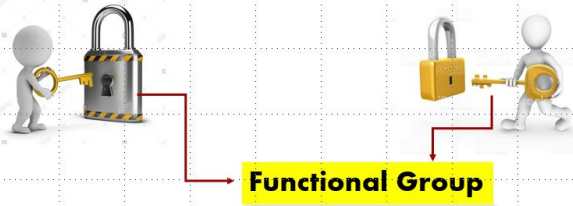
55

SLIDE 53 OF 69 ENGLISH (UNITED STATES) NOTES COMMENTS 88% 5:33 PM 5/3/2020

Detection of Functional Group

(1) Chemical Nature

(2) Result of Lassaigne's Test



Functional Group

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Lecture 3: Physical Constant and Preparation of Derivative

The screenshot shows a PowerPoint slide titled "Physical Constant" illustrating phase transitions. It features three boxes representing states of matter: "SOLID" (pink spheres), "LIQUID" (blue spheres), and "GAS" (red spheres). Arrows indicate transitions: "Melting" from solid to liquid, "Evaporating" from liquid to gas, and "Sublime" from solid to gas. Above the liquid box, a red arrow points to "Melting Point", and a blue arrow points to "Boiling Point". The slide is part of a presentation titled "Organic qualitative analysis - Microsoft PowerPoint".

The screenshot shows a PowerPoint slide titled "SECTION 5 Preparation of Derivative". The text "SECTION 5" is prominently displayed in a large yellow circle, with "Preparation of Derivative" written below it in yellow. The slide is part of a presentation titled "Organic qualitative analysis - Microsoft PowerPoint".

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