

**Literature Review by the Students'**  
**PG Department of Chemistry**  
B.N. College, Dhubri

<b><u>Summary of Literature Review by the Students'</u></b>			
SI No	Academic Year	Total No of Literature Review	No of Students
1	2018-2019	01	25
2	2019-2020	01	25
3	2020-2021	01	19

**1. Academic Session: 2018- 2019**

<b>Class: B. Sc 5<sup>th</sup> Semester (Major)</b>				
<b>Sl no</b>	<b>Academic Session</b>	<b>Name of student</b>	<b>Topic of Literature Review</b>	<b>Assigned supervisor</b>
1	<b>2018-2019</b>	Ramananda Paul	<i>Green synthesis and characterization of Chalcones.</i>	Dr. Murshida Karim
2		Sk Masud Ahmed	<i>A Study of excess volumes and viscosity deviations of a mixture of Acetonitrile and 1,3-Dioxolane.</i>	Dr. Mousumi Das
3		Shouvik Paul	<i>Excess molar volumes and viscosity deviation of binary liquid mixtures of Acetonitrile and 1,4-dioxane at 298K.</i>	Dr. Mousumi Das
4		Subarna Paul	<i>Preservation of fruits of longer time.</i>	Prof. Abdul Aziz Mondal
5		Jesmina Begum	<i>To Prepare Potash Alum from scrap Aluminium</i>	Prof. Abdul Aziz Mondal
6		Julfa Begum	<i>Synthesis and Characterization of Cis-Bis(Glycinato)Copper(II)Monohydrate.</i>	Miss Laizu Yasminara Khatun
7		Nilufa Islam	<i>Preparation and Characterization of ZnO Nanoparticle.</i>	Dr. Ruhul Amin Bepari
8		Samia Naz Ali	<i>Synthesis and Characterization of Biginelli Compounds.</i>	Dr. Murshida Karim
9		Taniya Modak	<i>Determination of Viscosity Measurement by using Ostwald Viscometer.</i>	Dr. Malabika Borah
10		Mostafizur Rahman	<i>Immobilization of Crystal Violet Dye or Biosorbent prepared from Orange Peel: Insight Into Kinetics and Isotherm.</i>	Dr. Susmita Sen Gupta
11		Minal Sheikh	<i>Green Synthesis of Acetylacetonate</i>	Dr. Malabika

			<i>Complexes of Manganese and Iron and their Characterization.</i>	Borah
12		Bikash Roy	<i>Synthesis and Characterization of Salen Complexes of Nickel(II) and Copper (II).</i>	Dr. Malabika Borah
13		Kuldip Barman	<i>Study of variation of viscosity composition and determination of molecular weight of polymer from Viscosity Measurements.</i>	Prof. Shahidul Islam
14		Harun Ul Rashid	<i>Study of quantitative analysis of water PH s Chloride, Alkalinity Fluoride, Iron, Calcium Hardness, Magnesium Hardness of different sources in the locality of Dhubri, Assam.</i>	Prof. Abdul Aziz Mondal
15		Anupam Roy	<i>Synthesis and Characterization of 2-Aryl Benzothiazoles.</i>	Dr. Murshida Karim
16		Bapparaj Biswas	<i>To Study the effect of manipulating the concentration of hydrogen peroxide on rate of oxidation of iodide, I<sup>-</sup> ions by hydrogen peroxide H<sub>2</sub>O<sub>2</sub> using the iodine clock reaction.</i>	Mr. Saurav Paul
17		NurAlom	<i>To compare the water soluble Polyphenol, Tannic Acid and caffeine Contents in the Tea Leaves of different brands.</i>	Prof. Shahidul Islam
18		Bappi Roy	<i>Determination of Saponification Value of Different types of Oils and Fats.</i>	Mr. Saurav Paul
19		Ayub Ali Ahmed	<i>Synthesis of Nanoscale CuO via sol-gel Route and its Basic Characterization.</i>	Dr. Ruhul Amin Bepari
20		Amir Sohel Bulbul	<i>Excess molar Volumes and Viscosity deviation of binary liquid mixtures of Acetonitrile and Tetrahydrofuran(THF).</i>	Dr. Mousumi Das
21		Akash Saha	<i>Synthesis and Nanoscale ZnO via Sol-gel Route and Its Basic Characterization.</i>	Dr. Ruhul Amin Bepari

22		Abdul Latif Ahmed	<i>Immobilization of methylene blue dye on Biosorbent Prepared from betelgeuse Nut Coir: Insight into Kinetics and Isotherm.</i>	Dr. Susmita Sen Gupta
23		Abdul Jelani	<i>To Study the rate of evaporation of different liquid.</i>	Miss Laizu Yasminara Khatun
24		Anisur Rahman	<i>A Comparative study of Cleaning Capacities of Some Commercial Detergent Powders.</i>	Prof. Shahidul Islam
25		Md. Sohrab Ali	<i>Determination of Acetic Acid in Different types of Vinegar.</i>	Miss Laizu Yasminara Khatun
<b>Total number of students = 25</b>				

### 1. Academic Session: 2019- 2020:

<b>Class: B. Sc 5<sup>th</sup> Semester (Major)</b>				
<b>Sl no</b>	<b>Academic Session</b>	<b>Name of student</b>	<b>Topic of Literature Review</b>	<b>Assigned supervisor</b>
1	<b>2019-2020</b>	Akramul Islam.	<i>Excess properties of some organic solvents capable of forming hydrogen bonds</i>	Dr. Mousumi Das
2		Akshay Barman	<i>Synthesis of Phenanthridines</i>	Dr. Aswini Borah.
3		Annwasha Guha	<i>Study/synthesis of Simple &amp; cheap source of Natural Indicator for Acid-Base Titration.</i>	Mr. Saurav Paul
4		Azaharul Islam	<i>Characteristics, Synthesis, Properties &amp; degradation of Titanium dioxide.</i>	Prof. Saidul Islam
5		Begum Jobeda Khatun	<i>Study of Caffeine contents in Tea Leaves of different Brands.</i>	Miss. Anupama Rani Das.
6		Bhaskar Dutta	<i>Determination of acidity of different</i>	Mr. Saurav Paul

			<i>tea samples &amp; to estimate the amount of glycoxide alated compounds present in each sample &amp; to find the relation between them.</i>	
7	Bishal Gupta		<i>Removal of water pollutants using adsorbent prepared from metal oxides.</i>	Dr. Susmita Sengupta
8	Chiranjib Acharjee		<i>Biodiesel-A Persepective.</i>	Miss. Anupama Rani Das.
9	Dhananjay Roy		<i>Viscosity.</i>	Prof. Saidul Islam
10	Fardeen Islam Khandakar		<i>Synthesis of Thiophene Series.</i>	Miss. Laizu Yasminara Khatun.
11	Faruk Hussain		<i>Degration of organic dyes by Fe<sub>2</sub>O<sub>3</sub> &amp; Fe<sub>3</sub>O<sub>4</sub> of nano-particles.</i>	Dr. Ruhul Amin Bepari.
12	Gaurab Roy		<i>Removal of water pollutants by bioadsorbent derived from agricultural peel.</i>	Dr. Susmita Sengupta
13	Jagat Jiban Ram Roy		<i>Preparation of Benzothiazole.</i>	Dr. Murshida Karim.
14	Mainin Sultana		<i>Synthesis of 2-Aryl benzoxazole.</i>	Dr. Murshida Karim.
15	Nashir Uddin Ahmed		<i>Chemistry of 2-(diphenyl phosphino)Pyridine.</i>	Miss. Laizu Yasminara Khatun.
16	Probuddha Deb		<i>Determination of Acidity of various Antacids.</i>	Mr. Saurav Paul
17	Rahein Rizwan		<i>Green synthesis of tris-acetylacetonatoferrate(III).</i>	Dr. Malabika Borah.
18	Rejina Ahmed		<i>Characteristics, Synthesis, Properties &amp; degradation of Zinc dioxide.</i>	Prof. Saidul Islam
19	Sakhil Ahesan		<i>Schiff base ligands &amp; their metal complexes.</i>	Dr. Malabika Borah.
20	Saubhik Karmakar		<i>Chemistry of Quinolines.</i>	Dr. Aswini Borah.
21	Sheikh Rakibul Islam		<i>Excess properties of some organic solvents.</i>	Dr. Mousumi Das.
22	Saiful Hassan Mollah		<i>Removal of Arsenic from ground water.</i>	Dr. Malabika Borah.
23	Tapan Kumar Roy		<i>Degration of organic dyes by Fe<sub>2</sub>O<sub>3</sub> &amp; Fe<sub>3</sub>O<sub>4</sub> of nano-particles.</i>	Dr. Ruhul Amin Bepari.

24		Akramul Islam.	<i>Excess properties of some organic solvents capable of forming hydrogen bonds</i>	Dr. Mousumi Das
25		Akshay Barman	<i>Synthesis of Phenanthridines</i>	Dr. Aswini Borah.
<b><i>Total number of students = 25</i></b>				