



B. V. RAJU COLLEGE

VISHNUPUR:: BHIMAVARAM

[Affiliated to Adikavi nannaya University, Rajamahendravaram]

Accredited by NAAC B⁺ Grade

ACADEMIC YEAR 2021-2022

Department Of Life sciences

DETAILS OF MINI PROJECTS COMPETITION ORGANIZED ON 14.07.2022

Name/Title of the Activity	MINI PROJECTS COMPETITION
Date	14th JULY 2022
Time	10:00 AM to 01:00 PM
Duration	3 hours
Mode of conduction	offline
Conducted by	Department of LIFE SCIENCES, B V RAJU COLLEGE
Event Coordinator	B. RADHA SIRISHA

Department of Life Sciences was Organised Mini Project competition on 14th.07.2022. For this program 06 Batches of aspirants participated with their exhibits. Most of the exhibits related to Life Sciences Subjects. SWAMY belong to UG Chemistry, acting as Judge. With their judgement, In this regard, B.V.RAJU college Principal Dr. I.R.K.Raju, Vice-principal Sri Ch.S.V.Satyanarayana, Department HODS of BVRC Visited to program and deeply observed all the exhibits, appreciated and congratulated all the Participants .The main motto of this program is to explain mechanism of principle & practical to non-biology students .

List of Participants and their Mini Project Exhibits

S.NO	NAME OF THE STUDENT	CLASS	TITLE OF THE EXHIBIT
1	R. HARSHITHA DEVI	I BT BCC	FORMATION OF BAKELITE
2	T. DIVYA SREE	I BT BCC	ISOLATION OF ALBUMIN FROM EGG WHITE
	V.D.L.S HARSHA	I BT BCC	
3	OLIVER	II BT BCC	DETERMINATION OF HAEMOGLOBIN PERCENTAGE
	PRADEEP	II BT BCC	
4	CH. MURALI KRISHNA	II MB BT BC	FERMENTATION OF WINE FROM GRAPES
	P. RAJAMOULI	II MB BT BC	
5	S. SRI REKHA	II MB BT BC	PREPARATION OF YOGURT
	M. REEMA	II MB BT BC	
6	B.MOUNIKA	III MB BT BC	PREPARATION OF BIOFERTILIZERS[RHIZOBIUM]
	A.MOULIKA	III MB BT BC	

PROJECT -1

FORMATION OF BAKELITE

<u>Name of the Participants:</u>	<u>Group</u>
➤ R HARSHITHA	I year BIOTECHNOLOGY



<u>Materials Used</u>	- PHENOL, HYDROCHLORIC ACID
<u>Applications</u>	: BY MAKING THIS POWER SUPPLY BOARDS -
<u>Project Exhibit</u>	: VARIOUS CHEMICALS TO USE MAKING BAKELITE -

PROJECT -2

ISOLATION OF ALBUMIN FROM EGG WHITE

Name of the Participants:	Group
➤ T. DIVYA SREE ➤ V.D.L.S HARSHA	I year BIOTECHNOLOGY



<u>Materials Used</u>	:-	AMMONIUM SULPHATE , RAW EGGS, CUPRIC SULPHATE ,NAOH, SODIUM POTASSIUM TARTRATE
<u>USES</u>	:-	DETERMINATION OF ALBUMIN CONCENTRATION
<u>Project Exhibit</u>	:-	USED FOR DIALYSIS PATIENTS

PROJECT -3

ESTIMATION OF HAEMOGLOBIN

<u>Name of the Participants:</u>	<u>Group</u>
➤ PRADEEP ➤ OLIVER	Ilyear BIOTECHNOLOGY



<u>Materials Used</u>	:-	HCL , SAHALIS HAEMOGLOBINO METER KIT
<u>USES</u>	:-	DETERMINE THE HAEMOGLOBIN CONC IN BLOOD
<u>Project Exhibit</u>	:-	CALCULATE HAEMOGLOBIN PERCENTAGE IN BLOOD

PROJECT -4

PREPARATION OF WINE FROM GRAPES

Name of the Participants:	Group
➤ MURALI KRISHNA	II year MICROBIOLOGY
➤ RAJAMOULI	



<u>Materials Used</u>	:-	GRAPES, BEAKERS, CONICALFLASK, YEAST CLUTURE
<u>USES</u>	:-	STUDY OF FERMENTAION PROCESS UNDER ANAEROBIC CONDITION
<u>Project Exhibit</u>	:-	PRODUCTION OF WINE / ALCHOL FROM GRAPES

PROJECT -5**PREPARATION OF YOGURT**

Name of the Participants:	Group
➤ S. SRI REKHA ➤ M.REEMA	II year MICROBIOLOGY



<u>Materials Used</u>	:-	BOILED MILK , STARTER/INOCULUM , GLASS WARE
<u>USES</u>	:-	ROLE LACTIC ACID ON PROTEIN PRESENT IN MILK BY USING LACTO BACILLUS ,BULGARIUS/ LACTIC ACID BACTERIA
<u>Project Exhibit</u>	:-	PRODUCTION OF YOGURT FROM MILK UNDER ANAEROBIC CONDITION

PROJECT -6

BIOFERTILIZERS

Name of the Participants:	Group
➤ B.MOUNIKA ➤ A.MOULIKA	III year MB BT BC



<u>Materials Used</u>	:-	CULTURE MEDIA , BACTERIAL SUSPENTION
<u>USES</u>	:-	PRODUCTION OF BIOFERTIZERS FROM MICRO ORGANISM
<u>Project Exhibit</u>	:-	ISOLATION OF RHIZOBIUM FROM ROOT NODULES OF LEGUMENOUS PLANTS USED AS FOR CULTIVATION OF CEREALS CULTURE

WINNERS LIST

FIRST PRIZE

1.	R. HARSHITHA	I BT BC C	BAKELITE FORMATON
2	P. RAJAMOULI & CH . KRISHNA	II MB BT BC	WINE PRODUCTION

SECOND PRIZE

3.	S. SAI REKHA & M. REEMA	II MB BT BC	YOGURT PREPARATION
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THIRD PRIZE

4.	B.MOUNIKA & A. MOULIKA	III MB BT BC	BIOFERTILIZERS
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CONSOLATION PRIZE

5.	DIVYA SREE & V.D.L.S HARSHA	I BT BC C	ALBUBIN FROM EGG
6.	PRADEEP & OLIVER	II BT BCC	HAEMOGLOBIN ESTIMATION

JUDGES

1. V. SWAMY SABHARINADH
2. J.RAMESH