

STUDENT INDUCTION PROGRAMME FOR NEWLY ADMITTED I B.SC. BIOTECHNOLOGY 2023- 2024

Introduction :

Objectives:

- To aid new students in adjusting to their new academic environment.
- To provide them with a smooth transition into the core of their degree programmes by introducing the ethos and culture of the institution.
- To aid participants in developing progressive and emotional ties with peers and faculty members in order to understand and self-reflect.
- To instill the importance of cleanliness and wellness, as well as to assist them in realising the strength that lies inside them.
- In order to bridge the gaps and encourage people to explore their academic interests and pursue academic excellence, it is necessary to rewrite and reform the foundational ideas.
- To increase one's self-awareness, sensitivity, and understanding of those around them, as well as of society at large and nature.
- To encourage holistic development by exposing students to a wide range of extracurricular, co-curricular, and curriculum-based activities.

Report on Student Induction Program 2023-2024

1. Event

The Student Induction Programme was conducted for First year newly admitted students in two weeks from 17th August to 6th September 2023

2. Participants:

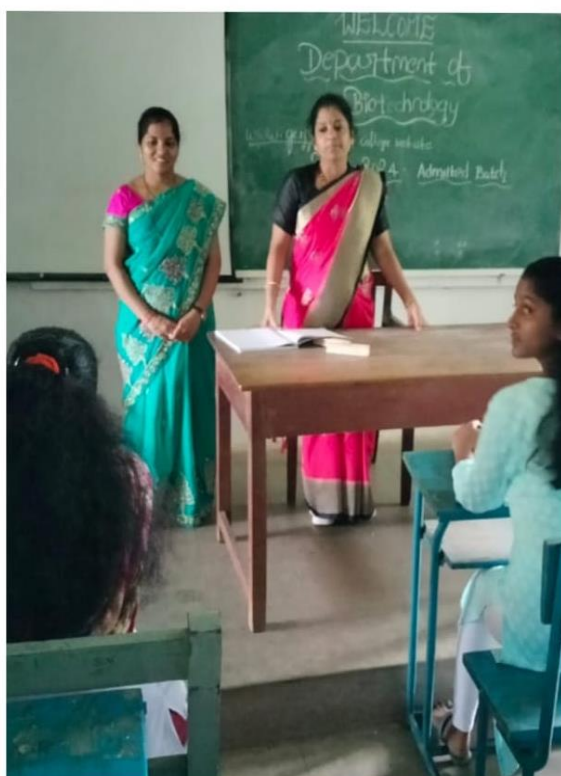
First Year students of B.Sc Single major Biotechnology batch

3. Objective:

Student Induction Programme is designed to orient single major biotechnology students about the institute, Autonomy and departmental activities, Institute Orientation, students were familiarized about facilities and infrastructure of their core department, student interaction Proficiency Module ,professional & social body activities, Holistic Multidisciplinary Education (HME), Professional Skills-I, Activity Based Learning-I & II, Proficiency module (Soft Skills), student centric teaching ,learning process, evaluation & assessment system, course objective, course outcome, learning objective and learning outcome, Formative assessment, ERP, Universal Human values (Value Education & Professional Ethics), Literary (Debate/Public speaking),Creative Arts, Physical Health and related activities (Yoga & fitness) and NEP2020.

STUDENT INDUCTION PROGRAMME - SCHEDULE

Date	Class	Activity	Name of the lecturer
17/08/2023	10Am-11Am	Institution Orientation - IQAC,COE,AO, Academic Cell	B.Nageshwari
	11Am-12Pm	Biotechnology department Orientation	I.Parnika Sai
	12Pm-01Pm	Menter - Mentee group - Introduction within the group	K.Anusha



Date	Class	Activity	Name of the lecturer
18/08/2023	10Am-11Am	Institution vision, Mission, Core values	B.Nageshwari
	11Am-12Pm	Bridge course -1 Introduction of Biotechnology	I.Parnika Sai
	12Pm-01Pm	College website orientation, Creative arts/culture, literary	B.Nageshwari



Date	Class	Activity	Name of the lecturer
19/08/2023	10Am-11Am	Academic curriculum, Principal sir	B.Nageshwari

		Interaction	
	11Am-12Pm	Bridge course -2 . Scope and branches of Biotechnology	I.Parnika Sai
	12Pm-01Pm	Orientation to digital resources, labs	K.Anusha



Date	Class	Activity	Name of the lecturer
21/08/2023	10Am-11Am	Examination and evaluation. CIA (50+50)Internal+ external, SEE.organic farming talk by eminent people	B.Nageshwari
	11Am-12Pm	Bridge course-3. Importance of science through ppt	K.Anusha I.Parnika Sai
	12Pm-01Pm	Facilities in Campus, Biotech department familirization. Mentoring students goals, Family expectations	I.Parnika Sai



Date	Class	Activity	Name of the lecturer
22/08/2023	10Am-11Am	Student code & Conduct policy and progress policy- etiquette etc.,	B.Nageshwari
	11Am-12Pm	Bridge course-4. Pre test for the newly joined students	K.Anusha I.Parnika Sai
	12Pm-01Pm	Orientation on projects, CSPs etc.,	B.Nageshwari



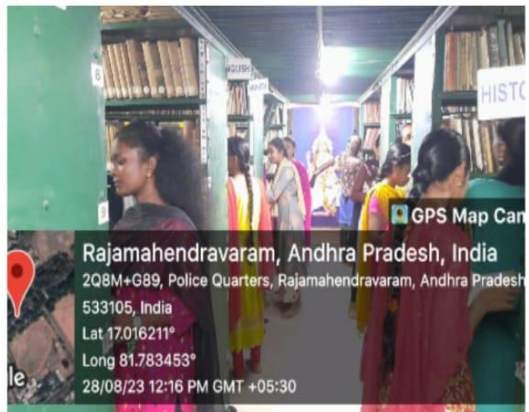
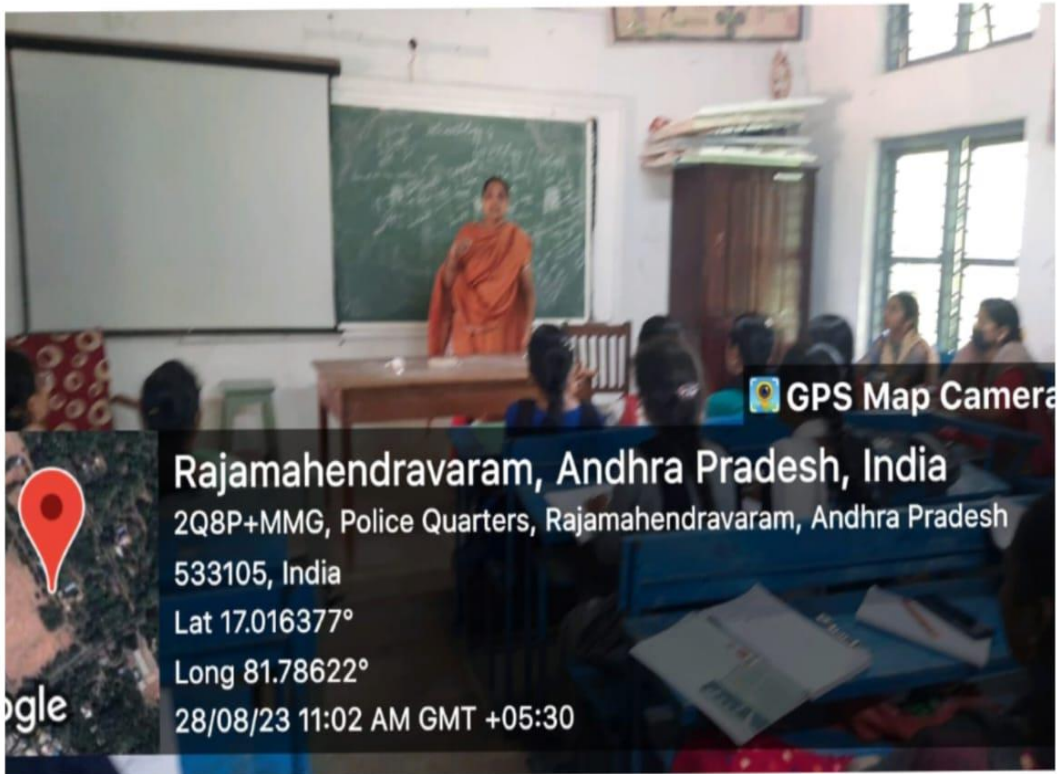
Date	Class	Activity	Name of the lecturer
23/08/2023	10Am-11Am	Single major system- Minor, Majors introduction	I.Parnika Sai B.Nageshwari
	11Am-12Pm	Bridge course-5. Bio molecules and importance	K.Anusha
	12Pm-01Pm	Mentoring students about gratitude, physical activity	K.Anusha



Date	Class	Activity	Name of the lecturer
24/08/2023	10Am-11Am	Student disciplinary policy- etiquetes as a student,human (needs of self and body)	B.Nageshwari
	11Am-12Pm	Bridge course -6. Bioanalytical techniques	I.Parnika Sai
	12Pm-01Pm	Assessment of student writing skills- through essay writing task on scope and branches of biotechnology	I.Parnika Sai K.Anusha



Date	Class	Activity	Name of the lecturer
28/08/2023	10Am-11Am	NCC - orientation, JKC	I.Parnika Sai K.Anusha
	11Am-12Pm	Bridge course-7. Cell biology	K.Anusha
	12Pm-01Pm	Assessment of thinking ability through quiz on scientists	K.Anusha I.Parnika Sai



Date	Class	Activity	Name of the lecturer
29/08/2023	10Am-11Am	Co-curricular activities (cultural)	B.Nageshwari
	11Am-12Pm	Bridge course-8 Microbiology	K.Anusha
	12Pm-01Pm	Telugu basha dinotsavam. Talk by eminent people	K.Anusha I.Parnika Sai



Date	Class	Activity	Name of the lecturer
30/08/2023	10Am-11Am	Student disciplinary policy- helping nature, to society, peer interaction	B.Nageshwari
	11Am-12Pm	Bridge course-9 Immunology	I.Parnika Sai
	12Pm-01Pm	Career counselling, Importance of team work	K.Anusha



Date	Class	Activity	Name of the lecturer
31/08/2023	10Am-11Am	Student disciplinary policy-- time sense,punctuality, discipline, correct usage of phone	I.Parnika Sai
	11Am-12Pm	Bridge course-10 Molecular biology	K.Anusha
	12Pm-01Pm	NSS- National service scheme- Grievance readdress	K.Anusha I.Parnika Sai



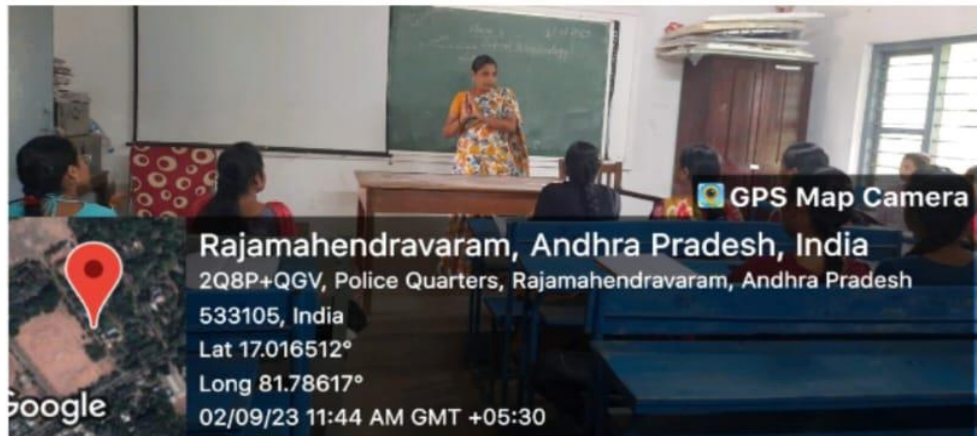
Date	Class	Activity	Name of the lecturer
01/09/2023	10Am-11Am	Swoc Analysis, LRSW analysis and Assessment of students speaking and conversational skills by speech on importance of biotechnology in modern days/ Dictation	K.Anusha B.Nageshwari I.Parnika Sai
	11Am-12Pm	Bridge course -11 Genetic engineering	I.Parnika Sai
	12Pm-01Pm	Fine arts department visit. Nutritional week- Day 1	K.Anusha



Date	Class	Activity	Name of the lecturer
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02/09/2023	10Am-11Am	Orientation about internships (6 months & 2 Months)	B.Nageshwari
	11Am-12Pm	Bridge course -12 Plant & Animal biotechnology	K.Anusha
	12Pm-01Pm	Red ribbon cell, Physical education department (sports) and indoor games like chess Day -2- Nutritional week	K.Anusha I.Parnika Sai





Date	Class	Activity	Name of the lecturer
04/09/2023	10Am-11Am	CIL visit- Facilities and instrumentation	K.Anusha B.Nageshwari I.Parnika Sai
	11Am-12Pm	Bridge course -13 environmental and industrial biotechnology And Nano biotechnology	I.Parnika Sai
	12Pm-01Pm	Talk by research scholar- Physics CSIR NET SRF Nutritional week - 50/-Diet plan	I.Parnika Sai K.Anusha



50 RUPEES DIET PLAN	
Timings & food	
Early Morning	6AM - 7AM (50) Drink warm water with lemon juice
Breakfast	7AM - 8AM (100) Oats meals with warm milk calories - 200, fat - 6.22g, Protein - 10.5g
Lunch	1PM - 2PM (100) Dal (1 Bowl) + 2 Roti with Salad fat - 1.32g, Protein - 9.8g, Calorie - 100
Evening	4PM - 5PM (100) Green Tea (100) + milk calories - (180) + 1, calories - 42
Dinner	8PM - 9PM (150) veggie (60g) + 2 Roti with Salad calories - 353, Vitamin B, Vitamin C
10PM - 11PM	
Sleep At Least 6 To 8 Hours Daily	

Date	Class	Activity	Name of the lecturer
05/09/2023	10Am-11Am	Post bridge course evaluation	I.Parnika Sai K.Anusha
	11Am-12Pm	Feed back on bridge course And feedback on SIP (Student Induction Programme)	K.Anusha I.Parnika Sai B.Nageshwari
	12Pm-01Pm	Nutritional week - Nutritional values on oral drink	K.Anusha B.Nageshwari I.Parnika Sai



Link for feedback form -- <https://docs.google.com/forms/d/1gtLnW-zeBiYUS1jFtK7J-GK3xliHK-8-bjXIF2MRbBA/edit#settings>

DEPARTMENT OF BIOTECHNOLOGY

SIP- BRIDGE COURSE SCHEDULE_2023

Date	Class time	Activity	Name of the Lecturer
18-08-2023	11am-12pm	Introduction to Bridge course in biotechnology and scope and branches of biotechnology	I.Parnika B.Nageswari
19-08-2023	11am-12pm	Scope and Branches and career opportunities in Biotechnology	I.Parnika B.Nageswari
21-08-2023	11am-12pm	Importance of science through ppt	I.Parnika B.Nageswari K.Anusha
22-08-2023	11am-12pm	Pretest for the newly joined students	I.Parnika K.Anusha
23-08-2023	11am-12pm	Biomolecules and Importance	K.Anusha
24-08-2023	11am-12pm	Bioanalytical Techniques	I.Parnika
28-08-2023	11am-12pm	Cell Biology	K.Anusha
29-08-2023	11am-12pm	Microbiology	K.Anusha
30-08-2023	11am-12pm	Immunology	I.Parnika B.Nageswari
31-08-2023	11am-12pm	Molecular Biology	K.Anusha
01-09-2023	11am-12pm	Genetic Engineering	I.Parnika
02-09-2023	11am-12pm	Plant and Animal Biotechnology	I.Parnika
04-09-2023	11am-12pm	Environmental and Industrial Biotechnology and Nanobiotechnology	I.Parnika
05-09-2023	11am-12pm	Post Bridge evaluation test and feedback	I.Parnika