



DEPARTMENT OF BIOTECHNOLOGY
Department Report for Academic Year 2013-2014

1. ACADEMIC PERFORMANCE :

Student who had achieved 'S' Grade in (Both ODD & EVEN Semester)

Sl. No	REG.NO	NAME	SEM	YEAR	Subject Code & Subject Title
01	912713214005	R. HEMALATHA	I	I	MA6151 & MATHS I
02	912713214007	G. N. NAGAINDHU	I	I	MA6151 & MATHS I
03	912713214014	S. SUSHMITHA	I	I	MA6151 & MATHS I
04	912713214020	V. VINOTHKUMAR	I	I	MA6151 & MATHS I
05	912712214005	G. JITHU	III	II	MA2211 & TPDE
06	912712214012	M. SUJITHA	III	II	MA2211 & TPDE
07	105919151013	JISMI MARIA JOHN	VII	IV	10155BTE13 & GP
08	105919151018	P. PAVITHRA	VII	IV	10155BTE13 & GP
09	105919151024	M. RANJANI	VII	IV	10155BTE13 & GP
10	105919151017	S. PACKIYALAKSHMI	VII	IV	10155BTE41 & PFP
11	105919151018	P. PAVITHRA	VII	IV	10155BTE41 & PFP
12	105919151021	M. RAHANA SULTHANA	VII	IV	10155BTE41 & PFP
13	105919151003	ARYA UNNIKRISHNAN	VII	IV	10155BTE43 & CB
14	105919151013	JISMI MARIA JOHN	VII	IV	10155BTE43 & CB
15	105919151019	G. PRAKASH	VII	IV	10155BTE43 & CB
16	105919151024	M. RANJANI	VII	IV	10155BTE43 & CB
17	105919151025	J. SATHISH KUMAR	VII	IV	10155BTE43 & CB
18	105919151019	G. PRAKASH	VII	IV	10155BTE51 & BPT

TOP 3 Ranks:in UG:

YEAR	STUDENTS NAME	PERCENTAGE
First Year (2013-2017)	R. HEMALATHA	8.7%
	S. SUSHMITHA	8.2%
	K. PITCHURAJAN	8.2%
	G. N. NAGAINDHU	8.05%
Second year (2012-2016)	M.KASINATHAN	8.28%
	M.SUJITHA	8.24%
	G.JITHU	8.24%
	P.AMALA ANUSUYA	8.24%
	M. MANIMEGALAI	8.0%
Third Year (2011-2015)	S.ALAGUROJA	8.32%
	S.BINDIYA	8.1%
	V.R. ALAGAMMAI	8.08%
Final Year (2010-2014)	JISMI MARIA JOHN	9.45%
	P.PAVITHRA	9.32%
	J. JENCY BAVITHRA	9.31%

IN PG:

YEAR	STUDENTS NAME	PERCENTAGE
First Year (2013-2015)	R. K. MINAKSHI DEVI	7.2%
Second year (2012-2014)	R. NAGESWARI	9.53%
	G. DIVYA	9.37%
	SUMA GEORGE	9.23%

100% RESULT PRODUCED:IN UG &PG (Both ODD & Even Semester)

SI No	FACULTY NAME	SUBJECT	SEMESTER
01.	Mrs. S. TAMILARASI	MOLECULAR BIOLOGY	V
02.	Mrs. S.SUBHA	BIOINFORMATICS -I	V
03.	Mr. R. KARTHIK	GENOMICS AND PROTEOMICS	VII
		FOOD PROCESSING BIOPROCESS TECHNOLOGY COMPUTATIONAL BIOLOGY	I-PG
04	Mrs. B. ESWARAPRIYA	PRINCIPLES OF FOOD PROCESSING	VII
05	Mrs. G. ANITHA	CANCER BIOLOGY	VII
06	Mrs. AMMAKANNU Mrs. S.A.SELVI	APPLIED STATISTICS FOR BIOTECHNOLOGISTS	I - PG
07	Mr. V.G. SARAVANAKUMAR	ADVANCED GENETIC ENGG	I-PG
		ENZYME TECHNOLOGY	II- PG

08	Dr. P. BALAMURUGAN	PHARMACEUTICAL BIOTECHNOLOGY ANIMAL BIOTTECHNOLOGY	I-PG II- PG
09	Dr. S. RAJANARAYANAN	ENVIRONMENTAL BIOTECHNOLOGY	I-PG
10	Mrs. S.A.SELVI	PROBABILITY AND STATISTICS	IV
11	Mr. R. KARTHIK	CHEMICAL THERMODYNAMICS AND BIOTHERMODYNAMICS NANOBIOTECHNOLOGY	IV II -PG
12	Mrs. S. TAMILARASI	BIOPROCESS ENGG BIOSEPERATION TECHNOLOGY	VI II -PG
13	Mrs. S. VENNILA	PRINCIPLES OF FOOD PROCESSING IMMUNOTECHNOLOGY	VI II- PG

2. NO OF STUDENTS WHO PRESENTED PAPER - 14(Both ODD & Even Semester)

S.N O.	REG.NO.	NAME OF THE STUDENT	YEA R/ SEM	ORANISING INSTITUTE	EVENTS	DATE OF PROGRA M	AWAR DS
1	912713214001	M. AISHWARYA	I/II	KLNCIT	NATIONAL SYMPOSIU M	28.02.14	PART CIPAT ED
2	912713214014	S. SUSMITHA	I/II	KLNCIT	NATIONAL SYMPOSIU M	28.02.14	PART CIPAT ED
3	912713214003	K. CIBICHAKKARAV ARTHI	I/II	KLNCIT	NATIONAL SYMPOSIU M	28.02.14	II PRIZE
4	912713214017	G. VIGNESH	I/II	KLNCIT	NATIONAL SYMPOSIU M	28.02.14	II PRIZE
5	912713214020	V. VINOCHKUMAR	I/II	KLNCIT	NATIONAL SYMPOSIU M	28.02.14	PART CIPAT ED
6	912713214008	K. PITCHURAJAN	I/II	KLNCIT	NATIONAL SYMPOSIU M	28.02.14	PART CIPAT ED
7	912713214005	R. HEMALATHA	I/II	KLNCIT	NATIONAL SYMPOSIU	28.02.14	PART CIPAT

					M		ED
8	912713214007	G.N.NAGAINDHU	I/II	KLNCIT	NATIONAL SYMPOSIUM	28.02.14	PARTICIPATED
9	912712214001	S.ABINAYA	II/III	KONGU ENGG. COLLEGE	NATIONAL SYMPOSIUM	19.02.2014	PARTICIPATED
10	912712214007	M. MANIMEGALAI	II/III	KONGU ENGG. COLLEGE	NATIONAL SYMPOSIUM	19.02.2014	PARTICIPATED
11	912712214006	M. KASINATHAN	II/IV	BHARATHIDASAN UNIV	NATIONAL CONFERENCE	28&29.03.14	PARTICIPATED
12	912712214005	G.JITHU	II/IV	MIT CAMPUS	NATIONAL SYMPOSIUM	28&29.03.2014	PARTICIPATED
13	912711214004	ASHWATHY NARAYANAN	III/V I	MIT CAMPUS	NATIONAL SYMPOSIUM	28&29.03.2014	PARTICIPATED
14	912711214001	VR. ALAGAMMAI	III/V I	CECRI	NATIONAL WORKSHOP	06&07.03.2014	PARTICIPATED
14	912711214005	S. BINDIYA	III/V I	CECRI	NATIONAL WORKSHOP	06&07.03.2014	PARTICIPATED

3. ASSOCIATION ACTIVITIES:

‘BIO TRACK’

(Biotechnology students association)

Objective of the Bio Track:

To provide a scientific platform to the students for enhancing their presentation skill and updating the current trends in the core area

Bio Track – Members in-charges for activities

Staff in-charge : Dr. S. Rajanarayanan, Professor & Head

Students’ in charges from I M.Tech. Biotechnology

Ms. P. Pavithra

Students' in charges from IV Year Biotechnology (UG)

Mr. M. Somasundaram

Ms. P. Punitha

Students' in charges from III Year Biotechnology (UG)

Ms. M. Sujitha

Students' in charges from II Year Biotechnology (UG)

Mr. J. Vigneshkumar

Frequency of meeting and activities

Scheduled and conducted in every Thursday of college working day and students' presentations, debate and group discussion on recent trends in biotechnology and Quiz programme.

Entrepreneurs from our Department of Biotechnology Passed out Students

Mr. Ranjith G. Paulose, Liatrix Bioscience Ltd (2002-2006 Passed out)

4. SEMINAR/GUEST LECTURES CONDUCTED: - 2

Sl.No	Date	Nature of Event	Title of the Event	Resource Person	Participants
1	4.8.14	GUEST LECTURE	EXCESS PROPERTY	Mr. NAGUL DEV	ALL II YEAR STUDENTS
2	30.7.14	GUEST LECTURE	SN1 AND SN2 REACTION	Mrs. MYTHILI	ALL II YEAR STUDENTS

5. TRAINING AND DEVELOPMENT PROGRAMMES:

STUDENTS VISITED AND LEARNT THE TECHNIQUES IN THE FOLLOWING INDUSTRIES.

Sl/No	NAME AND YEAR	ODD/EVEN	Company Name	LEARNT
1	ASWATHY NARAYANAN, III BIOTECH	ODD	UNIBIOSIS	MOLECULAR BIOLOGY
2	S. BINDIYA, VR. ALAGAMMAI, S.ALAGUROJA III BIOTECH	ODD	KVK, KUNDARAKUDI	MUSHROM CULTIVATION

3	G. GAYATHIRI, R.V.PRISCILLA ASIR AND P. PUNITHA III BIOTECH	EVEN	KISSAN FERTILISER, MADURAI	AGRICULTURAL AND PEST CONTROL MANAGEMENT
4	M. SOMASUNDARAM & S. SURESH BABU III BIOTECH	EVEN	NATURAL REMEDIES PVT LTD, BENGALURU	PHYTOCHEMICAL ANALYSIS
5	S.ABINAYA, P.AMALA ANUSUYA, R. ANITHA, M. DURGA DEVI, M. SUJITHA, M. MANIMEGALAI AND R. PRIYANGA II BIOTECH	ODD	MADURAI AAVIN	MILK PROCESSING
6	G.JITHU II BIOTECH	ODD	UNIBIOSIS	MOLECULAR BIOLOGY
7	S.ABINAYA, M.DURGA DEVI, M. MEERA, M. SUJITHA, N. VINODHA II BIOTECH	EVEN	MADURAI MEENAKSHI MISSION HOSPITAL	BIO-MEDICAL

6. INDUSTRIAL VISIT KEYPOINTS: -

STUDENTS VISITED THE FOLLOWING INDUSTRIES

Sl/No	Year	Date	Company Name	Framework
1	Final Year	27.8.13	ARISTOGENE	GENETIC ENGG
		28.8.13	NATURAL REMEDIES	PHARAMACEUTICAL BIOTECHNOLOGY
		29.8.13	MYSORE ZOO	ANIMAL BIOTECHNOLOGY
2	THIRD AND SECOND Year	28.8.13	PASTEUR INSTITUTE	VACCINE PRODUCTION
		29.8.13	DHOTABETTA TEA FACTORY	BASIC INDUSTRIAL BIOTECHNOLOGY

3	THIRD AND SECOND Year	8.2.14	RAVIBALA EXPORTS	BASIC INDUSTRIAL BIOTECHNOLOGY FOOD PROCESSING
----------	------------------------------	--------	------------------	---

KEY ISSUES:

1. Students Learnt how to Develop Projects..
2. They Learnt the Key Issues of Recent Trends in BIOTECH companies.
3. They understood the concepts related to Project Development and Management.
4. They Realized the Wants, Qualities to be developed to get into Industries.

9. FDP: NIL

10. ARRANGEMENT FOR SLOW LEARNERS:

- a. Conducting Coaching Class.
- b. Providing University Question Bank along with Answers (How to Present Part-A, Part-B answers)
- c. Conducting Regular Test once in a Week.
- d. Monitoring them regularly about their improvement.
- e. Conducting Supplementary Test.

11. BLOOD DONORS -13

SI no.	STUDENTS
1	J. Vignesh Kumar
2	G. Vignesh
3	V. Vinoth Kumar
4	G. Gayathri
5	N. Balaji
6	M. Somasundaram
7	L. Prasanna Venkatesh
8	M. Muniasamy
9	R. Jawahar
10	S. Selvaganesh
11	J. Sathish Kumar
12	G. Prakash
13	A.Deena Dhayalan

12. COUNSELORS ROLE:

- a. To counsel students every week on Friday.
- b. To monitor students related to their Academic and Co-Curricular Activities.
- c. To encourage students to score University Rank.
- d. To Advise to Maintain Attendance regularly.

13. HIGHLIGHTS OF BEST LAB:

- a. Good Laboratory conditions with sophisticated equipments.
- b. Satisfactory Lab Ventilation.
- c. Special Device for Gel Documentation in Molecular Biology and Genetic Engg lab.
- d. Good fermenter set up to learn Bioprocess techniques.
- e. Chromatographical system and Ultra filtration set up for downstream processing lab.
- f. Training on Advanced Bioinformatics.
- g. Good infrastructure design.

II. 13. RESEARCH ACTIVITIES: -3

S/no	Name	Research Area	Status
1	Dr. S. Rajanarayanan	Chemical Biology	Project work is going on
2	Mr. V.G. Saravanakumar	Enzyme Technology	Ph.D., Research work is progressing
3	Mrs. G. Anitha	Genetic Engg.,	Ph.D., Research work is progressing
4.	Mrs. B.Eswarapriya	E.Waste management	Ph.D., Research work is progressing
5	Mr. R. Karthick	NanoBiotechnology	Ph.D., Research work is progressing
6	Mrs. G. Menaga	Medical Biochemistry	Ph.D., Research work is progressing
7	Mrs. Shiny guruce	Environmental Biotechnology	Ph.D., Research work is progressing

Consultancy work by Biotechnology

Area of Consulting	Beneficial persons
Farm animals Management & Agricultural Rodent Pest Management	Consultancy is being provided to the farmers for their better farm management
Aquaculture	Fresh water shrimp culture