

PRATHYUSHA ENGINEERING COLLEGE

REQUEST FOR APPROVAL FOR CONDUCT OF ADD-ON/ CERTIFICATE COURSES

Date: 18.9.2018

From

The Head of the Department,
Department of biotechnology
Prathyusha Engineering College,
Thiruvallur - 602025

To

The Principal
Prathyusha Engineering College,
Thiruvallur - 602025

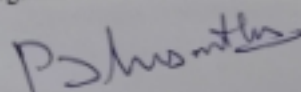
Respected Sir,

Sub: Request for conduct of Add-on /Certificate Courses- Reg


With reference to the suggestions provided by the Academic Council and the Academic Advisory Committee, it is proposed to conduct the following add-on/certificate courses for the academic year 2018-2019.

S.NO	TYPE OF THE COURSE	Name of the Add on Course	Beneficiaries	Semester to be conducted	Venue of conduct	Duration (Hrs)
1	ADD-ON COURSE	APPLICATION OF BIOINFORMATICS TOOLS-LEVEL-II	II,III YEAR	EVEN	BIOINFO LAB	30 HRS

Regards


Head of the Department

Approved/Not Approved

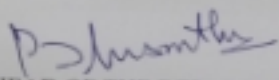

PRINCIPAL

Dr.P.DHASARATHAN M.Sc., M.Tech., Ph.D.,
Head, Department of Biotechnology
Prathyusha Engineering College
Tiruvallur-602025, Taminadu, INDIA

PRATHYUSHA ENGINEERING COLLEGE
DEPARTMENT OF BIOTECHNOLOGY
BIOINFOTECH-CLUB
CIRCULAR

The Department of biotechnology has scheduled the Add on Course titled "Application of bioinformatics tools level-I" through Bioinfo tech Club for the students studying in II, III and IV years of study. The lists of interested students are informed to enroll themselves on or before 8.12.2018 to the course Coordinator .

S.NO	NAME OF THE ADD ON COURSE	PROGRAMME CO-ORDINATOR	DURATION	VENUE
1	APPLICATION OF BIOINFORMATICS TOOLS- LEVEL II	Dr.A.Praveena	30HRS	Bioinformatics laboratory


HEAD OF THE DEPARTMENT
Dr.P.DHASARATHAN M.Sc, M.Tech, Ph.D.,
Head, Department of Biotechnology
Prathyusha Engineering College
Tiruvallur-602025, Tamilnadu, INDIA

Copy To:

1. All Department faculty
2. Programme coordinators
4. To be read in All classrooms
5. Department Notice Board



PRATHYUSHA ENGINEERING COLLEGE

DEPARTMENT OF BIOTECHNOLOGY

ADD-ON COURSE SCHEDULE

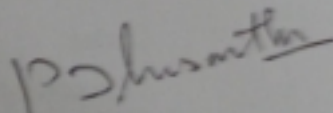
ACADEMIC YEAR: 2018-19

COURSE NAME: APPLICATION OF BIOINFORMATICS TOOLS LEVEL-I

DURATION: 30 HRS

SESSION	TIMING	CONTENT	RESOURCE PERSON	DESIGNATION / ORGANISATION
DAY 1- 3-7-2018				
1	3-5 PM	AUTODOCK TOOLS	Dr.A.Praveena	Associate professor/ Prathyusha Engineering college
DAY 2- - 09.07.2018				
2	3-5 PM	Introduction to molecular modelling and its applications	Dr. A. Praveena,	PEC
DAY 3- - 13.07.2018				
3	3-5 PM	Homology modeling using online Bioinformatics tools	Dr. A. Praveena,	PEC
DAY 4- - 21.07.2018				
4	3-5 PM	Protein sequence retrival and analysis	Dr. A. Praveena,	PEC
DAY 5- - 23.07.2018				
5	3-5 PM	Structure evaluation using ramachandranplot	Dr. A. Praveena,	PEC
DAY 6- 20-8-2018				

6	3-5 PM	Protein structure visualization tools	Dr. A. Praveena,	PEC
DAY 7- 11-1-2019				
7	3-5 PM	DRUG DISCOVERY AND DEVELOPMENT	Dr.C.N.Ramchand	CEO,President, saksinlifescienceindia.
DAY 8- 12-1-2019				
8	3-5 PM	SEQUENCE ANALYSIS	Dr. A. Praveena,	PEC
DAY 9- 19-1-2019				
9	3-5 PM	PHYLOGENETIC ANALYSIS	Dr. A. Praveena,	PEC
DAY 10- 21-1-2019				
10	3-5 PM	EVOLUTIONARY ANALYSIS	Dr. A. Praveena,	PEC
DAY 11- 22-1-2019				
11	3-5 PM	PHYLOGENETIC SOFTWARE	Dr. A. Praveena,	PEC
DAY 12- 23-1-2019				
12	3-5 PM	GENOME DATA ANALYSIS	Dr. A. Praveena,	PEC
DAY 13- 24-1-2019				
13	3-5 PM	GENOME SPECIFIC DATABASES	Dr. A. Praveena,	PEC
DAY 13- 28-1-2019				
14	3-5 PM	TOOLS FOR COMPARTITIVE GENOMICS	Dr. A. Praveena,	PEC


 Dr.P.DHASARATHAN M.Sc., M.Tech.,
 Head, Department of Biotechnology
 Prathyusha Engineering College
 Tiruvallur-602025, Tamil Nadu

Prathyusha Engineering College is established by Prathyusha Educational Trust promoted by Prathyusha Educational Society. The college is approved by AICTE, PGC and Construction Department, Government of Karnataka. The college is affiliated to Anna University, Chennai. Prathyusha Engineering College is established by Prathyusha Educational Trust promoted by Prathyusha Educational Society. The college is approved by AICTE, PGC and Construction Department, Government of Karnataka. The college is affiliated to Anna University, Chennai. Prathyusha Engineering College is established by Prathyusha Educational Trust promoted by Prathyusha Educational Society. The college is approved by AICTE, PGC and Construction Department, Government of Karnataka. The college is affiliated to Anna University, Chennai.

Club Incharges
Dr.M.Themmozhi
Dr.A.Praveena

- COURSE MODULE -LEVEL-2
- 1. Sequence Analysis - II
 - Multiple sequence alignment
 - Tools used for multiple sequence alignment
- 2. Phylogenetic analysis
 - Evolutionary analysis
 - Distance based method and character based methods
 - Phylogenetic software
- 3. Genome data analysis
 - Genome specific databases
 - Tools for comparative genomics

Course Incharge:
Dr.M.Themmozhi

ADD ON COURSE
ON
APPLICATION OF
BIOINFORMATICS TOOL

Organized by



Bioinfo Technical Club
Department of Biotechnolo
Prathyusha Engineering Coll
(2018-19)- Level -2 (30 HRS



HEALTH AND SAFETY DETECTION



PRATHYUSHA ENGINEERING COLLEGE

Approved by AICTE, Affiliated to Anna University, NBA & NAAC accredited,
Poonamallee - Tiruvallur High road, Chennai-602025

ESTD 2001

DEPARTMENT OF BIOTECHNOLOGY COURSE CERTIFICATE

This is to certify that

Mr./Ms./Dr of has successfully

completed the course on APPLICATION OF BIOINFORMATICS TOOLS organized by
bio info Technical Club, Department of Biotechnology, Prathyusha Engineering College
held during 2018-19 (30 HRS)

CO-ORDINATOR

HOD - BIOTECH

PRINCIPAL



ESTD. 2001

PRATHYUSHA ENGINEERING COLLEGE

LIST OF STUDENTS INTERESTED & ENROLLED

ACADEMIC YEAR : 2018-19

FACULTY COORDINATOR : Dr.M.Thenmozhi

COURSE NAME: Applications of bioinformatics tools- level II

S.NO	NAME	DEPT	YEAR	SIGNATURE
1	Abirami. S	Biotech	III	
2	Anusuya .M	Biotech	III	M. Anusuya
3	Aparna S	Biotech	III	S. Aparna
4	Banu Priya D	Biotech	III	
5	Charumathi S	Biotech	III	Charumathi S
6	Devi Subha Sree S	Biotech	III	
7	Dharshini Ravi R	Biotech	III	Dharshini
8	Gayathri K	Biotech	III	Gayathri K. S.
9	Gayathri S	Biotech	III	Gayathri S
10	Genesha V k	Biotech	III	V.K. Genesha
11	Hemamalini S	Biotech	III	
12	Hooreen D	Biotech	III	D. Hooreen
13	Jerin Joshna J	Biotech	III	J. Jerin Joshna
14	Keerthana S	Biotech	III	S. Keerthana

S.No	Name	DEPT	YEAR	SIGNATURE
15	Manoritha G	BIOTECH	III	Manoritha G.
16	Naga Vasudha R	BIOTECH	III	R. Nagavath
17	Nandhini M	BIOTECH	III	Nandhini M.
18	Navaraj G	BIOTECH	III	Navaraj
19	Nithica S	BIOTECH	III	Nithica
20	Padmanabhan P S	BIOTECH	III	Padmanabhan
21	Pavithra Y	BIOTECH	III	Y. Pavithra
22	Prathinisha Prabhakar	BIOTECH	III	Prathinisha
23	Praveen KM	BIOTECH	III	Praveen
24	Priyadharshini J	BIOTECH	III	Priyadharshini
25	Raghunath M	BIOTECH	III	M. Raghunath
26	Shrinidhi S	BIOTECH	III	Shrinidhi
27	Sindya T	BIOTECH	III	Sindya
28	Sowmiya V	BIOTECH	III	V. Sowmiya
29	Subashini S	BIOTECH	III	S. Subashini
30	Suganya S	BIOTECH	III	S. Suganya
31	Yuktha Shreenivasan S	BIOTECH	III	Yuktha S. Shreenivasan
32	Aswini P.R	BIOTECH	III	Aswini

