

Certificate course on
Certificate Course in Fermentation Technology
(23-11-2020 to 28-12-2020)

(ONLINE MODE)



Organized by
Department of Biotechnology
Kakatiya Government College
Hanamkonda-506001

1) Certificate Course in Fermentation Technology (30 Hrs)

Syllabus

- Design of Fermenter & types
- Media for Industrial Fermentation
- Sterilization Methods
- Aeration & Agitation
- Inoculum Development
- Instrumentation & Process Control
- Specific Fermentation: Organic Acid, Wine, Ethanol, α -amylase
- Polysaccharide Production
- Downstream Processes
- Fermentation Economics

Department resolution

Attendance

Close

Participants (17)

🔍 Search



Shyamala Chandra (me)



Ranjith Kandula (host)



Banoth Veeranna



GADDALA VENKATESH



Jhansy



Laya



Rachana Thagarapu



Rasagnya



Bhukya Santhosh



Keerthi Reddy



Lucky Srivastav



➤ Invite

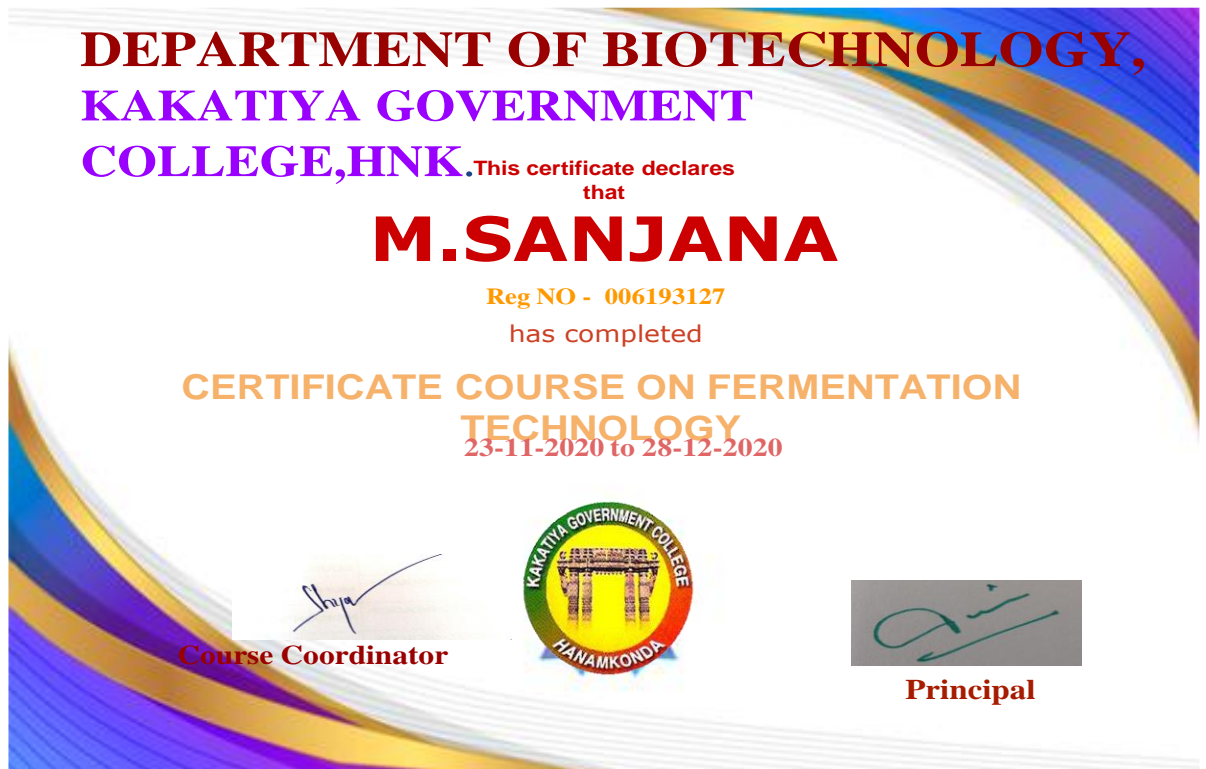


Students enrolled:

S.No	Name of the student	Registered no	Passed/failed
1	Alpukonda Monohith	006-193101	Passed
2	Arrem Bhanu Prasad	006-193102	Passed
3	Athkuri Devender	006-193103	Passed
4	Bandari Anil	006-193104	Passed
5	Bhukya Suman	006-193105	Passed
6	Birudala Abhisha	006-193106	Passed
7	Boga Maheshwar	006-193107	Passed
8	Chunchu Raghuvaran	006-193108	Passed
9	Damera Madhukar	006-193109	Passed
10	Dhikonda Srikanksha	006-193110	Passed
11	Dulam Kamal	006-193111	Passed
12	Etikala Premkumar	006-193113	Passed
13	Jalthari Nagaraju	006-193116	Passed
14	Jampala Pranathi	006-193117	Passed
15	Juluri Sai ram	006-193119	Passed
16	Kanakam Chandana	006-193120	Passed
17	Kethe Rathna Kishore	006-193121	Passed
18	Koduri Shivaram	006-193122	Passed
19	Kodukudu Rakesh	006-193123	Passed
20	Lala Lokesh	006-193124	Passed
21	Manne Bharath Kumar	006-193125	Passed
22	Mohammed Salman	006-193126	Passed
23	MyadariSanjana	006-193127	Passed
24	Nagavath Sumabindhu	006-193128	Passed
25	Onteru Swarnalatha	006-193129	Passed
26	Pallerla Naveen Kumar	006-193130	Passed
27	Pamula Sai Bhargav	006-193131	Passed
28	Pelluri Mayuri	006-193132	Passed
29	Pylla Chandra Shekar	006-193133	Passed
30	Rachakonda Saraswathi	006-193134	Passed

Certificate

Model certificate



Certificate course on

CERTIFICATE COURSE IN GENETIC ENGINEERING

(1-09-2020 to 30-09-2020)

(ONLINE MODE)



Organized by

Department of Biotechnology

Kakatiya Government College

Hanamkonda-506001

Certificate programs offered during 2020-21

2) Certificate Course in Genetic Engineering (30 Hrs)

Syllabus

- Molecular Biology : Concept and Overview
- 1. Introduction to Molecular Genetics & Genomics – History of DNA molecule & discoveries since 1956 till date.
- 2. Physical nature of DNA – DNA is the genetic material, Chemical nature of DNA, DNA is a Double helical molecule.

- 3. How Genes function at Molecular level – Replication, Transcription & Translation, post-transcriptional modification in Eukaryotes, The Genetic Code.
- Restriction Endonucleases and their types
- RFLP : Restriction Fragment Length Polymorphism
- Cloning : Isolation of plasmid, Ligation & Transformation
- Introduction of Recombinant DNA into suitable host: competence development in E.coli.
- Polymerase Chain Reaction (PCR) : Principles and procedure
- Amplifying DNA : PCR and Cell based DNA Cloning – The importance of DNA Cloning, PCR : basic features and application, Principles of Cell-based DNA Cloning, Cloning System for amplifying different sized fragments, Cloning System for producing single-stranded and mutagenized DNA.
- PCR primers and primer designing
- PCR Lab Designing


































Department resolution

Attendance



Close **Participants (13)**

Search

-  **Shyamala Chandra** (me, host)   >
-  **B abhisha**   >
-  **Jhansy**   >
-  **Ranjith Kandula**   >
-  **GADDALA VENKATESH**   >
-  **Laya**   >
-  **Premalatha**   >
-  **Priya,s**   >
-  **Rachana Thagarapu**   >
-  **Raghuvaran**   >
-  **Ramya Thota**   >

Invite

Mute All

Unmute All



Vol) 1 4G LTE 87% 10:59 am



Students enrolled:

S.No	Name of the student	Registered no	Passed/failed
1	D.Naresh	006203001	Passed
2	G.Praveen	006203002	Passed
3	J.Dileep	-3006	Passed
4	M.Abhinandhan	-3012	Passed
5	N.Sowjanya	-3014	Passed
6	T.Srinivas	-3016	Passed
7	M.Bhavani	-3013	Passed
8	K.Shravani	-3007	Passed
9	R.Rajkumar	-3015	Passed
10	B.Aravind	00620-3101	Passed
11	B.Mahesh	-3102	Passed
12	G.Ramesh	-3105	Passed
13	L.Premsagar	-3107	Passed
14	M.Shivakumar	--3108	Passed
15	S.Nvyasree	-3109	Passed
16	T.Mahesh	-3111	Passed
17	A.Sateesh	006213051	Passed
18	G.Shashank	3052	Passed
19	J.David Raj	3053	Passed
20	K.Hemalatha	3054	Passed
21	K.Arun Kumar	3055	Passed
22	M.Vinay Kumar	3056	Passed
23	M.Sriram	3057	Passed
24	N.Deekshika	3058	Passed
25	P.Hemanth	3059	Passed
26	A.Ajay	006213101	Passed
27	B.Hareesha	3102	Passed
28	K.Tejaswi	3106	Passed
29	P.Sravani	3108	Passed
30	S.Swarna Priya	3109	Passed

Certificate

Model certificate

