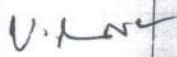

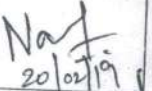



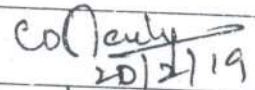
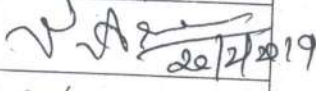

Date: 20-2-2019

Draft Minutes of BOS Meeting


The Agenda of the UG BOS Biotechnology meeting is to incorporate Choice Based Credit System Syllabus- Course Structure of VII & VIII Semesters 2019-20 and Syllabus- Course Structure of III & IV Semesters 2019-20, V & VI Semesters 2020-21, VII & VIII Semesters 2021-22 of B.Tech Bio-Technology as per AICTE Model Curriculum. The following External & internal BOS Biotechnology would be attending the meeting.

S.No	External Member	Address	Contact No	Mail Id	Signature
1	Prof.Ramesh Kumar	OUCT, Hyderabad	9966013569	rameshkumar@osmania.ac.in	
2	Dr.N.Madhusudan Rao	CCMB, Hyderabad.	9949973404	madhu@ccmb.res.in	
3	Prof.Gopal Reddy	O.U. Hyderabad	9948693767	gopalred@hotmail.com	
4	Mr. Navneet Bung	TCS. Hyderabad	9030261636	navneetbung@gmail.com	
5	Mr.Nagendera Varma	Virchow Petrochemicals Hyderabad.	7702221613	tycheindustries varma@virchows.com	 20/02/19

Internal Member

S.No	Internal Member	Contact No	Signature
1	Mr. C. Obula Reddy	9989251954	 20/2/19
2	Dr. V. Aruna	9849831044	 20/2/2019
3	Dr.G.Vijaya Laxmi	9849664939	 20/2/19

The above topics are discussed in the UG BOS Meeting.


I/C HEAD
Dept.of Biotechnology

HEAD
Dept. of Bio-Technology
Chaitanya Bharathi Institute of Technology
Genipet, Hyderabad-500 075.

BOS Meeting

held on 20/2/2019 at HoD Room, CBIT

To discuss the following Agenda

- 1) To finalise the ^{CBS} course structure of VII & VIII semesters 2019-20 of B.Tech Biotech (as per AICTE Model Curriculum)
- 2) To finalise the CBS course structure of III & IV semesters 2019-20 of B.Tech Biotech as per AICTE Model Curriculum
- 3) To finalise the CBS course structure of V & VI semesters 2020-21 of B.Tech Biotech as per AICTE Model Curriculum
- 4) To finalise the CBS course structure of VII & VIII semesters 2021-22 of B.Tech Biotech as per AICTE Model Curriculum

⇒ Prof Gopal Reddy O.V. initially suggested all the faculty to ensure that each unit is justified to complete teaching in 9 hrs / = $9 \times 5 = 45$ hrs / sem. SEM-VII

⇒ Detailed topics which are taught need to be specified in the syllabus - (BPDC - Unit I) - for clarification of students & Examinee as per Prof. Gopal Reddy - Sir. 16BT C44- SEM VII
 Prof. Ramesh Suggest - Boquette - Process control - Book suggestion

⇒ Unit I of CABI need to be revised, to fit, to teach in 9 hrs-

7 Genomics & Proteomics - III - unit to expand the same content for giving clarity to students (Prof Gopal Reddy) 16BT E46.

> DSP. ^{LAB} Cell description; may be other than numbers like muscle cells can be used.

Date: 20-2-2019

Structure of III & of B.Tech Bio-internal BOS

Signature	
U. K. ...	
20/02/19	

HEAD
Biotechnology
...
Hyderabad-500 075.

→ NPTEL Courses opted by students need to be under the control of a co-ordinator to control their activity and study -

→ Molecular Modeling & Drug Design - 3rd Unit QM7
simulations may be included -

Polarisable force fields in unit 3, Ensembles -

as suggested by Mr. Nauneth.

→ Machine Learning - may be incl.

→ NPTEL Open elective 8 & 9 at least 3 courses need to be mentioned in the syllabus. (Apply Machine Learning)

→ * Copy. Define, what a student need to or expected to learn.

20% of Total marks for viva voce in 'Project' in VIII SEM need to be - revised format.

AICTE Model Curriculum -

A suggestion to finalize the structure for 3, 4, 5, 6, 7, 8 Semester followed by detailed evaluation of 3rd & 4th Sem - Syllabus was discussed.

TCS

→ In Biochemistry - of III sem - Expand units with appropriate context description of Glycolysis - mention Electron transport - phosphorylation mentions Glycogenesis - etc. as suggested by Prof - Geopal Reddy -

→ For Unit I of PPR an Introduction to Enzymes need to be included -

and Intro

→ In Bio
may be

= Suggest
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- Measure

- property

- Bug. H.

- Include

- InB - Exp
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Structure

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* U.L

(Prof UR

Not
20/20

* Name

be under
in activity -

and introduce Enzyme properties in BC - unit 1 -

→ In Biochemistry - Lab of III Sem - Post estimation - only Lacey -
may be good.

= Suggested to frame the skeleton Syllabus from Microbio & Ind biotech
for 3rd Sem - & Email to Prof Gopal Reddy for approval

- Measurement of viable count & Turbidity - test expt in Microbio
- property & quality assessment: pulp, beer, wine, etc may be included ^{may be included}
- Bug. HPLC, GC/MS balance of substrates & product should be taught
- Include DNA Analysis - expt - in Instrumentation Lab

INB - Expand 7 unit content - Types of Analytical Methods
& Scheme of Evaluation
Structure of all III IV V VI VII & VIII have been discussed

Detailed Syllabus contents of III & IV SEM have been
discussed in detail and appropriate corrections in content have
been noted.

uses near
Machine learning
to be expected

Project
for award

Gopal Reddy
22/2/19
(Gopal Reddy)

Neel
20/2/19

* V. K. V.
20/2/2019 *
(Prof V. K. V. Kumar)

* V. Aruna
(Dr. Aruna)

for 3, 4, 5, 6, 7 &
of 3rd & 4th

* N. Nagendra Varma
20/2/19
Name

N. Nagendra Varma
(N. Nagendra Varma)

* G. Nagaraj
(Dr. G. Nagaraj)

th appropriate
tion Electron
Synthesis - etc

is needed