

BoS meeting on 18th July 2020

6 messages

Bio Tech HEAD <hod_biotech@cbit.ac.in>

Fri, Jul 17, 2020 at 2:18 PM

To: rameshkumar vadeghar <rameshkumar.ou@gmail.com>, nalam rao <madhu@ccmb.res.in>, vama@tycheindustries.com, Gopal Reddy <gopalred@hotmail.com>, navneet bung <navneetbung@gmail.com>

Dear Sir,

It is a widely accepted fact that inputs from industry, and academia will greatly help in curriculum design for offering the students the best possible curriculum to make them prepared for challenges they face once they graduate. In this regard, I take this opportunity in welcoming you all for the BoS meeting discussion on the proposed modifications in R 18 and R 20 curriculum. I am very thankful to all of you for accepting our invitation in a and sparing your valuable time on Saturday i.e. 18th July 2020 from 10:30 am to 12:30 pm .

The meeting is to discuss the proposed changes incorporated in **R18 syllabus for current 2nd yr and 1st year students and R 20 syllabus for newly joining students in the academic year 2020-2021** after counselling. I am attaching the proposed syllabus of R18 and R20 curriculum for your perusal. Things to be reviewed in tomorrow's meeting are as follows

1. R 18 curriculum of Vsem to 8th semesters
2. R20 curriculum 8 semesters scheme of instructions
3. R20 curriculum 1st sem and 2nd sem syllabus




I will be sending the link for joining tomorrow's online meeting through WebEx platform at 10:30am.

Hope to meet you all tomorrow for a fruitful discussion.

Thanks and Regards

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3 attachments

-  **R 20 as on 17 july 2020.docx**
86K
-  **R 20 Scheme of Instructions for 1,2,3,4,5,6,7 and 8 sem_17.07.2020.docx**
72K
-  **R18 V, VI, VII, VIII Syllabus_17.07.2020.doc**
630K

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Fri, Jul 17, 2020 at 2:26 PM

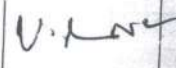
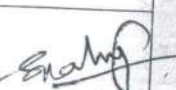
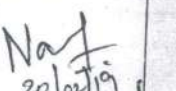
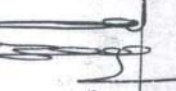
To: "Dr.V.Aruna Assistant Professor" <varuna_biotech@cbit.ac.in>, "Dr.V.P.Sai Arun.P (Regular) Assistant Professor" <saiaarunp_biotech@cbit.ac.in>, "Dr.C. Nagendranatha Reddy" <nagendranath_biotech@cbit.ac.in>, "B.Mishra" <bishwambhar_biotech@cbit.ac.in>, "Sri C.Obul Reddy Assistant Professor" <cobulreddy_biotech@cbit.ac.in>, "Smt. S.Sumitra Assistant Professor" <ssumitra_biotech@cbit.ac.in>, Dr G Vijayalaxmi <drgvlaxmi_biotech@cbit.ac.in>, rajasri yadavalli <rajasriy_biotech@cbit.ac.in>

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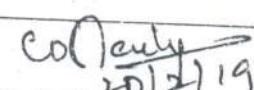
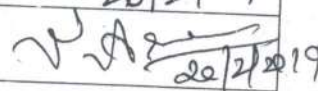
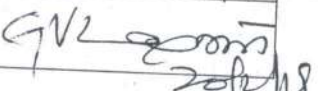
Date: 20-2-2019

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
Genapet, 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 Classification of students & Examinee as per Prof. Gopal Reddy - Sir. 16BT44 - 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) 16BT44G.

> 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
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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
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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

Neel
20/2/19

~~Shahy~~
20/2/19
(Gopal Reddy)

* U. K. V. U.
20/2/2019 *
(Prof V. Ramakrishna)

* ~~V. Aruna~~
(Dr. V. Aruna)

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

* G. Nagaraj
(Dr. G. Nagaraj)

th appropriate
tion Electron
Synthesis - etc

* ~~N. S. N.~~
20/2/19
N. S. N.

~~_____~~

(K. Nagendra Varma)

is needed