



# **PRATHYUSHA ENGINEERING COLLEGE**

## **CRITERIA-1**

### **Curriculum Aspects**

**1.1.3 Teachers of the Institution participate in activities related to curriculum development and assessment of the affiliating University**

**CURRICULUM DEVELOPMENT**

**2016-17**



Gopikrishnan CSE &lt;gopikrishnan.cse@prathyusha.edu.in&gt;

**Fwd: Fw: Syllabus Sub Committee - TYPG6 - Reg.**

1 message

**HOD BIOTECH** <hod.biotech@prathyusha.edu.in>

Sun, Mar 27, 2022 at 1:48 PM

To: Gopikrishnan CSE &lt;gopikrishnan.cse@prathyusha.edu.in&gt;, M GOPIKRISHNAN &lt;mgkc71@gmail.com&gt;, HOD ECE &lt;hod.ece@prathyusha.edu.in&gt;

----- Forwarded message -----

From: **dhasa rathan** <dhasa\_rathan@yahoo.co.in>

Date: Sun, Mar 27, 2022, 13:47

Subject: Fw: Syllabus Sub Committee - TYPG6 - Reg.

To: HOD BIOTECH &lt;hod.biotech@prathyusha.edu.in&gt;

Sent from Yahoo Mail on Android

----- Forwarded Message -----

**From:** "Technology Faculty" <techssc7@gmail.com>

**To:** "anu@annauniv.edu" <anu@annauniv.edu>, "apeer@annauniv.edu" <apeer@annauniv.edu>, "arivucz@gmail.com" <arivucz@gmail.com>, "avidatham@gmail.com" <avidatham@gmail.com>, "balajipharmacology@gmail.com" <balajipharmacology@gmail.com>, "dhasa\_rathan@yahoo.co.in" <dhasa\_rathan@yahoo.co.in>, "gummadi@iitm.ac.in" <gummadi@iitm.ac.in>, "hodpharma@gmail.com" <hodpharma@gmail.com>, "jayasree.r@rajalakshmi.edu.in" <jayasree.r@rajalakshmi.edu.in>, "jdeepa27@siet.ac.in" <jdeepa27@siet.ac.in>, "jsaibaba@gmail.com" <jsaibaba@gmail.com>, "kalkurasn@annauniv.edu" <kalkurasn@annauniv.edu>, "karuna@iitm.ac.in" <karuna@iitm.ac.in>, "ksankaran@annauniv.edu" <ksankaran@annauniv.edu>, "mas@bio.psgtech.ac.in" <mas@bio.psgtech.ac.in>, "meenakshi@annauniv.edu" <meenakshi@annauniv.edu>, "muthu338@gmail.com" <muthu338@gmail.com>, "rajaguru62@gmail.com" <rajaguru62@gmail.com>, "saraswathyn.bt@kct.ac.in" <saraswathyn.bt@kct.ac.in>, "sulochana@svce.ac.in" <sulochana@svce.ac.in>, "yuvaraj@velhightech.com" <yuvaraj@velhightech.com>

**Sent:** Wed, Oct 19, 2016 at 10:50**Subject:** Syllabus Sub Committee - TYPG6 - Reg.

Dear Sir / Madam,

I have the pleasure of informing you that the Registrar, Anna University has appointed you as a Member of the Syllabus Sub Committee for framing the Curricula and Syllabi for **M. Tech. Biotechnology, M. Tech. Biopharmaceutical Technology and M. Tech. Nano Science and Technology** to be offered in PG degree Programmes under R-2017 by the **Constituent Colleges and Affiliated Institutions of Anna University, Chennai** under the **Faculty of Technology** in accordance with the Choice Based Credit System (CBCS).

I am herewith enclosing the intimation letter and guidelines for your reference.

The hard copy of the above details has already been sent to you by post.

Kindly reply with the filled in acceptance letter attached as soon as possible.

Thanking you,  
Dr. T.V. Geetha  
Director, Academic Courses

**Dr. B.R. RAMESH BAPU**  
B.E., M.E., M.S (Engg.), Ph.D.  
PRINCIPAL  
**PRATHYUSHA ENGINEERING COLLEGE**  
Poonamallee to Thiruvallur High Road,  
Chennai - 602 025.



HOD ECE &lt;hod.ece@prathyusha.edu.in&gt;

## Fwd: Fw: Affiliated Institutions PG programmes R-2017 syllabus rough draft

HOD BIOTECH <hod.biotech@prathyusha.edu.in>

Sun, Mar 27, 2022 at 1:46 PM

To: Gopikrishnan CSE <gopikrishnan.cse@prathyusha.edu.in>, M GOPIKRISHNAN <mgkc71@gmail.com>, HOD ECE <hod.ece@prathyusha.edu.in>

----- Forwarded message -----

From: **dhasa rathan** <dhasa\_rathan@yahoo.co.in>

Date: Sun, Mar 27, 2022, 13:45

Subject: Fw: Affiliated Institutions PG programmes R-2017 syllabus rough draft

To: HOD BIOTECH <hod.biotech@prathyusha.edu.in>

Sent from Yahoo Mail on Android

----- Forwarded Message -----

From: "dhasa rathan" <dhasa\_rathan@yahoo.co.in>

To: "Director/Head,CBT/DBT Anna University" <hoddirbtauc@gmail.com>

Sent: Sun, Nov 20, 2016 at 20:47

Subject: Re: Affiliated Institutions PG programmes R-2017 syllabus rough draft

Madam

Revised PG programme is very good madam. In my opinion if we add one theory paper "Research methodology and thesis writing" in second or third semester to be useful for foundation of research. If possible please consider for the same other wise no problem madam go ahead as per rough draft.

Thanking you

Dr. P.Dhasarathan M.Sc., M.Tech., Ph.D., FISEC.,  
Dept. of Biotechnology  
Prathyusha Engineering College  
Aranavayal Kuppam, Poonamallee - Thiruvallur Road,  
Thiruvallur Dt. - 602 025.  
+91-9843192763(Mobile)

On Wednesday, 16 November 2016 11:36 AM, "Director/Head,CBT/DBT Anna University" <hoddirbtauc@gmail.com> wrote:

**Dr. B.R.RAMESH BAPU**  
B.E., M.E., M.S (Engg.), Ph.D.  
PRINCIPAL

**PRATHYUSHA ENGINEERING COLLEGE**  
Poonamallee to Thiruvallur High Road,  
Chennai - 602 025.

Respected Sir/Madam

I am sending the rough draft of curriculum and syllabi for

M. Tech., Biotechnology,

M. Tech., Biopharmaceutical Technology and

M. Tech., Nanoscience & Technology R-2017 for your perusal.

Kindly go through and let me know your inputs and suggestions.

A preliminary examination of curriculum and syllabi is required. So that it can be completed on time on 25.11.16, which will enable us to complete the revised curriculum and syllabi on schedule.

Please feel free to contact me for any queries.

Thanking you,

with regards

C. D. Anuradha  
Head  
Department of Biotechnology  
Director  
Centre for Biotechnology  
Anna University  
Chennai - 600025  
India  
Phone: 914422358363  
044-22358384  
[www.annauniv.edu/BiotechCentre](http://www.annauniv.edu/BiotechCentre)  
[www.annauniv.edu/Biotech](http://www.annauniv.edu/Biotech)



**Dr. B.R.RAMESH BAPU**

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Dated:

**GUIDELINES FOR PREPARATION OF CURRICULA AND SYLLABI FOR  
UG/PG PROGRAMMES UNDER R-2017 (CBCS)**

In the forthcoming syllabus sub-committee meetings with regard to framing the curricula and syllabi under CBCS, we request you to kindly ensure the following points while preparing the revised curriculum for UG/PG Programmes under Regulation - 2017.


**Common points for both UG and PG Programmes**

1. No prerequisites are to be specified for any of the courses
2. General Structure of curriculum for each semester: 6 theory + 2 Lab or 5 theory + 3 Lab
3. The credit pattern of the course is indicated as L:T:P:C format. The L:T:P:C combination for UG / PG programmes can be either of the following:

3:0:0:3	4:0:0:4	0:0:2:1	0:0:4:2	0:0:20:10	0:0:24:12
2:2:0:3	3:2:0:4	0:0:12:6	2:0:2:3		

Please note some important changes

- **2 Hours of Tutorial = 1 credit**
  - **2 hours of Lab = 1 credit & 4 hours of Lab = 2 credits – there can be no 3 hour Lab having 2 credits**
4. Number of credits per semester not more than 25 credits (including Semester 1 & Semester 2)
  5. **Category / Type of courses**
    - **Humanities and Social Sciences (HS)**
      - includes Technical English, Foreign Language, Employability Skills, Engineering Ethics & Human Values, Engineering Economics, Presentation Skills and Technical Seminar, Communication Skills , Environmental Science & Engg.
    - **Basic Sciences (BS)**
      - includes Mathematics, Physics, Chemistry, Biology
    - **Engineering Sciences (ES)**
      - includes Materials, Workshop, Drawing, Basics of Electrical / Electronics / Mechanical/Computer Engineering, Instrumentation
    - **Professional Core (PC)**
      - relevant to the chosen specialization/branch;

  
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- **Professional Electives (PE)**
    - relevant to the chosen specialization/ branch;
  - **Open Electives (OE)**
    - from other technical and/or emerging subject areas;
  - **Project Work (PR)**
    - Seminar and/or Internship in Industry or elsewhere.
- Curriculum Design –Steps**

**Step 1**

- Grouping of courses into HS,BS,ES,PC,PE,OE & EEP.

**Step 2**

- Curriculum Design.

**Step 3**

- Calculation of Number & Percentage of Credits & comparison to AICTE norms – modify if necessary.

**Step 4**

- Summary - Given in Annexure I.

7. The Syllabi for the courses must be upto date and may consist of fundamental concepts, design aspects, problems, case studies, applications, state of art topics as applicable.
8. The books prescribed for each course should be of International / National standard.

**Points pertaining to UG programmes**

  
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1. Regarding the Credit Distribution & minimum credits to complete a program, the number of credits for award of degree may vary among the programmes and may be between **175 and 185** for UG Programmes .
2. The minimum number of credits to complete the programme will be as given in the curriculum of the respective programme.
3. The minimum and maximum duration of the UG programmes is to be 4 years and 8 years respectively.

**4. Typical Curriculum Structure for UG Degree Programmes**

S.No.	Course Work - Subject Area	Range of Total Credits

		(%)	
		Minimum	Maximum
1	Humanities and Social Sciences (HS), including Management;	5	10
2	Basic Sciences(BS) including Mathematics, Physics, Chemistry, Biology;	15	20
3	Engineering Sciences (ES), including Materials, Workshop, Drawing, Basics of Electrical/Electronics/Mechanical/Computer Engineering, Instrumentation;	15	20
4	Professional Subjects-Core (PC), relevant to the chosen specialization/branch; (May be split into Hard (no choice) and Soft(with choice), if required;)	30	40
5	Professional Subjects – Electives (PE), relevant to the chosen specialization/ branch;	10	15
6	Open Subjects- Electives (OE), from other technical and/or emerging subject areas;	5	10
7	Project Work, Seminar and/or Internship in Industry or elsewhere.	10	15

- 5 Minimum eight Elective slots should be given in the curriculum, out of which two are for Open Electives.

**Open Elective (OE)** courses include the courses relevant and allied to the chosen specialization / branch which a student can choose from the Open Elective list specified in the curriculum of the respective B.E. / B. Tech. / B. Arch. Programmes. These courses are normally offered by departments to which the students do not belong

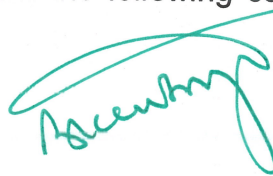
For Project work 10 credits with 20 contact hours should be given.

  
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 Chennai - 602 025.

- 6 For UG courses, in the Syllabus, Textbooks (1 to 3) may be prescribed under "Text Books" and reference books may also be prescribed.
- 7 The Curriculum and Syllabi will contain the following components (Annexure I)

**Points pertaining to PG programmes**

1. Regarding the Credit Distribution & minimum credits to complete a program, the number of credits for award of degree may vary between 65 and 75 for PG Programmes.
2. The minimum number of credits to complete the programme will be as given in the curriculum of the respective programme.
3. The minimum and maximum duration of the PG programmes is 2 years and 4 years respectively.
4. All Types of courses may not be applicable for PG Programmes. (Professional Core (PC), Professional Elective (PE), Humanities and Sciences (HS) may be the only types applicable).
5. For PG courses, in the Syllabus only reference books may be prescribed.
6. The Curriculum and Syllabi will contain the following components (Annexure II).



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Chennai - 602 025.





Off: 22357077 / 76  
Fax / Dir.: 22352272

## CENTRE FOR ACADEMIC COURSES

**Dr. T. V. GEETHA**  
**DIRECTOR**

Lr. No. 4440/AU/SSC/CBCS/FT/2016  
13.10.2016

Sir / Madam,

Sub: Anna University – Syllabus Sub Committee – Revision of Curriculum and Syllabi under R-2017 for the **Constituent Colleges and Affiliated Institutions**

**Faculty of Technology – Appointment as Member – Information – Reg.**

\*\*\*\*\*

I have the pleasure of informing you that the Registrar, Anna University has appointed you as a Member of the Syllabus Sub Committee for framing the Curricula and Syllabi for **M. Tech. Biotechnology, M. Tech. Biopharmaceutical Technology and M. Tech. Nano Science and Technology** to be offered in PG degree Programmes under **R-2017 by the Constituent Colleges and Affiliated Institutions of Anna University, Chennai** under the **Faculty of Technology** in accordance with the Choice Based Credit System (CBCS).

I am to inform you that the Syllabus Sub Committee Meeting of the **Faculty of Technology** will be held on **25.11.2016 (Friday)** at **10.30 AM** at **Conference Hall, ACT Campus, Anna University, Chennai**.

The Agenda will be:

- Full Curriculum & Syllabi (all semesters & electives) of PG programmes.

Salient points of the general guidelines as per AICTE norms is enclosed. The AICTE guidelines are available at [www.aicte-india.org/modelsyllabus.php](http://www.aicte-india.org/modelsyllabus.php) - for reference.

Please come prepared with your inputs, so that we can prepare quality Curriculum & Syllabi. The main discussions will be held on the day of the Syllabus Sub Committee meeting. However, the finalization will be through interaction using group e-mails.

Thank you in advance for your co-operation.

I am to request you to kindly accept the offer and send your acceptance letter on or before 21.10.2016, either by post or by E-mail ([techssc7@gmail.com](mailto:techssc7@gmail.com)).

Yours faithfully,

**DIRECTOR**

- All the members except student members, will be paid a sitting fee of Rs. 2,000/-.
- For all members other than the faculty of Anna University, Chennai the travelling allowance will be paid as per the following norms :
  - Local members from the Chennai city will be paid Rs.500/-.
  - Members from outside Chennai city within Tamil Nadu will be paid at the rate of 3 tier AC fare for travelling in the shortest route 1 & 2/3 (Both ways) (if ticket not produced) (or) Actual Train Fare and Conveyance (ticket should be produced).
  - Members from outside Tamil Nadu State are eligible for Airfare (Economy Class) both ways plus Rs. 1,200/- towards Local conveyance charges, to and fro (Residence – Airport – Anna University).
  - For members from outside Chennai City, travel by car is permitted upto a maximum of 300 km both ways and will be paid Rs.8/- per km subject to the production of the official bill from the travel agency (with TIN Registration number).

**Dr. B.R.RAMESH BAPU**  
B.E., M.E., M.S (Engg.), Ph.D.  
PRINCIPAL

**PRATHYUSHA ENGINEERING COLLEGE**  
Poonamallee to Thiruvallur High Road,  
Chennai - 602 025.

From

To

The Director  
Centre for Academic Courses  
Anna University,  
Chennai – 600 025.

Sir / Madam,

Sub: Anna University, Chennai – Constituent Colleges and Affiliated  
Institutions - Membership in the Syllabus Sub Committee in the Faculty of  
Technology - Acceptance – Reg.

Ref: Lr. No. 4440/AU/SSC/CBCS/FT/2016, Dated:13.10.2016

\*\*\*\*\*

With reference to the above, I hereby accept / regret to accept\* to serve as a  
member in the Syllabus Sub Committee Meeting of the Faculty of Technology, Anna  
University, Chennai - 600 025.

Kindly make it convenient to attend the meeting. A line of confirmation  
through E-mail [techssc7@gmail.com](mailto:techssc7@gmail.com) will be appreciated.

Please provide your 1. E-mail :  
2. Mobile no. :

Thanking you,

Yours faithfully,

\* Strike out which ever is not applicable.



**Dr. B.R.RAMESH BAPU**  
B.E., M.E., M.S (Engg), Ph.D.  
PRINCIPAL

**PRATHYUSHA ENGINEERING COLLEGE**  
Poonamallee to Thiruvallur High Road,  
Chennai - 602 025.



**Dr. T. V. GEETHA**  
 DIRECTOR

LT No. 444/ANU/SSC/CBOS/FT/2016  
 TO: 11  
 Mr. Chalappan  
 Associate Professor  
 Department of Biotechnology  
 Prathyusha Engineering College  
 Arattiyal Kupam, Poonamallee Tiruvallur

13.10.2016

Sir / Madam,

Sub: Anna University - Syllabus Sub Committee - Revision of Curriculum and Syllabi under R-2017 for the Constituent Colleges and Affiliated Institutions - Faculty of Technology - Appointment as Member - Information - Reg.

I have the pleasure of informing you that the Registrar, Anna University has appointed you as a Member of the Syllabus Sub Committee for framing the Curricula and Syllabi for B. Tech. Food Technology, B. Tech. Biotechnology and B. Tech. Pharmaceutical Technology to be offered in UG degree Programmes under R-2017 by the Constituent Colleges and Affiliated Institutions of Anna University, Chennai under the Faculty of Technology in accordance with the Choice Based Credit System (CBCS).

I am to inform you that the Syllabus Sub Committee Meeting of the Faculty of Technology will be held on 14.11.2016 (Monday) at 10.30 AM at Conference Hall, ACT Campus, Anna University, Chennai.

The Agenda will be:

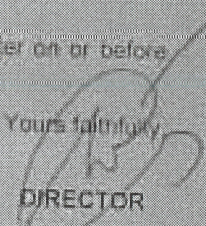
- Full Curriculum of UG Programmes and Syllabi of I & II Semesters

Salient points of the general guidelines as per AICTE norms is enclosed. The AICTE guidelines are available at [www.aicte-india.org/modelsyllabus.php](http://www.aicte-india.org/modelsyllabus.php) - for reference.


Please come prepared with your inputs, so that we can prepare quality Curriculum & Syllabi. The main discussions will be held on the day of the Syllabus Sub Committee meeting. However, the finalization will be through interaction using group e-mails.

Thank you in advance for your co-operation.

I am to request you to kindly accept the offer and send your acceptance letter on or before 21.10.2016, either by post or by E-mail ([techssc7@annauniv.edu](mailto:techssc7@annauniv.edu)).

Yours faithfully  
  
 DIRECTOR

- All the members except student members, will be paid a sitting fee of Rs. 2,000.
- For all members other than the faculty of Anna University, Chennai, the traveling allowance will be paid as per the following norms:
  - Local members from the Chennai city will be paid Rs.500.
  - Members from outside Chennai city within Tamil Nadu will be paid at the rate of 1-lac AC fare for travelling in the shortest route 1 & 2/3 (Both ways) of ticket not produced (or) Actual Train Fare and Conveyance ticket should be produced.
  - Members from outside Tamil Nadu State are eligible for Airfare (Economy Class) both ways plus Rs. 1,200/- towards Local conveyance charges to and fro Residence - Airport - Anna University.
  - For members from outside Chennai City travel by car is permitted upto a maximum of 300 km both ways and will be paid Rs. 10/- per km towards the petrol cost to be paid to the travel agency with TIN Registration number.

  
**Dr. B.R. RAMESH BAPU**  
 B.E., M.E., M.S (Engg.), Ph.D.  
 PRINCIPAL

**PRATHYUSHA ENGINEERING COLLEGE**  
 Poonamallee to Thiruvallur High Road,  
 Chennai - 602 025.



Dr. T. V. GEETHA  
DIRECTOR

CENTRE FOR ACADEMIC COURSES  
ANNA UNIVERSITY  
CHENNAI - 600 025

Off. 22357077 / 76  
Fax / Dir. 22352272

1/25/16

Letter No 4518/AU/CAC/2016

25.10.2016

To

The Principal  
Prathyusha Engineering College  
Aranvoyal Kuppam, Poonamallee,  
Tiruvallur.

Sir / Madam,

Sub: Affiliated Institutions - R 2017(CBCS) - Revision of Curricula and Syllabi - Reg

\*\*\*\*\*

Wish you a Happy Deepavali. Thank you for all the co-operation extended by you for all academic activities of the Affiliated Institutions. For the Affiliated Institutions of Anna University the revision of Curricula and Syllabi for the new Regulations R - 2017(CBCS) is under progress. In this regard the Syllabus Sub Committee Meetings are scheduled in the month of November 2016. The Following Staff members as detailed below are requested to help the faculty Chairman in coordinating the activities along with two members from University Departments. It is also requested that additional staff from your college (Teaching Assistant / Professional Assistant) may please be assigned to assist in the above activities, at your institution.

SL.NO	FACULTY NAME	PROGRAMMES
1	Mr. Cholapandian Associate Professor Department of Biotechnology Prathyusha Engineering College	1. B Tech Food Technology 2. B Tech Biotechnology and 3. B Tech Pharmaceutical Technology

You are kindly requested to pass on this information to the concerned faculty of the department in this regard. Please extend your cooperation for the smooth conduct of all the committed meetings and in the complete revision process.

Thanking you,

Yours Sincerely,

DIRECTOR

Copy to

1. The Chairman, Faculty of Technology, Anna University, Chennai - 600 025
2. Mr. Cholapandian, Associate Professor, Department of Biotechnology, Prathyusha Engineering College, Aranvoyal Kuppam, Poonamallee, Tiruvallur - Coordinator
3. The Stock File - CAC.

1/26/16

Dr. B.R. RAMESH BABU  
B.E., M.E., M.S (Engg.), Ph.D.  
PRINCIPAL

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