



J.K.K.MUNIRAJAH
COLLEGE OF TECHNOLOGY
(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)
(AUTONOMOUS)

ISO 9001:2015 Certified Institution

Accredited by **NAAC**
"A" GRADE

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Smt. VASANTHAKUMARI MUNIRAJAH
Chairman & Managing Trustee

Mrs. M.KASTHURIPRIYA MBA.,
Secretary

DR.K.SRIDHARAN Ph.D.,
Principal

17-12-2024

TO WHOMSOEVER IT MAY CONCERN

As per the resolution taken by Anna University, Chennai towards the implementation of CBCS/Elective course system in 22nd Academic council meeting (Regulations 2017) and 27th Academic council meeting (Regulations 2021) with the presence and approval of registrar and secretary of academic council Anna University, Chennai is highlighted.


PRINCIPAL

Principal
J.K.K.Munirajah College of Technology
(Autonomous)
T.N.Palayam, Gobi:(Tk),
Erode (Dt) - 638 506



ANNA UNIVERSITY : : CHENNAI – 600 025

THE MINUTES OF THE 22nd ACADEMIC COUNCIL

MINUTES OF THE 22nd MEETING OF THE ACADEMIC COUNCIL HELD ON 26.07.2017 AT 10.00 A.M. IN THE ACADEMIC COUNCIL HALL OF ANNA UNIVERSITY CHENNAI UNDER THE CHAIRMANSHIP OF THE CHAIRMAN, CONVENER COMMITTEE, ANNA UNIVERSITY CHENNAI.

The following members were present:

1	The Chairman	Convener Committee, Anna University, Chennai -25.
2	Dr. S. Ganesan	The Registrar (Secretary), Anna University, Chennai – 25.
3	Dr. S.S. Ramakrishnan	Chairman, Faculty of Civil Engineering, AU, Chennai – 25.
4	Dr. L. Karunamoorthy	Chairman, Faculty of Mechanical Engineering, AU, Ch – 25.
5	Dr. B. Umamaheswari	Chairperson, Faculty of Electrical Engineering, AU, Ch – 25.
6	Dr. A.P. Shanthi	Chairperson, Faculty of I & C, AU, Chennai – 44.
7	Dr. A. Peer Mohamed	Chairman, Faculty of Technology, AU, Chennai – 25.
8	Dr. Ranee Vedamuthu	Chairperson, Faculty of Architecture & Planning, AU, Ch – 25.
9	Dr. K. Sivakumar	Chairman, Faculty of S & H, AU, Ch – 25.
10	Dr. L. Suganthi	Chairperson, Faculty of Management Sciences, AU, Ch-25
11	Dr. N. Rajendran	The Director, University Library, Anna University, Ch – 25.
12	Dr. B.V. Mudgal	Professor, Department of Civil Engineering, CWR, AU, Ch – 25.
13	Dr. S. Usa	Professor, Division of High Voltage, Department of Electrical Engg, AU, Chennai– 25
14	Dr. S. N. Geetha	Professor, Department of Management Studies, Anna University, Ch – 25.
15	Dr. N. Selvakumar	Professor, Department of Textile Technology, AC Tech, Anna University, Ch – 25.
16	Dr. K.R. Sitalakshmi	Professor, Department of Architecture, SAP Campus, Anna University, Ch – 25.
17	Dr. M. Venkatesan	Professor, Department of Mathematics, AU, Chennai – 25.
18	Dr. V. Kumar	The Principal, Thanthai Periyar Government Institute of Technology, T.P.G.I.T., Bagayam, Vellore – 632 002.
19	Dr. Indra Getzy David	The Principal, Government College of Engg, Kanyakumari Road, Perumalpuram, Tirunelveli – 627 007
20	Dr. Esther Annlin Kala James	The Principal, Govt. College of Engineering, Srirangam, Fatima Nagar (PO), Tiruchirappalli – 620 012.
21	Dr. J. Lakshmana Perumal	The Principal, Government College of Engg, Karuppur Village, Salem – 636 011.
22	Dr.P. Thamarai	The Principal, Government College of Engg., Settikarai, Dharmapuri – 636 704.

23	Dr. S. Jayanthi	The Principal, Government College of Engineering, Bodiyanayakanur, Theni District – 625 513.
24	Dr. P. Thirumal	The Principal, Government College of Engineering, Bargur, Madepalli, Krishnagiri – 635 104.
25	Dr. V. Selladurai	The Principal, Coimbatore Institute of Technology, Avinashi Road, Coimbatore – 641 014.
26	Dr. A. Elango	The Principal, Alagappa Chettiar College of Engineering and Technology, Karaikudi, Sivaganga – 630 004.
27	Dr. G. Wiselin Jiji	The Principal, Dr. Sivanthi Athitanar College of Engineering Tiruchendur - 628 215, Tuticorin District
28	Dr.P.K.Suresh	The Principal, Meenakshi Sundararajan Engineering College 363, Arcot Road, Kodambakkam, Chennai - 600 024.
29	Dr. G. Mahendran	The Principal, IFET College of Engineering, Villupuram-605108
30	Dr.C.V.Jayakumar	The Principal, Sri Sai Ram Engineering College, Sai Leo Nagar, West Tambaram, Chennai – 600 044.
31	Dr. N. Duraipandian	The Principal, Velammal Engineering College, Velammal Nagar, Ambattur –Red Hills Road, Chennai – 600 066.
32	Dr. B. Chidhambara Rajan	The Principal, Valliammai Engineering College, SRM Nagar, Kattankulathur - 603 203.
33	Dr. D.Valavan	The Principal, Saranathan College of Engineering, Venkateswara Nagar, Edamalai Patti, Pudur Post, Panjappur Village, Srirangam Taluk-12
34	Dr. Ganesan Shanthi	The Principal, Shivani Engineering College, Trichy-Dindigul Road, Poolangulathupatti, Tiruchirappalli – 620 009.
35	Dr. S.Charles	The Principal, Dhanalakshmi Srinivasan College of Engineering NH-47, Narakkurai (P.O), Madhukkarai (TK), Coimbatore Dist.
36	Dr. J. Janet	The Principal, Sri Krishna College of Engineering & Technology, Kuniamuthur Post, Coimbatore - 641 008.
37	Dr. K.A. Mohamed Junaid	The Principal, RMK Engineering College, RSM Nagar, Kavaraipeitai, Gummidipoondi Taluk - 601 206.
38	Dr.V.Venkatachalam	The Principal, Erode Sengunthar Engineering College Thudupathi, Perundurai Tk, Erode – 638 057.
39	Dr. R S Kumar	The Principal, Kumaraguru College of Technology Chinnavedampatti, Saravanampatty, Coimbatore - 641049.
40	Dr. V. Lakshmi Prabha	Former Principal, GCT, Coimbatore, B1, KTVR Towers, Thadagam Road, Coimbatore - 641013
41	Thiru. Murali, M.E.,	Superintendent Engineer, Load Despatch Centre, TNEB Chennai – 600 002
42	Dr. Rajendra Kumar, I.A.S.	Chairman & Managing Director– ELCOT, 692, M.H.U. Complex, Anna Salai, Nandanam, Chennai - 35
43	Mr. C. Duraisamy	The Chief Engineer (DOTE), Technical Education Circle, Ch – 25.
44	Mr. A. J. Jegadheeson,	Head, Manufacturing Methods, TQM Office, Lucas TVS, Padi, Chennai - 50
45	Dr. G. Balakrishnan	Engineering Supervisor – I, Caterpillar India Private Limited, Sriperumputhur Road, Tiruvallur, Chennai – 600 113.
46	Dr. Hema Gopal	Vice- President, Tata Consultancy Services, Onesez Unit, 200 Ft Road, Thoraipakkam, Chennai – 600 096.
47	Dr. M. Perumal Pillai	Executive Director / Scientist 'G', National Institute of Electronics & Information Technology, NIT Campus Post, Calicut - Kerala - 673 601
48	Dr. K. Prakalathan	Manager (Testing), CIPET Head Office, TVK Industrial Estate, Guindy, Chennai-32
49	Mr. Iniyam Nehru	Senior Technical Director, National Informatics Centre, 3rd Avenue, Tiruvalluvar Nagar, Besant Nagar, Chennai – 600 090.

22nd ACADEMIC COUNCIL**MINUTES**

- | | | |
|----|---------------------------|---|
| 50 | Mr. P. Balakrishnan, FIE | Professor, Appadurai Chair (TNEB Chair), Department of EEE
Tamil Nadu Electricity Board |
| 51 | Dr. M. S. Srinivasan, FIE | Fellow of Indian Institution of Technical Arbitrators, No.26, Oliver
Road, Mylapore, Chennai - 600 004. |
| 52 | Dr. R. Mahadevan | Former President, Society of Automotive Engineers, No.1,
Ground Floor, Gandhi Mandapam Road, ISTE Professional
Road, Kotturpuram, Ch-600 025. |
| 53 | Thiru. Shanmuganathan | Additional Industrial Advisor, MSME Development Institute
Government of India, Chennai,65/1,G.S.T. Road, Guindy, Ch-32 |
| 54 | Thiru. Bala Subramanian | The General Manager, Tamilnadu Small Industries,
Development Corporation Limited (TANSIDCO), Guindy
Industrial Estate, Chennai - 32 |
| 55 | Dr. S. Arul Daniel | Professor, Department of EEE, National Institute of Technology,
Tiruchirappalli – 620 015. |

Special Invitees

- | | | |
|----|---|---|
| 56 | The Dean | CEG Campus, Anna University, Chennai - 25. |
| 57 | The Dean | ACT Campus, Anna University, Chennai - 25. |
| 58 | The Dean | MIT Campus, Anna University, Chennai - 25. |
| 59 | The Dean | SAP Campus, Anna University, Chennai - 25. |
| 60 | The Controller of Examinations | Anna University, Chennai - 600 025. |
| 61 | The Additional Controller of Examinations | Anna University, Chennai - 600 025. |
| 62 | The Deputy Controller of Examinations | Anna University, Chennai - 600 025. |
| 63 | The Director | Centre for Research, Anna University, Chennai
– 600 025. |
| 64 | The Director | Centre for Distance, Anna University, Chennai –
600 025. |
| 65 | The Director | Centre for Centre for Academic Courses, Anna
University, Chennai – 25. |
| 66 | The Additional Directors | Centre for Centre for Academic Courses, Anna
University, Chennai – 25. |
| 67 | The Deputy Directors | Centre for Centre for Academic Courses, Anna
University, Chennai – 25. |

The meeting began with the Registrar and Secretary, Academic Council, Anna University, Chennai, delivering the welcome address and calling the meeting to order. He outlined briefly the various agenda items to be presented at the meeting. He also described the various committees and Academic meetings held to formulate the Choice Based Credit System Regulations and Syllabi for the UG and PG Programmes offered under the Affiliated Institutions in the Academic Year 2017-2018. After the formal welcome, he requested the Chairman, Convener Committee to deliver the Special Address and Chair the meeting.

The Chairman, Convener Committee while addressing the Council, highlighted that the curricula and syllabi of 57 PG programmes and curricula and syllabi of the first two semesters of 41 UG programmes would be discussed in the Academic Council. The Chairman, Convener Committee stressed the challenge in shaping and formulating the Regulations under the Choice Based Credit System which calls for a flexible and learner oriented approach to the teaching learning process. He sought the cooperation and valuable guidance from the respective members to achieve the goals of the University.

Following the address by the Chairman, Convener Committee, Commissioner of Technical Education and Dr. Rajendra Kumar, Chairman & Managing Director- ELCOT addressed the gathering. The Director, Academic Courses moved the following agenda items on behalf of the Chairman, Convener Committee.

Items Moved by the Chairman, Convener Committee

VC 22.01 TO NOTE THE APPROVAL GIVEN BY THE SYNDICATE TO THE MINUTES OF THE 21st MEETING OF THE ACADEMIC COUNCIL HELD ON 07.01.2016.

The Minutes of the 21st Meeting of the Academic Council held on 07.01.2016 as approved by the Syndicate in its meeting held on 06.10.2016.

RESOLVED TO NOTE the approval of the Minutes of the 21st Academic Council.

➤ Minutes of 21st Academic Council

VC 22.02 TO CONSIDER AND RATIFY THE EQUIVALENCE GRANTED BY THE EQUIVALENCE COMMITTEE FOR THE DEGREES AWARDED BY OTHER INDIAN UNIVERSITIES AND FOREIGN UNIVERSITIES AS ELIGIBLE QUALIFICATION FOR ADMISSION TO VARIOUS PG / M.S. / Ph.D. PROGRAMMES OF ANNA UNIVERSITY, CHENNAI.

RESOLVED TO RATIFY the equivalence granted by the Equivalence Committee for the degrees awarded by other Indian Universities and Foreign Universities as eligible qualification for admission to various PG / M.S. / Ph.D. programmes of Anna University, Chennai.

EQUIVALENCY GRANTED

VC 22.03 TO CONSIDER AND RATIFY THE FOLLOWING NOTIFICATION GRANTING PERMISSION TO THE STUDENTS OF UNIVERSITY DEPARTMENTS / AFFILIATED INSTITUTIONS WHO HAVE EXHAUSTED THE MAXIMUM PERIOD OF STUDY, TO WRITE THE ARREAR EXAM (S) AS THE LAST CHANCE, TO COMPLETE THEIR DEGREE PROGRAMME.

RESOLVED TO RATIFY the following Notification granting permission to the students of University Departments / Affiliated Institutions who have exhausted the maximum period of study, to write the arrear exam (s) as the last chance, to complete their degree programme.

NOTIFICATION

VC 22.04 TO CONSIDER AND RATIFY THE PERMISSION GIVEN TO STUDENTS EXCHANGE PROGRAMME OF ANNA UNIVERSITY DEPARTMENTS TO UNDERGO VARIOUS SEMESTERS OF STUDY AT UNIVERSITIES ABROAD UNDER VARIOUS AGREEMENTS.

RESOLVED TO RATIFY the permission given to students Exchange programme of Anna University Departments to undergo various semesters of study at universities abroad under various agreements.

ANNEXURE – AI

VC 22.05 TO CONSIDER AND RATIFY THE SPECIAL PERMISSION GRANTING ADDITIONAL PERIOD OF STUDY TO INDIVIDUAL STUDENTS FOR COMPLETING THEIR DEGREE PROGRAMMES.

RESOLVED TO RATIFY the special permission granting additional period of study to individual students for completing their degree programmes.

ANNEXURE - AII

VC 22.06 TO CONSIDER AND APPROVE THE FOLLOWING REGULATIONS 2017 UNDER CBCS FOR THE UG / PG PROGRAMMES TO BE OFFERED BY THE AFFILIATED INSTITUTIONS.

RESOLVED TO APPROVE the following Regulations 2017 under CBCS for the UG / PG programmes to be offered by the Affiliated Institutions.

- a) **Regulations 2017** – UG – B.E./B.Tech. (Full-Time)
- b) **Regulations 2017** – UG – B.Arch. (Full-Time)
- c) **Regulations 2017** – PG – M.E./M.Tech./M.C.A./M.B.A./M.Sc.
- d) **Regulations 2017** – PG – M. Arch.

- The Members Suggested that in the Clause 15 of UG – B.E./B.Tech. (Full-Time) ,PG – M.E./M.Tech./M.C.A./M.B.A./M.Sc and Clause 14 of PG – M. Arch and Clause 16 of UG – B.Arch. (Full-Time) regarding Award of Letter Grades, **Grade B (Above Average) to be renamed as Grade B (Average).**

RESOLVED to carry out suggested modifications.

VC 22.07 TO CONSIDER AND RATIFY THE FOLLOWING REGULATIONS 2015 UNDER CBCS FOR THE M.Sc. / M.B.A. (5 YEARS INTEGRATED) PROGRAMMES TO BE OFFERED BY THE AFFILIATED INSTITUTIONS.

RESOLVED TO RATIFY the following Regulations 2015 under CBCS for the M.Sc. / M.B.A. (5 years Integrated) programmes to be offered by the Affiliated Institutions.

Regulations 2015 – M.Sc. / MBA (5 years Integrated)

VC 22.08 TO CONSIDER AND RATIFY THE FOLLOWING REGULATIONS 2017 FOR THE UG (PART TIME) PROGRAMMES TO BE OFFERED BY THE UNIVERSITY DEPARTMENTS.

RESOLVED TO RATIFY the following Regulations 2017 for the UG (Part Time) programmes to be offered by the University Departments.

Regulations 2017 – UG – B.E./B.Tech. (Part-Time)

VC 22.09 TO CONSIDER AND RATIFY THE AMENDMENTS TO THE UG / PG DEGREE PROGRAMME OFFERED IN UNIVERSITY DEPARTMENTS UNDER R-2012 AND R-2015.

RESOLVED TO RATIFY the amendments to the UG / PG degree programme offered in University Departments under R-2012 and R-2015.

AMENDMENTS – REGULATIONS 2012 - UG

AMENDMENTS – REGULATIONS 2015 (CBCS) - UG

AMENDMENTS – REGULATIONS 2015 (CBCS) - PG

VC 22.10 TO CONSIDER AND APPROVE THE INTRODUCTION OF ELECTIVE COURSES ON “1. YOUTH RED CROSS MOVEMENT” APPROVED BY THE YRC CELL, ANNA UNIVERSITY AND “2. NATIONAL CADET CORPS STUDIES” APPROVED BY THE NCC, ANNA UNIVERSITY, TO ALL UNDERGRADUATE PROGRAMMES OF BOTH UNIVERSITY DEPARTMENTS AND AFFILIATED INSTITUTIONS AS PER THE DIRECTION OF UGC.

RESOLVED TO APPROVE the introduction of elective courses on “1. Youth Red Cross Movement” approved by the YRC Cell, Anna University and “2. National Cadet Corps Studies” approved by the NCC, Anna University, to all undergraduate programmes of both University Departments and Affiliated Institutions as per the direction of UGC.

1. **Youth Red Cross Movement**
2. **National Cadet Corps Studies**

1. BUSINESS BROUGHT FORWARDED BY THE BOARDS OF STUDIES.**AGENDA FROM FACULTY OF CIVIL ENGINEERING****I. ITEMS PERTAINING TO UNIVERSITY DEPARTMENTS**

FC22.01 TO CONSIDER AND RATIFY THE CURRICULA AND SYLLABI FOR THE UG (PART-TIME) PROGRAMME OFFERED IN UNIVERSITY DEPARTMENTS UNDER R-2017 WITH EFFECT FROM THE ACADEMIC YEAR 2017 – 2018 ONWARDS.

RESOLVED TO RATIFY the Curricula and Syllabi for the UG (Part-Time) programme offered in University Departments under R-2017 with effect from the Academic year 2017 – 2018 onwards.

B.E. (PART- TIME) CIVIL ENGINEERING

FC22.02 TO CONSIDER AND RATIFY THE SHIFTING OF THE COURSE “CE7611 COMPUTER AIDED BUILDING DRAWING” CURRENTLY LISTED IN THE VI SEMESTER OF B.E. CIVIL ENGINEERING UNDER R-2015 (CBCS) OFFERED IN UNIVERSITY DEPARTMENTS TO IV SEMESTER.

RESOLVED TO RATIFY the shifting of the course “CE7611 Computer Aided Building Drawing” currently listed in the VI semester of B.E. Civil Engineering under R-2015 (CBCS) offered in University Departments to IV semester.

B.E. Civil Engineering (Revised)

FC22.03 TO CONSIDER AND RATIFY THE FOLLOWING REVISED CURRICULUM OF M.E. ENVIRONMENTAL MANAGEMENT (PART TIME) UNDER R-2015 (CBCS) OFFERED IN UNIVERSITY DEPARTMENTS.

RESOLVED TO RATIFY the following revised curriculum of M.E. Environmental Management (Part Time) under R-2015 (CBCS) offered in University Departments.

- 1. M.E. Environmental Management (Revised)**
- 2. M.E. Structural Engineering (Revised)**

FC22.04 TO CONSIDER AND RATIFY THE PERMISSION GRANTED FOR THE SPECIAL ELECTIVE COURSES FOR PH.D. / M.S. (BY RESEARCH) PROGRAMMES OFFERED IN THE UNIVERSITY DEPARTMENTS UNDER THE FACULTY OF CIVIL ENGINEERING, ANNA UNIVERSITY, CHENNAI.

RESOLVED TO RATIFY the permission granted for the Special Elective courses for Ph.D. / M.S. (By Research) programmes offered in the University Departments under the Faculty of Civil Engineering, Anna University, Chennai.

FC9015 Constitutive Modelling in Geomechanics

II. ITEMS PERTAINING TO AFFILIATED INSTITUTIONS

FC22.05 TO CONSIDER AND APPROVE THE CURRICULUM I TO VIII SEMESTERS AND SYLLABUS OF I & II SEMESTERS FOR THE UG (FT) (CBCS) DEGREE PROGRAMMES TO BE OFFERED IN AFFILIATED INSTITUTIONS UNDER R-2017 WITH EFFECT FROM THE ACADEMIC YEAR 2017 – 2018 ONWARDS.

RESOLVED TO APPROVE the Curriculum I to VIII semesters and Syllabus of I & II semesters for the UG (FT) (CBCS) degree programmes to be offered in Affiliated Institutions under R-2017 with effect from the Academic year 2017 – 2018 onwards.

1. **B.E. Civil Engineering**
2. **B.E. Environmental Engineering**
3. **B.E. Geoinformatics Engineering**
4. **B. E. Agriculture Engineering**

FC22.06 TO CONSIDER AND APPROVE THE NEW CURRICULA AND SYLLABI UNDER CBCS FOR THE PG (FT) DEGREE PROGRAMMES TO BE OFFERED IN AFFILIATED INSTITUTIONS UNDER R-2017 WITH EFFECT FROM THE ACADEMIC YEAR 2017 – 2018 ONWARDS.

RESOLVED TO APPROVE the new Curricula and Syllabi under CBCS for the PG (FT) degree programmes to be offered in Affiliated Institutions under R-2017 with effect from the Academic year 2017 – 2018 onwards.

1. M.E. Structural Engineering
2. M.E. Construction Engineering and Management
3. M.E. Environmental Engineering
4. M.E. Soil Mechanics and Foundation Engineering
5. M.Tech. Remote Sensing

➤ The Members suggested that the Practical Training courses may be renamed as Practical Training I, II & III in M.E. Structural Engineering and M.E. Construction Engineering and Management.

RESOLVED to carry out suggested modifications.

FC22.07 TO CONSIDER AND APPROVE THE COMMON SYLLABUS FOR CIVIL ENGINEERING RELATED SUBJECTS OF B.E. / B.TECH. DEGREE PROGRAMMES UNDER R-2017 OFFERED BY THE AFFILIATED INSTITUTIONS ANNA UNIVERSITY, CHENNAI WITH EFFECT FROM THE ACADEMIC YEAR 2017 - 2018.

RESOLVED TO APPROVE the common syllabus for Civil Engineering related subjects of B.E. / B.Tech. Degree programmes under R-2017 offered by the Affiliated Institutions Anna University, Chennai with effect from the Academic year 2017 - 2018.

Common Syllabus for Civil Engineering Related Subjects of
B.E. / B.Tech. Degree Programmes Under R-2017

FC22.08 TO CONSIDER AND RATIFY THE REVISED CURRICULA AND SYLLABI FOR THE UG PROGRAMMES OFFERED IN AFFILIATED INSTITUTIONS UNDER R-2013.

RESOLVED TO RATIFY the revised Curricula and Syllabi for the UG programmes offered in Affiliated Institutions under R-2013.

1. B.E. Civil Engineering (FT & PT)
2. B.E. Agriculture Engineering

AGENDA FROM FACULTY OF MECHANICAL ENGINEERING**I. ITEMS PERTAINING TO UNIVERSITY DEPARTMENTS**

FM22.01 TO CONSIDER AND RATIFY THE CURRICULA AND SYLLABI FOR THE UG (PART-TIME) PROGRAMME OFFERED IN UNIVERSITY DEPARTMENTS UNDER R-2017 WITH EFFECT FROM THE ACADEMIC YEAR 2017 – 2018 ONWARDS.

RESOLVED TO RATIFY the Curricula and Syllabi for the UG (Part-Time) programme offered in University Departments under R-2017 with effect from the Academic year 2017 – 2018 onwards.

1. B.E. Mechanical Engineering (Part Time)
2. B.E. Automobile Engineering (Part Time)

FM22.02 TO CONSIDER AND RATIFY THE FOLLOWING REVISED CURRICULUM OF UG PROGRAMME UNDER R-2015 (CBCS) OFFERED IN UNIVERSITY DEPARTMENTS.

RESOLVED TO RATIFY the following revised Curriculum of UG programme under R-2015 (CBCS) offered in University Departments.

1. B.E. Manufacturing Engineering (Revised)
2. B.E. Mechanical Engineering (Revised)
3. B.E. Automobile Engineering (Revised)
4. B.E. Materials Science and Engg. (Revised)

FM22.03 TO CONSIDER AND RATIFY THE PRESCRIBED THEORY COURSE “RA7201 AIR CONDITIONING SYSTEMS” SYLLABUS FOR M.E. THERMAL ENGINEERING (FT) UNDER R-2015 (CBCS) UNIVERISTY DEPARTMENT THAT ARE REVISED.

RESOLVED TO RATIFY the prescribed theory course “RA7201 Air Conditioning Systems” syllabus for M.E. Thermal Engineering (FT) under R-2015 (CBCS) University Department that are revised.

Revised Syllabus

FM22.04 TO CONSIDER AND RATIFY THE FOLLOWING REVISED CURRICULUM OF M.E. QUALITY ENGINEERING AND MANAGEMENT (FT/PT) UNDER R-2015 (CBCS) OFFERED IN UNIVERSITY DEPARTMENTS.

RESOLVED TO RATIFY the following revised curriculum of M.E. Quality Engineering and Management (FT/PT) under R-2015 (CBCS) offered in University Departments.

M.E. Quality Engineering and Management (Revised)

II. ITEMS PERTAINING TO AFFILIATED INSTITUTIONS

FM22.05 TO CONSIDER AND APPROVE THE CURRICULUM I TO VIII SEMESTERS AND SYLLABUS OF I & II SEMESTERS FOR THE UG (FT) (CBCS) DEGREE PROGRAMMES TO BE OFFERED IN AFFILIATED INSTITUTIONS UNDER R-2017 WITH EFFECT FROM THE ACADEMIC YEAR 2017 – 2018 ONWARDS.

RESOLVED TO APPROVE the Curriculum I to VIII semesters and Syllabus of I & II semesters for the UG (FT) (CBCS) degree programmes to be offered in Affiliated Institutions under R-2017 with effect from the Academic year 2017 – 2018 onwards.

1. **B. E. Aeronautical Engineering**
2. **B. E. Automobile Engineering**
3. **B. E. Marine Engineering**
4. **B. E. Mechanical Engineering**
5. **B. E. Production Engineering**
6. **B. E. Materials Science and Engineering**
7. **B. E. Manufacturing Engineering**
8. **B. E. Industrial Engineering and Management**
9. **B. E. Mechatronics Engineering**
10. **B. E. Mechanical and Automation Engineering**
11. **B. E. Industrial Engineering**
12. **B. E. Mechanical Engineering (Sandwich)**
13. **B. E. Robotics and Automation Engineering**

- The Members suggested that the Open Elective be offered from V semester.

RESOLVED that this issue may be decided in the next Board of Studies.

- The Members suggested that Tutorials may be added for the course “Probability and Queuing Theory” and hence credits may be changed as 4 0 0 4 to 3 2 0 4 in the Curricula of B. E. Mechanical Engineering (Sandwich)

RESOLVED to carry out suggested modifications.

FM22.06 TO CONSIDER AND APPROVE THE NEW CURRICULA AND SYLLABI FOR THE PG (FT) (CBCS) DEGREE PROGRAMMES TO BE OFFERED IN AFFILIATED INSTITUTIONS UNDER R-2017 WITH EFFECT FROM THE ACADEMIC YEAR 2017 – 2018 ONWARDS.

RESOLVED TO APPROVE the new Curricula and Syllabi for the PG (FT) (CBCS) degree programmes to be offered in Affiliated Institutions under R-2017 with effect from the Academic year 2017 – 2018 onwards.

1. M.E. Computer Aided Design
2. M.E. Engineering Design
3. M.E. CAD/CAM
4. M.E. Product Design and Development
5. M.E. Computer Integrated Manufacturing
6. M.E. Manufacturing Engineering
7. M.E. Mechatronics Engineering
8. M.E. Automobile Engineering
9. M.E. Thermal Engineering
10. M.E. Internal Combustion Engineering
11. M.E. Energy Engineering
12. M.E. Industrial Engineering
13. M.E. Industrial Safety Engineering
14. M.E. Aeronautical Engineering
15. M.E. Aerospace Technology

- The Members suggested that Tutorials may be added for the course “Advanced Numerical Methods” and hence L T P C need change from 4 0 0 4 to 3 2 0 4 in the Curricula of M.E. Thermal Engineering, M.E. Automobile Engineering, M.E. Internal Combustion Engineering and M.E. Energy Engineering.
- Members suggested that the title of the course “Advanced Engineering Fluid Mechanics” to be renamed as “Advanced Fluid Mechanics” in the programme M.E. Thermal Engineering.

RESOLVED to carry out above suggested modifications.

FM 22.07 TO CONSIDER AND APPROVE THE COMMON SYLLABI FOR MECHANICAL RELATED SUBJECTS OF B.E. / B.TECH. DEGREE PROGRAMMES UNDER R – 2017, OFFERED BY THE AFFILIATED INSTITUTIONS UNDER THE FACULTY OF MECHANICAL ENGINEERING, ANNA UNIVERSITY, CHENNAI WITH EFFECT FROM THE ACADEMIC YEAR 2017 – 2018.

RESOLVED TO APPROVE the common Syllabi for Mechanical related Subjects of B.E. / B.Tech. degree programmes under R – 2017, offered by the Affiliated Institutions under the Faculty of Mechanical Engineering, Anna University, Chennai with effect from the Academic year 2017 – 2018.

**Common Syllabus for Mechanical Related Subjects of
B.E. / B.Tech. Degree Programmes under R - 2017**

FM22.08 TO CONSIDER AND RATIFY THE PERMISSION GRANTED FOR THE SPECIAL ELECTIVE COURSES FOR Ph.D. / M.S. (BY RESEARCH) PROGRAMMES OFFERED IN THE AFFILIATED INSTITUTIONS UNDER THE FACULTY OF MECHANICAL ENGINEERING, ANNA UNIVERSITY, CHENNAI.

RESOLVED TO RATIFY the permission granted for the Special Elective courses for Ph.D. / M.S. (By Research) programmes offered in the Affiliated Institutions under the faculty of mechanical engineering, Anna University, Chennai.

- 1. SME004 Mechanics as Applied to Thin Rods Under Contact Friction Force
2. SME005 Automotive Fuels and Emission

AGENDA FROM FACULTY OF ELECTRICAL ENGINEERING

I. ITEMS PERTAINING TO UNIVERSITY DEPARTMENTS

FE22.01 TO CONSIDER AND RATIFY THE CURRICULA AND SYLLABI FOR THE UG (PART-TIME) PROGRAMME OFFERED IN UNIVERSITY DEPARTMENTS UNDER R-2017 WITH EFFECT FROM THE ACADEMIC YEAR 2017 – 2018 ONWARDS.

RESOLVED TO RATIFY the Curricula and Syllabi for the UG (Part-Time) programme offered in University Departments under R-2017 with effect from the Academic year 2017 – 2018 onwards.

1. B.E. Electrical and Electronics Engineering (Part Time)
2. B.E. Electronics and Instrumentation Engg. (Part Time)

FE22.02 TO CONSIDER AND RATIFY THE REVISED SYLLABUS OF THE PRESCRIBED THEORY COURSE “EE7303 NETWORK ANALYSIS AND SYNTHESIS” FOR B.E. ELECTRICAL AND ELECTRONICS ENGINEERING(FT) UNDER R-2015 (CBCS) UNIVERISTY DEPARTMENT.

RESOLVED TO RATIFY the revised syllabus of the prescribed Theory course “EE7303 Network Analysis and Synthesis” for B.E. Electrical and Electronics Engineering (FT) under R-2015 (CBCS) University Department.

Revised Syllabus

FE22.03 TO CONSIDER AND RATIFY THE ADDITION OF THE FOLLOWING ADDITIONAL ELECTIVE COURSE IS INCLUDED IN THE ELECTIVE LIST OF THE CURRICULUM FOR M.E. POWER SYSTEMS ENGINEERING DEGREE PROGRAMME (FT/PT) UNDER R–2015 (CBCS) OFFERED BY THE UNIVERSITY DEPARTMENTS.

RESOLVED TO RATIFY the addition of the following Additional Elective course is included in the elective list of the Curriculum for M.E. Power Systems Engineering degree Programme (FT/PT) under R-2015 (CBCS) offered by the University Departments.

PW7201 Grid Integration of Renewable Energy Sources

FE22.04 TO CONSIDER AND RATIFY THE PERMISSION GRANTED FOR THE SPECIAL ELECTIVE COURSES FOR PH.D. / M.S. (BY RESEARCH) PROGRAMMES OFFERED IN THE UNIVERSITY DEPARTMENTS UNDER THE FACULTY OF ELECTRICAL ENGINEERING, ANNA UNIVERSITY, CHENNAI.

RESOLVED TO RATIFY the permission granted for the Special Elective courses for Ph.D. / M.S. (By Research) programmes offered in the University Departments under the Faculty of Electrical Engineering, Anna University, Chennai.

1. **FE 9053 Synchronous Reluctance Motor and Drives**
2. **FE 9054 Congestion Management With Renewable Energy Resources**

II. ITEMS PERTAINING TO AFFILIATED INSTITUTIONS

FE22.05 TO CONSIDER AND APPROVE THE CURRICULUM I TO VIII SEMESTERS AND SYLLABUS OF I & II SEMESTERS FOR THE UG (FT) (CBCS) DEGREE PROGRAMMES TO BE OFFERED IN AFFILIATED INSTITUTIONS UNDER R-2017 WITH EFFECT FROM THE ACADEMIC YEAR 2017 – 2018 ONWARDS.

RESOLVED TO APPROVE the curriculum I to VIII semesters and syllabus of I & II semesters for the UG (FT) (CBCS) degree programmes to be offered in Affiliated Institutions under R-2017 with effect from the Academic year 2017 – 2018 onwards.

1. **B.E. Electrical and Electronics Engineering**
2. **B.E. Electronics and Instrumentation Engineering**
3. **B.E. Instrumentation and Control Engineering**

FE22.06 TO CONSIDER AND APPROVE THE NEW CURRICULA AND SYLLABI FOR THE PG (FT) (CBCS) DEGREE PROGRAMMES TO BE OFFERED IN AFFILIATED INSTITUTIONS UNDER R-2017 WITH EFFECT FROM THE ACADEMIC YEAR 2017 – 2018 ONWARDS.

RESOLVED TO APPROVE the new Curricula and Syllabi for the PG (FT) (CBCS) degree programmes to be offered in Affiliated Institutions under R-2017 with effect from the Academic year 2017 – 2018 onwards.

- 1. M.E. Power Systems Engineering**
- 2. M.E. Power Electronics and Drives**
- 3. M.E. Embedded System Technologies**
- 4. M.E. Control and Instrumentation Engineering**
- 5. M.E. Instrumentation Engineering**
- 6. M.E. Electrical Drives and Embedded Control**

FE22.07 TO CONSIDER AND APPROVE THE COMMON SYLLABI FOR ELECTRICAL RELATED SUBJECTS OF B.E. / B.TECH. DEGREE PROGRAMMES UNDER R – 2017, OFFERED BY THE AFFILIATED INSTITUTIONS UNDER THE FACULTY OF ELECTRICAL ENGINEERING, ANNA UNIVERSITY, CHENNAI WITH EFFECT FROM THE ACADEMIC YEAR 2017 – 2018.

RESOLVED TO APPROVE the common syllabi for Electrical related subjects of B.E. / B.Tech. degree programmes under R – 2017, offered by the Affiliated Institutions under the Faculty of Electrical Engineering, Anna University, Chennai with effect from the Academic year 2017 – 2018.

**Common Syllabus for Electrical Related Subjects of
B.E. / B.Tech. Degree Programmes under R - 2017**

FE22.08 TO CONSIDER AND RATIFY THE ADDITION OF THE FOLLOWING ELECTIVE SUBJECTS FOR B.E. ELECTRICAL AND ELECTRONICS ENGINEERING DEGREE PROGRAMME (FULL-TIME) R-2013 OFFERED BY THE AFFILIATED INSTITUTIONS UNDER THE FACULTY OF ELECTRICAL ENGINEERING, ANNA UNIVERSITY, CHENNAI.

RESOLVED TO RATIFY the addition of the following Elective subjects for B.E. Electrical and Electronics Engineering degree programme (Full-Time) R-2013 offered by the Affiliated Institutions under the Faculty of Electrical Engineering, Anna University, Chennai.

1. MA6468 Probability and Statistics
2. EI6001 Data Structures and Algorithms

AGENDA FROM FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING**I. ITEMS PERTAINING TO UNIVERSITY DEPARTMENTS**

- FI22.01 TO CONSIDER AND RATIFY THE CURRICULA AND SYLLABI FOR THE UG (PART-TIME) PROGRAMME OFFERED IN UNIVERSITY DEPARTMENTS UNDER R-2017 WITH EFFECT FROM THE ACADEMIC YEAR 2017 – 2018 ONWARDS.**

RESOLVED TO RATIFY the Curricula and Syllabi for the UG (Part-Time) programme offered in University Departments under R-2017 with effect from the Academic year 2017 – 2018 onwards.

B.E. Electronics and Communication Engg. (Part Time)

- FI22.02 TO CONSIDER AND RATIFY THE FOLLOWING REVISED CURRICULUM OF M.E. COMPUTER SCIENCE AND ENGINEERING UNDER R-2015 (CBCS) OFFERED IN UNIVERSITY DEPARTMENTS.**

RESOLVED TO RATIFY the following revised curriculum of M.E. Computer Science and Engineering under R-2015 (CBCS) offered in University Departments.

M.E. Computer Science and Engineering (Revised)

- FI22.03 TO CONSIDER AND RATIFY THE PRESCRIBED THEORY COURSE “EC7352 DATA STRUCTURES AND OBJECT ORIENTED PROGRAMMING IN C++” SYLLABUS FOR B.E. ELECTRONICS AND COMMUNICATION ENGINEERING (FT) UNDER R-2015 (CBCS), IS LISTED AS AN ‘EEC’ INSTEAD, IT CAN BE LISTED AS AN ‘ES’ UNIVERISTY DEPARTMENT THAT ARE REVISED.**

RESOLVED TO RATIFY the prescribed Theory course “EC7352 Data Structures and Object Oriented Programming in C++” syllabus for B.E. Electronics and Communication Engineering (FT) under R-2015 (CBCS), is listed as an ‘EEC’ instead, it can be listed as an ‘ES’ University Department that are revised.

B.E. Electronics and Communication Engineering (FT) (Revised)

FI22.04 TO CONSIDER AND RATIFY THE PERMISSION GRANTED FOR THE SPECIAL ELECTIVE COURSES FOR Ph.D. / M.S. (BY RESEARCH) PROGRAMMES OFFERED IN THE UNIVERSITY DEPARTMENTS UNDER THE FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING, ANNA UNIVERSITY, CHENNAI.

RESOLVED TO RATIFY the permission granted for the Special Elective courses for Ph.D. / M.S. (By Research) programmes offered in the University Departments under the Faculty of Information and Communication Engineering, Anna University, Chennai.

- 1. FI9101 UAV Aided Military Communications**
- 2. FI9102 Deep Learning Techniques**
- 3. FI9103 Cognitive Computation for Health Care**

II. ITEMS PERTAINING TO AFFILIATED INSTITUTIONS

FI22.05 TO CONSIDER AND APPROVE THE CURRICULUM I TO VIII SEMESTERS AND SYLLABUS OF I & II SEMESTERS FOR THE UG (FT) (CBCS) DEGREE PROGRAMMES TO BE OFFERED IN AFFILIATED INSTITUTIONS UNDER R-2017 WITH EFFECT FROM THE ACADEMIC YEAR 2017 – 2018 ONWARDS.

RESOLVED TO APPROVE the curriculum I to VIII semesters and syllabus of I & II semesters for the UG (FT) (CBCS) degree programmes to be offered in Affiliated Institutions under R-2017 with effect from the Academic year 2017 – 2018 onwards.

1. B.E. Computer Science and Engineering
2. B.Tech. Information Technology
3. B.E. Electronics and Communication Engineering
4. B.E. Biomedical Engineering
5. B.E. Medical Electronics
6. B.E. Computer and Communication

- The Members suggested that Tutorials may be added for the course “Probability and Queuing Theory” and hence credits may be changed from 4 0 0 4 to 3 2 0 4 in the Curricula of B.E. Computer Science and Engineering.
- The Members suggested that The Course “Free Open Source” may be included as an elective in the Curriculum of B.Tech. Information Technology.
- The Members suggested that the title of the course Circuit Theory in the Curriculum of B.E. ECE may be changed to Circuit Analysis and title of the course Biochemistry in the Curriculum of B.E. Bio Medical Engineering may be changed to Fundamentals of Biochemistry.

RESOLVED to carry out the above suggestions.

FI22.06 TO CONSIDER AND APPROVE THE NEW CURRICULA AND SYLLABI FOR THE PG (FT) (CBCS) DEGREE PROGRAMMES TO BE OFFERED IN AFFILIATED INSTITUTIONS UNDER R-2017 WITH EFFECT FROM THE ACADEMIC YEAR 2017 – 2018 ONWARDS.

RESOLVED TO APPROVE the new Curricula and Syllabi for the PG (FT) (CBCS) degree programmes to be offered in Affiliated Institutions under R-2017 with effect from the Academic year 2017 – 2018 onwards.

1. M.E. Computer Science and Engineering
2. M.E. Software Engineering
3. M.Tech. Information Technology

4. M. E. Multimedia Technology
5. M.E. Computer Science and Engineering (Specialization in Networks)
6. M.E. Mobile and Pervasive Computing
7. Master of Computer Applications (M.C.A.)
8. M. E. Applied Electronics
9. M. E. Communication Systems
10. M. E. Bio-Medical Engineering
11. M.E. Medical Electronics
12. M.E. VLSI Design
13. M.E. Communication and Networking
14. M.E. Electronics and Communication Engineering
15. M.E. Digital Signal Processing
16. M.E. Biometrics and Cyber Security

- The Members suggested that topics on IOT may be included in the course Embedded System in the Curriculum of MCA.

RESOLVED to carry out the suggestions.

FI22.07 TO CONSIDER AND APPROVE THE COMMON SYLLABI FOR COMPUTER SCIENCE AND ENGINEERING RELATED SUBJECTS OF B.E. / B.TECH. DEGREE PROGRAMMES UNDER R – 2017, OFFERED BY THE AFFILIATED INSTITUTIONS UNDER THE FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING, ANNA UNIVERSITY, CHENNAI WITH EFFECT FROM THE ACADEMIC YEAR 2017 – 2018.

RESOLVED TO APPROVE the common syllabi for Computer Science and Engineering related subjects of B.E. / B.Tech. degree programmes under R – 2017, offered by the Affiliated Institutions under the faculty of Information and Communication Engineering, Anna University, Chennai with effect from the Academic year 2017 – 2018.

**Common Syllabus for Computer Science Related Subjects of
B.E. / B.Tech. Degree Programmes under R - 2017**

FI22.08 TO CONSIDER AND RATIFY THE PERMISSION GRANTED FOR THE SPECIAL ELECTIVE COURSES FOR Ph.D. / M.S. (BY RESEARCH) PROGRAMMES OFFERED IN AFFILIATED INSTITUTIONS UNDER THE FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING, ANNA UNIVERSITY, CHENNAI.

RESOLVED TO RATIFY the permission granted for the Special Elective courses for Ph.D. / M.S. (By Research) programmes offered in Affiliated Institutions under the Faculty of Information and Communication Engineering, Anna University, Chennai.

SIC004 Cloud Security

AGENDA FROM FACULTY OF TECHNOLOGY**I. ITEMS PERTAINING TO UNIVERSITY DEPARTMENTS**

FT22.01 TO CONSIDER AND APPROVE THE FOLLOWING ADDITIONAL LAB COURSE "CT7713 ADVANCED CERAMIC PROCESSING LAB" WHICH IS PROPOSED TO BE INCLUDED IN VII SEMESTER OF THE CURRICULUM FOR B. TECH. CERAMIC TECHNOLOGY DEGREE PROGRAMME (FT) UNDER R-2015 (CBCS) OFFERED BY THE UNIVERSITY DEPARTMENTS.

RESOLVED TO APPROVE the following Additional Lab course "CT7713 Advanced Ceramic Processing Lab" which is proposed to be included in VII semester of the Curriculum for B. Tech. Ceramic Technology degree programme (FT) under R-2015 (CBCS) offered by the University Departments.

B. TECH. Ceramic Technology (Revised)

II. ITEMS PERTAINING TO AFFILIATED INSTITUTIONS

FT22.02 TO CONSIDER AND APPROVE THE NEW CURRICULA FOR ALL THE SEMESTERS AND SYLLABI OF I & II SEMESTERS FOR THE FOLLOWING UG (FT) DEGREE PROGRAMMES UNDER CBCS TO BE OFFERED IN AFFILIATED INSTITUTIONS UNDER R-2017 WITH EFFECT FROM THE ACADEMIC YEAR 2017 – 2018 ONWARDS.

RESOLVED TO APPROVE the new Curricula for all the semesters and Syllabi of I & II semesters for the following UG (FT) degree programmes under CBCS to be offered in Affiliated Institutions under R-2017 with effect from the Academic year 2017 – 2018 onwards.

- 1. B.Tech.Chemical Engineering**
- 2. B.Tech. Biotechnology**
- 3. B.Tech. Polymer Technology**
- 4. B.Tech. Plastics Technology**

5. B.Tech.Textile Technology
6. B.Tech. Fashion Technology
7. B.Tech.Petroleum Engineering
8. B.Tech.Textile Chemistry
9. B.Tech.Chemical & Electrochemical Engineering
10. B.Tech.Petrochemical Technology
11. B.Tech. Pharmaceutical Technology
12. B.E. Petrochemical Engineering
13. B.Tech. Food Technology
14. B.Tech. Handloom and Textile Technology

➤ The members suggested that in the Curriculum of B.Tech. Chemical Engineering the course “Chemical Engineering Thermodynamics I” may be offered before the course “Heat Transfer” is offered.

RESOLVED to carry out the suggestions.

FT22.03 TO CONSIDER AND APPROVE THE NEW CURRICULA AND SYLLABI UNDER CBCS FOR THE FOLLOWING PG(FT) DEGREE PROGRAMMES TO BE OFFERED IN AFFILIATED INSTITUTIONS UNDER R-2017 (CBCS) WITH EFFECT FROM THE ACADEMIC YEAR 2017 – 2018 ONWARDS.

RESOLVED TO APPROVE the new Curricula and Syllabi under CBCS for the following PG(FT) degree programmes to be offered in Affiliated Institutions under R-2017 (CBCS) with effect from the Academic year 2017 – 2018 onwards.

1. M.Tech. Chemical Engineering
2. M.Tech. Biotechnology
3. M.Tech. Textile Technology
4. M.Tech. Plastics Technology
5. M.Tech. Textile Technology (with specialization in Textile Chemistry)
6. M.Tech. Nano Science and Technology

7. M.Tech. Polymer Science and Engineering
8. M.Tech. Petroleum Refining and Petrochemicals
9. M.Tech. Biopharmaceutical Technology
10. M.Tech. Environmental Science and Technology

- The Members suggested that Tutorials may be added for the course "Advanced Numerical Methods" and hence L T P C need change from 4 0 0 4 to 3 2 0 4 in the Curricula of M. Tech. Chemical Engineering, M. Tech. Petroleum Refining and Petrochemicals and M. Tech. and Environmental Science and Technology.

RESOLVED to carry out the suggestions.

FT22.04 TO CONSIDER AND APPROVE THE SYLLABI OF V TO VIII SEMESTERS FOR THE FOLLOWING UG (FT) DEGREE PROGRAMMES TO BE OFFERED IN AFFILIATED INSTITUTIONS UNDER R-2013 WITH EFFECT FROM THE ACADEMIC YEAR 2017 – 2018 ONWARDS.

RESOLVED TO APPROVE the Syllabi of V to VIII semesters for the following UG (FT) degree programmes being offered in Affiliated Institutions under R-2013 with effect from the Academic year 2017 – 2018 onwards.

B. Tech. Handloom and Textile Technology

FT22.05 TO CONSIDER AND RATIFY THE PERMISSION GRANTED FOR THE REVISED SYLLABUS FOR THE COURSE "GE6351 - ENVIRONMENTAL SCIENCE AND ENGINEERING" OF B.TECH FOOD TECHNOLOGY DEGREE PROGRAMME OFFERED IN AFFILIATED INSTITUTIONS UNDER R-2013 WITH EFFECT FROM THE ACADEMIC YEAR 2016 – 2017 ONWARDS.

RESOLVED TO RATIFY the permission granted for the following revised syllabus for the course "GE6351 - Environmental Science and Engineering" of B.Tech Food Technology degree programme offered in Affiliated Institutions under R-2013 with effect from the Academic year 2016 – 2017 onwards.

GE6351 - Environmental Science and Engineering

AGENDA FROM FACULTY OF ARCHITECTURE AND PLANNING

I. ITEMS PERTAINING TO AFFILIATED INSTITUTIONS

FA22.01 TO CONSIDER AND APPROVE THE CURRICULUM FOR ALL THE SEMESTERS AND SYLLABI OF I & II SEMESTERS FOR THE B. ARCH. (FT) DEGREE PROGRAMMES (CBCS) TO BE OFFERED IN AFFILIATED INSTITUTIONS UNDER R-2017 WITH EFFECT FROM THE ACADEMIC YEAR 2017 – 2018 ONWARDS.

RESOLVED TO APPROVE the Curriculum for all the semesters and Syllabi of I & II semesters for the B. Arch. (FT) degree programmes (CBCS) to be offered in Affiliated Institutions under R-2017 with effect from the Academic year 2017 – 2018 onwards.

B. Arch

FA22.02 TO CONSIDER AND APPROVE THE NEW CURRICULA AND SYLLABI UNDER CBCS FOR THE M. ARCH. (FT) DEGREE PROGRAMMES TO BE OFFERED IN AFFILIATED INSTITUTIONS UNDER R-2017 WITH EFFECT FROM THE ACADEMIC YEAR 2017 – 2018 ONWARDS.

RESOLVED TO APPROVE the new Curricula and Syllabi under CBCS for the M. Arch. (FT) degree programmes to be offered in Affiliated Institutions under R-2017 with effect from the Academic year 2017 – 2018 onwards.

1. **M. Arch. (General)**
2. **M. Arch. (Environmental Architecture)**
3. **M. Arch. (Real Estate Development)**
4. **M. Arch. (Conservation)**

AGENDA FROM FACULTY OF SCIENCE AND HUMANITIES**I. ITEMS PERTAINING TO UNIVERSITY DEPARTMENTS**

FS22.01 TO CONSIDER AND RATIFY THE PRESCRIBED LAB COURSE “XC7161 COMPUTING LABORATORY” SYLLABUS FOR M.Sc. (5 YEARS INTEGRATED) COMPUTER SCIENCE AND INFORMATION TECHNOLOGY UNDER R-2015 (CBCS) UNIVERISTY DEPARTMENT THAT ARE REVISED.

RESOLVED TO RATIFY the prescribed Lab course “XC7161 Computing Laboratory” syllabus for M.Sc. (5 years Integrated) Computer Science and Information Technology under R-2015 (CBCS) University Department that are revised.

Revised Syllabus

FS22.02 TO CONSIDER AND RATIFY THE PERMISSION GRANTED FOR THE SPECIAL ELECTIVE COURSES FOR Ph.D. / M.S. (BY RESEARCH) PROGRAMMES OFFERED IN THE UNIVERSITY DEPARTMENTS UNDER THE FACULTY OF SCIENCE AND HUMANITIES, ANNA UNIVERSITY, CHENNAI.

RESOLVED TO RATIFY the permission granted for the Special Elective courses for Ph.D. / M.S. (By Research) programmes offered in the University Departments under the Faculty of Science and Humanities, Anna University, Chennai.

- 1. FS 9013 Mass Communication Strategies for Green Buildings**
- 2. FS 9014 Advanced Chemistry and Technology of Vegetable and Organic Tannages**

II. ITEMS PERTAINING TO AFFILIATED INSTITUTIONS

FS22.03 TO CONSIDER AND APPROVE THE SYLLABI FOR THE FOLLOWING COURSES OF THE UG & PG (FULL-TIME) DEGREE PROGRAMMES (CBCS) TO BE OFFERED IN THE AFFILIATED INSTITUTIONS UNDER REGULATIONS 2017.

RESOLVED TO APPROVE the Syllabi for the following courses of the UG & PG (Full-Time) degree programmes (CBCS) to be offered in the Affiliated Institutions under Regulations 2017.

1. English
2. Mathematics - UG & PG
3. Physics
4. Chemistry

AGENDA FROM FACULTY OF MANAGEMENT SCIENCES

I. ITEMS PERTAINING TO UNIVERSITY DEPARTMENTS

FN22.01 TO CONSIDER AND RATIFY THE FOLLOWING REVISED CURRICULUM OF MBA (PART TIME) UNDER R-2015 (CBCS) OFFERED IN UNIVERSITY DEPARTMENTS.

RESOLVED TO RATIFY the following revised Curriculum of MBA (Part Time) under R-2015 (CBCS) offered in University Departments.

MBA (Part Time)

FN22.02 TO CONSIDER AND RATIFY THE PERMISSION GRANTED FOR THE SPECIAL ELECTIVE COURSES FOR PH.D. / M.S. (BY RESEARCH) PROGRAMMES OFFERED IN THE UNIVERSITY DEPARTMENTS UNDER THE FACULTY OF MANAGEMENT SCIENCES, ANNA UNIVERSITY, CHENNAI.

RESOLVED TO RATIFY the permission granted for the Special Elective courses for Ph.D. / M.S. (By Research) programmes offered in the University Departments under the Faculty of Management Sciences, Anna University, Chennai.

1. **FN 9010 Food Psychology**
2. **FN 9011 Financial Econometrics**
3. **FN 9012 Corporate Frauds & Risk Management**

II. ITEMS PERTAINING TO AFFILIATED INSTITUTIONS

FN22.03 TO CONSIDER AND APPROVE THE I TO X SEMESTERS CURRICULA AND I & IV SEMESTERS SYLLABI FOR MBA (INTEGRATED - 5 YEARS) DEGREE PROGRAMME TO BE OFFERED IN AFFILIATED INSTITUTIONS UNDER R-2015 WITH EFFECT FROM THE ACADEMIC YEAR 2016 – 2017 ONWARDS.

RESOLVED TO APPROVE the I to X semesters Curricula and I & IV semesters Syllabi for MBA (Integrated - 5 years) degree programme to be offered in Affiliated Institutions under R-2015 with effect from the Academic year 2016 – 2017 onwards.

MBA (INTEGRATED - 5 YEARS)

FN22.04 TO CONSIDER AND APPROVE THE NEW CURRICULA AND SYLLABI FOR THE MBA (FT) (CBCS) DEGREE PROGRAMME TO BE OFFERED IN AFFILIATED INSTITUTIONS UNDER R-2017 WITH EFFECT FROM THE ACADEMIC YEAR 2017 – 2018 ONWARDS.

RESOLVED TO APPROVE the new Curricula and Syllabi for the MBA (FT) (CBCS) degree programme to be offered in Affiliated Institutions under R-2017 with effect from the academic year 2017 – 2018 onwards.

MASTER OF BUSINESS ADMINISTRATION

AGENDA FROM RESEARCH BOARD**FR 22.01 TO INFORM THE DETAILS ABOUT THE Ph.D. AWARDEES IN THE 36TH CONVOCATION.**

RESOLVED to note a total number of **1385** Ph.D. and **40** M.S./M.Tech. (By Research) scholars have been awarded degrees under various Faculties during the 36th Convocation held on 20.01.2016 as detailed below.

FACULTY	Ph.D.	M.S.	M.Tech.
Civil Engineering	73	4	
Mechanical Engineering	207	6	
Electrical Engineering	169	1	
Information and Communication Engineering	470	9	8
Technology	85	11	
Architecture & Planning	3	-	
Science & Humanities	323	1	
Management Sciences	55	-	
Total	1385	32	8

FR 22.02 TO INFORM THE DETAILS OF RESEARCH SCHOLARS WHO HAVE BEEN PERMITTED FOR EXTENSION OF TIME TO SUBMIT THEIR Ph.D. THESIS

RESOLVED to note the list of Ph.D. scholars granted extension of time to submit the thesis after the previous Research Board meeting as given in the Annexure – I (A1 – 1 to 44)

FR 22.03 TO INFORM THE APPROVAL GIVEN FOR SUPERVISOR RECOGNITION

RESOLVED to note the list of applicants recommended by the respective Faculty Chairperson and approved by the Vice-Chancellor for Supervisor Recognition as given in **Annexure – II** (A2 – 1 to 63).

Further Resolved to place the approved list of Supervisor Recognized in the forthcoming Academic Council meeting.

FR 22.04 TO INFORM THE RECOMMENDATIONS OF THE INSPECTION COMMITTEES CONSTITUTED BY THE VICE-CHANCELLOR FOR RECOGNITION OF DEPARTMENT / ORGANIZATION

RESOLVED to note the list of Departments and R&D centres approved by the Vice-Chancellor for research centre recognition based on the recommendation of the Inspection Committee as given in **Annexure-III** (Page No. A3-1 to 2).

FURTHER RESOLVED to place the list of recognized research Departments and R&D centres in the forthcoming Academic Council meeting.

FR 22.05 TO CONSIDER AND APPROVE THE FULL-TIME Ph.D. CANDIDATES WHO HAVE BEEN SELECTED FOR THE AWARD OF ANNA CENTENARY RESEARCH FELLOWSHIP – 2016 FOR VARIOUS DEPARTMENTS AND CENTRES

RESOLVED to note the list of candidates recommended for the award of Anna Centenary Research Fellowship – 2016 as given in **Annexure – IV** (A4 – 1 to 2).

FR 22.06 TO CONSIDER AND APPROVE THE SELECTION OF CANDIDATES FOR ADMISSION TO Ph.D./M.S. (By RESEARCH) PROGRAMMES FOR JANUARY 2016 SESSION

RESOLVED to note that the written test for eligible candidates was conducted by the Centre for Entrance Examinations, Anna University on 20.12.2015 and the selection is based on the marks/grades secured in Qualifying Degree, Written Test, and Interview.

RESOLVED to note the list of absentees and rejected candidates given in **Annexure-V** (Page No. A5-1 to 4).

RESOLVED to fix the minimum cut off marks for the selection of Ph.D. and M.S.(By Research) candidates for January 2016 as 45%, after perusing the marks obtained by the candidates. Accordingly the Recommended, Not Recommended and Withheld (for want of final semester mark sheets or any other required documents) candidates are given in **Annexure-VI** (Page No. A6 -1 to 28). The recommended candidates shall be admitted to Ph.D./M.S. (By Research) programme after verification of the original certificates and payment of necessary fees either in January 2016 or July 2016 session whichever they opt to join. The final admission for the Withheld candidates for want of Final semester mark sheet and the Recommended candidates whose result is Withheld for want of Course Equivalence/leave sanction and relieving order will be based on furnishing the required documents.

RESOLVED to note the following application was not considered for admission to Ph.D. programme as their qualifying PG degree is not equivalent to the PG degree of the specialization offered at Anna University, Chennai, even though he had attended the written test and interview.

Sl. No.	Appn. No.	Name of the candidate	Degree & University	Mode of Study
1.	16192322	Saran Kumar S	Hindustan University	UG Distance Mode and PG in Full Time Mode
2.	16194529	Prasanna SP	Birla Institute of Technology and Science	PG in Distance Mode
3.	16198121	Murugesh K	IGNOU	UG and PG in Distance Mode

FR 22.07 TO CONSIDER THE PROPOSAL OF THE FOLLOWING AMENDMENTS IN THE Ph.D. REGULATIONS 2015.

REGULATIONS 2015 – AMENDMENTS

FR 22.08 TO CONSIDER AND APPROVE TO UPDATED LIST OF JOURNALS 2016 AND REMOVAL OF JOURNALS IN REVISED ANNEXURE I/II

RESOLVED to upload the list of journals suggested by Chairpersons in the Updated list of Journals 2016 included in **Annexure VII (A7 – 1 to 12)**. It is also resolved to remove the journals suggested by concerned chairpersons from Annexure I and Annexure II list of Journals as given in **Annexure VII (A7 – 13)**.

FR 22.09 TO INFORM THE DETAILS OF RESEARCH SCHOLARS WHO HAVE BEEN PERMITTED FOR EXTENSION OF TIME TO SUBMIT THEIR Ph.D. THESIS

RESOLVED to note the list of Ph.D. scholars granted extension of time to submit the thesis after the previous Research Board meeting as given in the Annexure – I (A1 – 1 to 44)

FR 22.10 TO INFORM THE APPROVAL GIVEN FOR SUPERVISOR RECOGNITION

RESOLVED to note the list of applicants recommended by the respective Faculty Chairperson and approved by the Vice-Chancellor for Supervisor Recognition as given in **Annexure – II** (A2 – 1 to A2 -94).

Further Resolved to place the approved list of Supervisor Recognized in the forthcoming Academic Council meeting.

FR 22.11 TO INFORM THE RECOMMENDATIONS OF THE INSPECTION COMMITTEES CONSTITUTED BY THE VICE-CHANCELLOR FOR RECOGNITION OF DEPARTMENT / ORGANIZATION AS AN APPROVED RESEARCH CENTRE OF ANNA UNIVERSITY

RESOLVED to note the list of Departments and R&D centres approved by the Vice-Chancellor for research centre recognition based on the recommendation of the Inspection Committee as given in **Annexure-III** (Page No. A3-1 to 3).

FR 22.12 TO CONSIDER AND APPROVE THE SELECTION OF CANDIDATES FOR ADMISSION TO Ph.D./M.S. (By RESEARCH) PROGRAMMES FOR JULY 2016 SESSION

RESOLVED to note that the written test for eligible candidates was conducted by the Centre for Entrance Examinations, Anna University on 24.04.2016 and the selection is based on the marks/grades secured in Qualifying Degree, Written Test, and Interview.

RESOLVED to note the list of absentees and rejected candidates given in **Annexure-V** (Page No. A4-1 to 4).

RESOLVED to fix the minimum cut off marks for the selection of Ph.D. and M.S.(By Research) candidates for July 2016 as 45%, after perusing the marks obtained by the candidates. Accordingly the Recommended, Not Recommended and Withheld (for want of final semester mark sheets or any other required documents) candidates are given in **Annexure-V** (Page No. A5 -1 to 124). The recommended candidates shall be admitted to Ph.D./M.S. (By Research) programme after verification of the original certificates and payment of necessary fees either in July 2016 or January 2017 session whichever they opt to join. The final admission for the Withheld candidates for want of Final semester mark sheet and the Recommended candidates whose result is Withheld for want of Course Equivalence/leave sanction and relieving order will be based on furnishing the required documents.

FR 22.13 TO CONSIDER AND APPROVE THE PENALTY FOR PLAGIARISM CONTENTS IN JOURNALS PUBLISHED FOR SUBMISSION OF SYNOPSIS / THESIS

RESOLVED to approve the penalty for plagiarism contents in journals published for submission of synopsis / thesis.

FR 22.14 TO CONSIDER REMOVAL OF CERTAIN JOURNALS AS RECOMMENDED BY THE FACULTY CHAIRPERSON FROM THE UPDATED LIST RELEASED BY CENTRE FOR RESEARCH DURING JANUARY 2016.

RESOLVED to approve to remove the journals as recommended by the faculty chairperson from the annexure.

FR 22.15 TO INFORM THE ADMISSION OF Ph.D. SCHOLARS UNDER QIP SCHEME OF AICTE IN JULY 2015 AND JULY 2016 SESSION

Resolved to note that the following candidates were admitted to Ph.D. Programme in July 2015 and July 2016 session on Full Time basis under QIP with the approval of the Vice-Chancellor and the Convener Committee as they have already completed their pre-registration programme during 2014 – 2015 and 2015 – 2016 and fulfilled all other requirements in Annexure:

ANNEXURE RB I

FR 22.16 TO INFORM THE DETAILS OF RESEARCH SCHOLARS WHO HAVE BEEN PERMITTED FOR EXTENSION OF TIME TO SUBMIT THEIR Ph.D. THESIS

RESOLVED to note the extension of time granted to 1016 research scholars based on the recommendation of the Doctoral Committee and approval by the Director (Research) after the previous Research Board meeting.

FR 22.17 TO INFORM THE APPROVAL GIVEN FOR SUPERVISOR RECOGNITION

RESOLVED to note the list of applicants recommended by the respective Faculty Chairperson and approved by the Dean (CEG) – Member-Convener Committee for Supervisor Recognition.

Further Resolved to place the approved list of Supervisor Recognized in the forthcoming Academic Council meeting.

FR 22.18 TO INFORM THE RECOMMENDATIONS OF THE INSPECTION COMMITTEES CONSTITUTED BY THE VICE-CHANCELLOR FOR RECOGNITION OF DEPARTMENT / ORGANIZATION AS AN APPROVED RESEARCH CENTRE OF ANNA UNIVERSITY

RESOLVED to note the list of Departments and R&D centres approved for research centre recognition based on the recommendation of the Inspection Committee and approved by the member of the convener committee.

FR 22.19 TO CONSIDER AND APPROVE THE FULL-TIME Ph.D. CANDIDATES WHO HAVE BEEN SELECTED FOR THE AWARD OF ANNA CENTENARY RESEARCH FELLOWSHIP – 2017 FOR VARIOUS DEPARTMENTS AND CENTRES.

RESOLVED to note the list of candidates recommended for the award of Anna Centenary Research Fellowships – 2017.

FR 22.20 TO RATIFY THE AMENDMENTS TO THE Ph.D./M.S. (By RESEARCH) REGULATIONS.

RESOLVED to amend the following clause of Ph.D. Regulations 2015 in Annexure.

ANNEXURE RB II**FR 22.21 TO CONSIDER AND APPROVE THE SELECTION OF CANDIDATES FOR ADMISSION TO Ph.D./M.S. (By RESEARCH) PROGRAMMES FOR JANUARY 2017 SESSION**

RESOLVED to note that the written test for eligible candidates was conducted by the Centre for Entrance Examinations, Anna University on 23.10.2016 and the selection is based on the marks/grades secured in Qualifying Degree, Written Test, and Interview.

RESOLVED to fix the minimum cut off marks for the selection of Ph.D. and M.S.(By Research) candidates for January 2017 as 50%, after perusing the marks obtained by the candidates. The recommended candidates shall be admitted to Ph.D./M.S. (By Research) programme after verification of the original certificates and payment of necessary fees either in January 2017 or July 2017 session whichever they opt to join. The final admission for the withheld candidates for want of final semester mark sheet and the recommended candidates whose result is withheld for want of course equivalence/leave sanction and relieving order will be based on furnishing the required documents.

RESOLVED to note the list of candidates not eligible for admission to Ph.D. programme as their qualifying PG degree is not equivalent to the PG degree of the specialization offered at Anna University, Chennai.

FR 22.22 MATTERS FOR DISCUSSION**22.22.01 TO DISCUSS AND IMPLEMENT THE PH.D. REGULATIONS IN ACCORDANCE WITH UGC (MINIMUM STANDARDS AND PROCEDURE FOR AWARD OF M.PHIL/Ph.D. DEGREE) REGULATIONS 2016**

Resolved to implement the following clauses of the UGC Regulations 2016 from January 2017 in Annexure.

ANNEXURE RB III

22.22.02 TO ENHANCE THE QUALITY OF THESIS

Resolved to note that the Recognized Research Centre/Institutions shall be instructed to acquire suitable software for checking the Language and Grammar in order to enhance the quality of the synopsis/thesis/ publications.

22.22.03 TO CONSIDER THE INCLUSION OF TWO JUNIOR RESEARCH FELLOW (JRF) CANDIDATES AWARDED IN IGCAR, KALPAKKAM FOR ADMISSION TO PH.D. PROGRAMME FOR JANUARY 2017 SESSION

Resolved to implement UGC regulations 2016 for admission Ph.D./M.S.(By Research) programme Entrance Test for those students who qualify UGC-NET (including JRF)/UGC-CSIR NET (including JRF)/SLET/GATE/teacher fellowship holder from January 2017 session as per UGC regulation 2016 in Annexure.

ANNEXURE RB IV

Further Resolved to consider two candidates Ms.Shobhana and Ms.C.Bhuvaneswari who were qualified for Junior Research Fellow (JRF) at Indira Gandhi Centre for Atomic Research (IGCAR), Kalpakkam, Department of Atomic Energy, Government of India for admission to Ph.D. programme during January 2017 session.

FR 22.23 TO INFORM THE DETAILS OF RESEARCH SCHOLARS WHO HAVE BEEN PERMITTED FOR EXTENSION OF TIME TO SUBMIT THEIR Ph.D. THESIS

RESOLVED to note the list of Ph.D. scholars granted extension of time to submit the thesis after the previous Research Board meeting as given in agenda Annexure – I (A1 – 1 to A1- 76)

FURTHER RESOLVED that request of scholars for extension to submit synopsis beyond 6 years may be granted for one year only. If required further extension of 6 month shall be granted as a special case based on the recommendation of the supervisor forwarded by the Head of the Department through the Principal provided the scholars submit Synopsis / Thesis.

FR 22.24 TO INFORM THE APPROVAL GIVEN FOR SUPERVISOR RECOGNITION.

RESOLVED to note as given in agenda **Annexure – II** (A2 – 1 to A2 -85).

FR 22.25 TO INFORM THE RECOMMENDATIONS OF THE INSPECTION COMMITTEES CONSTITUTED BY THE CONVENER COMMITTEE FOR RECOGNITION OF DEPARTMENT / ORGANIZATION AS AN APPROVED RESEARCH CENTRE OF ANNA UNIVERSITY.

RESOLVED to note the list of Departments and R&D centres approved by the Convener Committee for research centre recognition based on the recommendation of the Inspection Committee as given in agenda **Annexure-III**(Page No.A3-1 to A3-3).

FR 22.26 TO CONSIDER AND APPROVE THE SELECTION OF CANDIDATES FOR ADMISSION TO Ph.D./M.S. (By RESEARCH) PROGRAMMES FOR JULY 2017 SESSION.

RESOLVED to note that the written test for eligible candidates was conducted by the Centre for Entrance Examinations, Anna University on 07.05.2017 and the selection is based on the marks/grades secured in Qualifying Degree, Written Test, and Interview.

RESOLVED to note the list of candidates exempted from the written test, who have qualified for UGC-NET (including JRF)/ UGC-CSIR NET (including JRF)/ SLET /GATE / Teacher Fellowship holder as per UGC regulation given in agenda **Annexure- IV** (Page No. A4-1 to A4-2).

RESOLVED to note the list of absentees given in agenda Annexure-V (Page No.A5-1 to A5-4).

RESOLVED to fix the cut off marks for the selection of Ph.D. and M.S.(By Research) candidates for July 2017 as 50%, after perusing the marks obtained by the candidates. The recommended candidates shall be admitted to Ph.D./M.S. (By Research) programme after verification of the original certificates and payment of necessary fees either in July 2017 or January 2018 session whichever they opt for. The final admission for the withheld candidates for want of Final Semester Mark Sheet and the recommended candidates whose result is withheld for want of Course Equivalence/Leave Sanction and Relieving Order (as applicable) will be based on furnishing the required documents.

FR 22.27 TO CONSIDER AND APPROVE 50% FEE CONCESSION TO THE REGULAR FACULTY MEMBERS WHO ARE WORKING IN GOVERNMENT POLYTECHNIC COLLEGES.

RESOLVED to approve the 50% fee concession to the regular faculty members who are working in Government Polytechnic Colleges doing Part Time research.

FR 22.28 TO CONSIDER AND APPROVE THE REMOVAL OF JOURNALS LISTED IN ANNEXURE -II AND SOME JOURNALS FROM THE UPDATED LIST.

RESOLVED to approve the removal of journals listed in Annexure -II

It is resolved to approve the removal list of journals given in the agenda Annexure - VII (Page.No.A7-1 to A7-2) except Sl.No.1 & 2 (All IEEE Transactions and All ACM Transactions).

It is also resolved that a common meeting of Faculty Chairpersons may be convened to finalize the journals, which are indexed in Web of Science, SCI, Scopus, Thomson Reuters and ICI.

FURTHER RESOLVED that in future only one list will be displayed.

FR 22.29 TO CONSIDER AND APPROVE THE RESEARCH CENTRE RECOGNITION FOR GOVERNMENT ORGANIZATIONS WITHOUT INSPECTION.

RESOLVED to follow the existing norms for sending expert members and the TA/DA may be met from the Centre for Research if the Government Organisation had the difficulty to meet the expenditure.

ANY OTHER ITEM:

RESOLVED to approve the request of change of faculty from Faculty of Civil Engineering to Faculty of Architecture and Planning for the three candidates, Ms.A.Madhumathi (Reg.No.1408101004), Mr.V.Balasubramanian, (Reg.No. 1408101006) and Ms.P.Shabitha (Reg.No.1408101009) who had registered for Ph.D. in the Faculty of Civil Engineering in erstwhile Anna University of Technology Tirunelveli, since there was no Faculty of Architecture and Planning at Anna University of Technology, Tirunelveli.

5. ANY OTHER ITEMS, IF ANY, WITH THE PERMISSION OF THE CHAIRMAN OF THE ACADEMIC COUNCIL.

Other points discussed by the Academic council.

- Members suggested that a suitable model be designed to identify the difficulty level of the questions based on Blooms Taxonomy. It was also suggested that each question may be tagged with the difficulty level in order to enable better evaluation strategies.

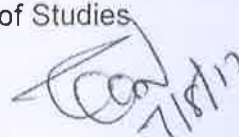
RESOLVED TO NOTE that steps will be taken to come up with the suitable model.

- Members suggested that a pedagogy based Value Added Course may be introduced.

RESOLVED to consider the issue and come up with suitable syllabus for the same.

- The members suggested that Entrepreneurship Development Programme may be added in the curriculum of all programmes.

RESOLVED to consider the suggestion and include the same in the curriculum after discussions in the next Board of Studies


REGISTRAR & SECRETARY
OF THE


Principal
J.K.K.Munirajah College of Technology
(Autonomous)
T.N.Palayam, Gobi (Tk),
Erode (Dt) - 638 506.



ANNA UNIVERSITY : : CHENNAI – 600 025

THE MINUTES OF THE 27TH MEETING OF THE ACADEMIC COUNCIL

MINUTES OF THE 27th MEETING OF THE ACADEMIC COUNCIL HELD ON 12.10.2021 AT 10.00 A.M. IN THE ACADEMIC COUNCIL HALL OF ANNA UNIVERSITY CHENNAI UNDER THE CHAIRMANSHIP OF Dr.R. VELRAJ, VICE-CHANCELLOR, ANNA UNIVERSITY CHENNAI – 25.

The following members were present:

- | | | |
|----|---------------------------|---|
| 1 | Dr. R.Velraj | Vice Chancellor & Chairman of Academic Council, Anna University, Chennai -25. |
| 2 | Dr. G. Ravikumar | The Registrar & Secretary of Academic Council, Anna University, Ch – 25. |
| 3 | Dr. R. Senthil | Chairperson i/c., Faculty of Civil Engineering, AU, Ch – 25. |
| 4 | Dr. G. Arumaikkannu | Chairperson, Faculty of Mechanical Engineering, AU, Ch – 25. |
| 5 | Dr. S. Usa | Chairperson, Faculty of Electrical Engineering, AU, Ch – 25. |
| 6 | Dr. Ranjani Parthasarathi | Chairperson, Faculty of I & C, AU, Chennai – 25. |
| 7 | Dr. S. Subramanian | Chairperson, Faculty of Technology, AU, Chennai – 25. |
| 8 | Dr. K. R. Sitalakshmi | Chairperson, Faculty of Architecture & Planning, AU, Ch – 25. |
| 9 | Dr. M. Chandrasekar | Chairperson, Faculty of Science & Humanities, AU, Ch – 25. |
| 10 | Dr. L. Suganthi | Chairperson, Faculty of Management Sciences, AU, Ch-25. |
| 11 | Dr. R.S. Bhuvaneshwaran | The Professor i/c, University Library, Anna University, Ch – 25. |
| 12 | Dr. M. Arularasan | The Principal i/c, Thanthai Periyar Government Institute of Technology, TPGIT, Bagayam, Vellore – 632 002. |
| 13 | Dr. Palaninatharaja | The Principal, Thiagarajar College of Engineering, Tiruparankundram, Madurai – 625 015. |
| 14 | Dr.V.Thirunavukkarasu | The Vice - Principal, Government College of Engineering, Bodinayakkanur, Theni – 625 513. |
| 15 | Dr. Rajeshwari | The Principal, Coimbatore Institute of Technology, Civil Aerodrome (Post), Avinashi Road, Coimbatore – 641 014. |
| 16 | Dr. B.V. Mudgal | Professor, Department of Civil Engineering, CWR, AU, Ch – 25. |
| 17 | Dr. G. Nagarajan | Professor and Head, Department of Mining Engineering, Anna University, Chennai – 25. |
| 18 | Dr. P. Vanaja Ranjan | Professor, Department of Electrical and Electronics Engineering, Anna University, Chennai – 25. |

27th ACADEMIC COUNCIL**MINUTES**

- 19 Dr. K. Malathi Professor, Department of Electronics and Communication Engineering, Anna University, Chennai – 25.
- 20 Dr. V. R. Giridev Professor and Head, Department of Textile Technology, Anna University, Chennai – 25.
- 21 Dr. D. Arivudainambi Professor, Department of Mathematics, AU, Chennai – 25.
- 22 Dr. Vaddi Seshagiri Rao The Principal, St. Joseph's College of Engineering, Old Mahabalipuram Road (OMR), Chennai – 600 119.
- 23 Dr.D. Vasudevan The Principal, PSNA College of Engineering and Technology, Kothandaraman Nagar, Dindigul – 624 622.
- 24 Dr. K. Palanikumar The Principal, Sri Sai Ram Institute of Technology, Sai Leo Nagar, West Tambaram, Chennai – 600 044.
- 25 Dr. A. Ramesh The Principal, Chennai Institute of Technology, Puduper Village, Nandambakkam Post, Kundrathur, Chennai – 600 069
- 26 Dr. R. John Oral Bhaskar The Principal, Kings Engineering College, Sriperumpudur Taluk, Kancheepuram.
- 27 Dr.D. Valavan The Principal, Saranathan College of Engineering, Panjappur, Tiruchirappalli District.
- 28 Dr. S. Durairaj The Principal, Dhanalakshmi Srinivasan Engineering College, Thuraiyur Road, Perambalur District – 621 212.
- 29 Dr. G. Wiselin Jiji The Principal, Dr. Sivanthi Athitanar College of Engineering, Tiruchendur – 628 215.
- 30 Dr.S.U. Prabha The Principal, Dr.NGP Institute of Technology, Kalapati Road, Coimbatore District – 641 035.
- 31 Dr. K. Bommanana Raja The Principal, Excel Engineering College, Pallakkapalayam, Sankarai West Post, Namakkal District
- 32 Dr. N. Suresh Kumar The Principal, Velammal College of Engineering and Technology, Madurai – Rameshwaram High Road, Viraganoor, Madurai District – 625 009.
- 33 Dr. T. Elango The Principal, Mahendra Institute of Technology, Mahendhirapuri, Vadugapalayam, Mallasamudram West
- 34 Dr. T. K. Kannan The Principal, Gnanamani College of Technology, Pachal Post, Namakkal District – 637 018.
- 35 Dr. V. Natarajan The Principal, Jeppiar Engineering College, Old Mahabalipuram Road (OMR), Chennai – 600 119.
- 36 Dr. T. Alwarsamy Former Principal, Government College of Engineering, Bargur, No.1, 93rd street, 21st Avenue, Ashok Nagar, Chennai – 83.
- 37 Dr. A. Mala Principal (Retired), Alagappa Chettiar Government College of Engineering and Technology, Karaikudi – 630 003.
- 38 Selvi. R. Baby General Manager, Tamil Nadu Small Industries, Development Corporation, Thiru. V. Ka. Industrial Estate, Guindy, Chennai 32.
- 39 Thiru. Karthick Athmanathan Sr. Vice President, BU Head-EV's and E-mobility Solutions Ashok Leyland Ltd. Chennai, Tamil Nadu – 600 004.
- 40 Thiru KK. Kamalakannan Managing Director, UTRACON Structural Systems, Adayar, Chennai.

27th ACADEMIC COUNCIL**MINUTES**

- 41 Thiru.T.Mohanraj General Manager (Marketing) / DRO TANCEM, 2nd Floor, LLA Buildings 735, Anna Salai, Chennai, Tamil Nadu - 600 002.
- 42 Thiru R.P.Arivudainambi General Manager, TNPL Corporate Office, Tamil Nadu Newsprint and Papers Ltd. 67, Mount Road, Guindy, Chennai - 600 032.
- 43 Thiru B.Pannerseivam Chief General Manager (Technical), Chennai Petroleum Corporation Limited, (CPCL), 536, Anna Salai, Teynampet, Chennai – 600 018.
- 44 Thiru S. Anburajan President, Tamil Nadu Small and Tiny Industries Association (TANSTIA)
M/S. Ark Biscuit Corporation, 49B, Town Hall Road, Madurai – 625 001.
- 45 Thiru. A. R. Senthil Kumar Honorary Secretary, Indian Finished Leather Manufacturers and Exporters Association, (M/s. Rathnam Leathers), CMDA Building, Tower II 3 rd Floor, South Wing, No.1, Gandhi Irwin Bridge Road
- 46 Thiru V. Kirubhashankar Director, Board of Apprenticeship Training (Southern Region) CIT Campus, Taramani, Chennai – 600 113.
- 47 Thiru. S. Suresh Babuji, IEDS Director in Charge, MSME Development Institute (MSME-DI) Ministry of MSME Govt. of India, MSME Bhawan 65/1, GST Road Guindy, Chennai – 600 032.
- 48 Dr. Ramesh Nodal Officer, The Tamilnadu Industrial Investment Corporation Limited (TIIC), 692, Anna Salai, Nandanam, Chennai – 600 035.
- 49 Dr. N. Ramesh Babu Professor, Department of Mechanical Engineering, Indian Institute of Technology Madras, Chennai – 600 036.

Special Invitees

- 50 The Dean CEG Campus, Anna University, Chennai - 25.
- 51 The Dean ACT Campus, Anna University, Chennai - 25.
- 52 The Dean MIT Campus, Anna University, Chennai - 44.
- 53 The Controller of Examinations Anna University, Chennai - 600 025.
- 54 The Additional Controller of Examinations (UDs) Anna University, Chennai - 600 025.
- 55 The Director Centre for Research, Anna University, Chennai – 25.
- 56 The Director Centre for Distance Education, Anna University, Ch – 25.
- 57 The Director Centre for Affiliation of Institutions, Anna University, Ch – 25.
- 58 The Director Centre for Academic Courses, Anna University, Ch – 25.
- 59 The Deputy Directors Centre for Academic Courses, Anna University, Ch – 25.

The meeting began with the Director Academic Courses inviting the Registrar and Secretary, Academic Council, Anna University, Chennai, to deliver the welcome address and calling the meeting to order. The Registrar welcomed the members of the Academic Council and briefly outlined the various agenda items to be presented at the meeting. After the welcome address, the Director requested the Vice-Chancellor and the Chairman of the Academic council to deliver the Special Address.

The Vice-Chancellor while addressing the Council also welcomed the members of Committee. He highlighted the salient points which are to be taken up in the Academic Council Meeting. The main focus for the revision of the Curriculum and Syllabus is to bridge the gap between the academics and industry such that students are given appropriate knowledge to take up challenging positions in industry, besides the knowledge given for higher studies and research. He also stressed to frame it in such a way that it would be providing knowledge of interdisciplinary nature. He sought the cooperation and valuable suggestions from the respective members to achieve the goals of the University.

Following the address by the Vice-Chancellor, the Director, Centre for Academic Courses moved the following agenda items on behalf of the Vice-Chancellor.

1. Items Moved by the Director, Academic Courses on behalf of the Vice-Chancellor

VC 27.01 TO NOTE THE APPROVAL GIVEN BY THE SYNDICATE TO THE MINUTES OF THE 26th MEETING OF THE ACADEMIC COUNCIL HELD ON 11.02.2021.

The Minutes of the 26th Meeting of the Academic Council Held on 11.02.2021 as approved by the Syndicate in its meeting held on 16.02.2021.

The approval of the Minutes of the 26th Academic Council meeting by the Syndicate is noted.

Annexure 27.01 - Minutes of 26th Academic Council

VC 27.02 TO CONSIDER AND APPROVE THE INCLUSION OF THE SYLLABUS OF THE FOLLOWING AUDIT COURSE FOR ALL THE PG PROGRAMMES OFFERED IN THE UNIVERSITY DEPARTMENTS UNDER REGULATIONS 2019 (CBCS).

RESOLVED TO APPROVE the inclusion of the syllabus of the following Audit Course for all the PG Programmes offered in the University Departments under Regulations 2019 (CBCS).

Annexure 27.02 - நற்றமிழ் இலக்கியம்

VC 27.03 TO CONSIDER AND APPROVE THE EXTENSION OF THE RUSA REGULATIONS 2018 TILL 2023 FOR B.E. COMPUTER SCIENCE AND ENGINEERING PROGRAMME OFFERED IN THE UNIVERSITY DEPARTMENTS OF ANNA UNIVERSITY.

RESOLVED TO APPROVE the extension of the RUSA Regulations 2018 till 2023 for B.E Computer Science and Engineering Programme offered in the University Departments of Anna University.

VC 27.04 TO CONSIDER AND RATIFY CERTAIN AMENDMENTS MADE IN THE REGULATIONS 2018 (RUSA) OF THE UG DEGREE PROGRAMME OFFERED IN THE UNIVERSITY DEPARTMENTS.

RESOLVED TO RATIFY certain amendments made in the Regulations 2018(RUSA) of the UG degree programme offered in the University Departments.

Annexure 27.04 - UG Regulations 2018 (RUSA)

VC 27.05 TO CONSIDER AND RATIFY CERTAIN AMENDMENTS MADE IN THE REGULATIONS 2019 (CBCS) OF ALL THE UG AND PG DEGREE PROGRAMMES OFFERED IN THE UNIVERSITY DEPARTMENTS.

RESOLVED TO RATIFY certain amendments incorporated in the Regulations 2019 (CBCS) of all the UG and PG Programmes offered in University Departments.

Annexure 27.05 - 1. UG Regulations 2019 (CBCS)

2. B. Arch. Regulations 2019 (CBCS)

3. PG Regulations 2019 (CBCS)

4. M. Arch. / M. Plan Regulations 2019 (CBCS)

VC 27.06 TO CONSIDER AND RATIFY THE PERMISSION ACCORDED TO THE STUDENTS OF VARIOUS SEMESTERS WHO HAVE UNDERGONE STUDENT EXCHANGE PROGRAMME OF UNIVERSITY DEPARTMENTS, ANNA UNIVERSITY AT INTERNATIONAL UNIVERSITIES UNDER VARIOUS AGREEMENTS.

RESOLVED TO RATIFY the permission accorded to the students of various semesters in University Departments who have undergone student exchange programme in International Universities under various agreements.

Annexure 27.06 – Student Exchange

VC 27.07 TO CONSIDER AND APPROVE THE FOLLOWING REGULATIONS 2021 (CBCS) FOR PG – MBA (Online Mode) TO BE OFFERED IN UNIVERSITY DEPARTMENTS AND FOR ALL THE UG AND PG DEGREE PROGRAMMES TO BE OFFERED IN THE NON-AUTONOMOUS COLLEGES AFFILIATED TO ANNA UNIVERSITY.

RESOLVED TO APPROVE the following Regulations 2021(CBCS) for PG – MBA (Online Mode) to be offered in University Departments and for all the UG and PG Degree Programmes to be offered in the Non-Autonomous Colleges affiliated to Anna University.

Salient points – UG / PG (R-2021)

- a) **Regulations 2021 – UG – B.E./B.Tech. (Full-Time)**
- b) **Regulations 2021 – UG – B.Arch. (Full-Time)**
- c) **Regulations 2021 – PG – M.E./M.Tech./M.C.A.**
- d) **Regulations 2021 – PG – M. Arch.**
- e) **Regulations 2021 – PG – M.B.A.**
- f) **Regulations 2021 – PG – Five year Integrated M.B.A.**
- g) **Regulations 2021 – PG – M.B.A. (Online mode) (University Departments)**

VC 27.08 TO CONSIDER AND APPROVE THE CHANGE IN DEGREE AND PROGRAMME NOMENCLATURE FROM B.E. AGRICULTURE ENGINEERING TO B.TECH. AGRICULTURAL ENGINEERING OFFERED IN NON-AUTONOMOUS COLLEGES AFFILIATED TO ANNA UNIVERSITY.

RESOLVED TO APPROVE the change in Degree and Programme Nomenclature from B.E Agriculture Engineering to B.Tech. Agricultural Engineering offered in the Non-Autonomous Colleges affiliated to Anna University.

Annexure 27.08 – B. Tech. Agricultural Engineering

VC 27.09 TO CONSIDER AND RATIFY CERTAIN AMENDMENTS MADE IN THE REGULATIONS 2017 (CBCS) FOR ALL THE UG AND PG DEGREE PROGRAMMES OFFERED IN THE NON-AUTONOMOUS COLLEGES AFFILIATED TO ANNA UNIVERSITY.

RESOLVED TO RATIFY the amendments incorporated in the Regulations 2017 (CBCS) of all the UG and PG Programmes offered in the Non-Autonomous Colleges affiliated to Anna University.

Annexure 27.09 – 1. UG Regulations 2017 (CBCS)

2. PG Regulations 2017 (CBCS)

3. B. Arch. Regulations 2017 (CBCS)

4. M. Arch. Regulations 2017 (CBCS)

VC 27.10 TO CONSIDER AND APPROVE TO START THE FOLLOWING NEW UG AND PG DEGREE PROGRAMMES TO BE OFFERED IN UNIVERSITY DEPARTMENTS, AUTONOMOUS COLLEGES, NON-AUTONOMOUS COLLEGES AND DISTANCE EDUCATION AFFILIATED TO ANNA UNIVERSITY WITH EFFECT FROM THE ACADEMIC YEAR 2021 – 2022 ONWARDS.

RESOLVED TO APPROVE the start of the following new UG and PG Degree Programmes to be offered in University Departments, Autonomous Colleges, Non-Autonomous Colleges and Distance Education affiliated to Anna University from the academic year 2021 – 2022 onwards.

Annexure 27.10 – 1. University Departments

- 2. Non-Autonomous Colleges Affiliated to Anna University.**
- 3. Autonomous Colleges.**
- 4. Distance Education.**

VC 27.11 TO CONSIDER AND APPROVE THE PROVISION OF AWARD OF B.E./ B.TECH (HONS) WITH SPECIALIZATION AND B.E./ B.TECH WITH MINOR DEGREE IN UNIVERSITY DEPARTMENTS AND AUTONOMOUS AND NON-AUTONOMOUS COLLEGES AFFILIATED TO ANNA UNIVERSITY WITH EFFECT FROM THE ACADEMIC YEAR 2021 – 2022 ONWARDS.

RESOLVED TO APPROVE the provision of award of the following Degree Classifications in University Departments and Autonomous and Non-Autonomous Colleges affiliated to Anna University from the academic year 2021-2022 onwards.

- B. E./B.TECH (Hons.) with Specialization
- B. E. / B.TECH with Minor Degree

Annexure 27.11 – B.E. (HONS) and B.E. with Minor Degree**ONE TIME MEASURES TAKEN DUE TO COVID'19 PANDEMIC IN UNIVERSITY DEPARTMENTS, AUTONOMOUS AND NON-AUTONOMOUS COLLEGES AFFILIATED TO ANNA UNIVERSITY.**

VC 27.12 TO CONSIDER AND RATIFY THE FOLLOWING NOTIFICATIONS ISSUED BASED ON THE DECISIONS TAKEN AS A ONE TIME MEASURE FOR THE BENEFIT OF THE STUDENTS OF UNIVERSITY DEPARTMENTS, AUTONOMOUS AND NON AUTONOMOUS AFFILIATED COLLEGES AND DISTANCE EDUCATION OF ANNA UNIVERSITY IN VIEW OF THE COVID'19 PANDEMIC.

RESOLVED TO RATIFY the notifications issued based on the decisions taken as a **ONE TIME MEASURE** due to the Covid'19 pandemic in University Departments, Autonomous and Non-Autonomous Colleges affiliated to Anna University and Distance Education of Anna University.

Annexure 27.12 – 1. One Time Measure due to COVID'19 pandemic
2. Notifications

ITEMS PERTAINING TO FACULTY OF CIVIL ENGINEERING

ITEMS PERTAINING TO NON-AUTONOMOUS COLLEGES

FC27.01 TO CONSIDER AND APPROVE THE CURRICULUM AND SYLLABUS OF SEMESTERS I & II FOR THE UG (FT) DEGREE PROGRAMMES TO BE OFFERED IN NON-AUTONOMOUS AFFILIATED COLLEGES UNDER R-2021 (CBCS) WITH EFFECT FROM THE ACADEMIC YEAR 2021 – 2022 ONWARDS.

RESOLVED TO APPROVE the Curriculum and Syllabus of Semester I and II for the following UG (FT) Degree Programmes to be offered in the Non-Autonomous Colleges affiliated to Anna University under Regulations 2021 (CBCS) from the academic year 2021-2022 onwards.

1. **B.E. Civil Engineering**
2. **B. E. Agriculture Engineering**
3. **B.E. Geoinformatics Engineering**
4. **B.E. Environmental Engineering**
5. **B.E. Civil Engineering (Tamil Medium)**

FC27.02 TO CONSIDER AND APPROVE THE CURRICULUM FOR SEMESTERS I TO IV AND SYLLABUS FOR SEMESTER I FOR THE PG (FULL TIME) DEGREE PROGRAMMES TO BE OFFERED IN NON-AUTONOMOUS AFFILIATED COLLEGES UNDER R-2021 (CBCS) WITH EFFECT FROM THE ACADEMIC YEAR 2021 – 2022 ONWARDS.

RESOLVED TO APPROVE the Curriculum for Semesters I to IV and Syllabus for Semester I for the following PG (FT) Degree Programmes to be offered in the Non-Autonomous Colleges affiliated to Anna University under Regulations 2021 (CBCS) from the academic year 2021-2022 onwards.

1. M.E. Structural Engineering
2. M.E. Construction Engineering and Management
3. M.E. Environmental Engineering
4. M.E. Soil Mechanics and Foundation Engineering
5. M. Tech. Remote Sensing and GIS
6. M. E. Infrastructure Engineering and Management

FC27.03 TO CONSIDER AND APPROVE THE COMMON SYLLABUS FOR CIVIL ENGINEERING RELATED COURSES OF B.E. / B.TECH. DEGREE PROGRAMMES UNDER R-2021 TO BE OFFERED BY THE NON-AUTONOMOUS AFFILIATED COLLEGES ANNA UNIVERSITY, CHENNAI WITH EFFECT FROM THE ACADEMIC YEAR 2021-2022.

RESOLVED TO APPROVE the common syllabus for Civil Engineering related courses to be offered for the B.E./B.Tech. Degree Programmes under R-2021 in the Non-Autonomous Colleges affiliated to Anna University from the academic year 2021–2022.

Common Syllabus for Civil Engineering Related Courses of
B.E. / B.Tech. Degree Programmes Under R-2021

FC27.04 TO CONSIDER AND APPROVE THE CHANGE IN PROGRAMME NOMENCLATURE FROM M.TECH. REMOTE SENSING TO M.TECH. REMOTE SENSING AND GIS OFFERED IN NON-AUTONOMOUS COLLEGES AFFILIATED TO ANNA UNIVERSITY.

RESOLVED TO APPROVE the change in Programme nomenclature from *M.Tech Remote Sensing* to *M.Tech Remote Sensing and GIS* offered in the Non-Autonomous Colleges affiliated to Anna University.

ITEMS PERTAINING TO FACULTY OF MECHANICAL ENGINEERING

I. ITEMS PERTAINING TO UNIVERSITY DEPARTMENTS

FM27.01 TO CONSIDER AND RATIFY THE MINOR CHANGES INCORPORATED IN THE CURRICULUM OF M.E. ENGINEERING DESIGN PROGRAMME UNDER R-2019 (CBCS) OF UNIVERSITY DEPARTMENT OF ANNA UNIVERSITY.

RESOLVED TO RATIFY the minor changes incorporated in the Curriculum of M.E. Engineering Design Programme under R2019 (CBCS) offered in the University Departments of Anna University.

Modifications in the Curriculum of M.E. Engineering Design

FM27.02 TO CONSIDER AND RATIFY THE REVISED VISION AND MISSION, PROGRAMME EDUCATIONAL OBJECTIVES AND PROGRAMME SPECIFIC OUTCOMES INCORPORATED IN THE SYLLABUS OF THE B. E. PRODUCTION ENGINEERING DEGREE PROGRAMME OFFERED IN UNIVERSITY DEPARTMENTS OF ANNA UNIVERSITY UNDER R-2015.

RESOLVED TO RATIFY the revised Vision, Mission, Programme Educational Objectives and Programme Specific Outcomes incorporated in the Syllabus of B. E. Production Engineering Degree Programme offered in University Departments of Anna University under R-2015.

Revised Vision, Mission and PEO's and PSO's of B.E. (Production Enng.)

ITEMS PERTAINING TO NON-AUTONOMOUS COLLEGES

FM27.03 TO CONSIDER AND APPROVE THE CURRICULA AND SYLLABI OF SEMESTERS I & II FOR THE UG (FULL TIME) DEGREE PROGRAMMES TO BE OFFERED IN NON-AUTONOMOUS AFFILIATED COLLEGES OF ANNA UNIVERSITY UNDER R-2021 (CBCS) WITH EFFECT FROM THE ACADEMIC YEAR 2021 – 2022 ONWARDS.

RESOLVED TO APPROVE the Curricula and Syllabi of Semester I and II for the following UG (FT) Degree Programmes to be offered in Non-Autonomous Colleges affiliated to Anna University under Regulations 2021 (CBCS) from the academic year 2021-2022 onwards.

1. **B.E. Mechanical Engineering**
2. **B.E. Mechanical Engineering (Sandwich)**
3. **B.E. Manufacturing Engineering**
4. **B.E. Production Engineering**
5. **B.E. Automobile Engineering**
6. **B.E. Aerospace Engineering**
7. **B.E. Industrial Engineering and Management**
8. **B.E. Industrial Engineering**
9. **B.E. Safety and Fire Engineering**
10. **B.E. Materials Science and Engineering**
11. **B.E. Mechatronics Engineering**
12. **B.E. Mechanical and Automation Engineering**
13. **B.E. Robotics and Automation**
14. **B.E. Marine Engineering**
15. **B.E. Aeronautical Engineering**
16. **B.E. Mechanical Engineering (Tamil Medium)**

FM27.04 TO CONSIDER AND APPROVE THE CURRICULA I TO IV SEMESTERS AND SYLLABI OF SEMESTER I FOR THE PG (FULL TIME) DEGREE PROGRAMMES TO BE OFFERED IN NON-AUTONOMOUS COLLEGES AFFILIATED OF ANNA UNIVERSITY UNDER R-2021 (CBCS) WITH EFFECT FROM THE ACADEMIC YEAR 2021 – 2022 ONWARDS.

RESOLVED TO APPROVE the Curricula for Semester I to IV and Syllabi of Semester I for the following PG (FT) Degree Programmes to be offered in the Non-Autonomous Colleges affiliated to Anna University under Regulations 2021 (CBCS) from the academic year 2021-2022 onwards.

1. **M.E. CAD/CAM**
2. **M.E. Computer Aided Design**

3. M.E. Engineering Design
4. M.E. Product Design and Development
5. M.E. Computer Integrated Manufacturing
6. M.E. Manufacturing Engineering
7. M.E. Mechatronics
8. M.E. Internal Combustion Engineering
9. M.E. Automobile Engineering
10. M.E. Thermal Engineering
11. M.E. Energy Engineering
12. M.E. Industrial Engineering
13. M.E. Industrial Safety Engineering
14. M.E. Aerospace Technology
15. M.E. Aeronautical Engineering

FM27.05 TO CONSIDER AND APPROVE THE COMMON SYLLABI FOR MECHANICAL ENGINEERING RELATED COURSES OF B.E. / B.TECH. DEGREE PROGRAMMES UNDER R- 2021, TO BE OFFERED IN NON-AUTONOMOUS AFFILIATED COLLEGES OF ANNA UNIVERSITY WITH EFFECT FROM THE ACADEMIC YEAR 2021 – 2022.

RESOLVED TO APPROVE the common syllabi for Mechanical Engineering related courses to be offered for the B.E./B.Tech. Degree Programmes under R-2021 in the Non-Autonomous Colleges affiliated to Anna University from the academic year 2021–2022.

Common Syllabus for Mechanical Engineering Related Courses of B.E. /
B.Tech. Degree Programmes under R - 2021

FM27.06 TO CONSIDER AND RATIFY THE CURRICULUM AND SYLLABI OF SEMESTERS III FOR THE B.E. SAFETY AND FIRE ENGINEERING (FULL TIME) DEGREE PROGRAMME OFFERED IN NON-AUTONOMOUS COLLEGES AFFILIATED OF ANNA UNIVERSITY UNDER R-2017(CBCS).

RESOLVED TO RATIFY the Curriculum and Syllabi of Semester III for B.E. Safety and Fire Engineering (Full Time) Degree Programme offered in the Non-Autonomous Colleges affiliated to Anna University under R-2017 (CBCS).

B.E. Safety and Fire Engineering (FT) – III SEMESTER

FM27.07 TO CONSIDER AND APPROVE THE CURRICULUM AND SYLLABI OF SEMESTERS IV TO VIII FOR THE B.E. SAFETY AND FIRE ENGINEERING (FULL TIME) DEGREE PROGRAMME TO BE OFFERED IN NON-AUTONOMOUS AFFILIATED COLLEGES TO ANNA UNIVERSITY UNDER R-2017(CBCS).

RESOLVED TO APPROVE the Curriculum and Syllabi of Semesters IV to VIII for B.E. Safety and Fire Engineering (Full Time) Degree Programme to be offered in the Non-Autonomous Colleges affiliated to Anna University under R-2017 (CBCS).

B.E. Safety and Fire Engineering (FT) - IV TO VIII SEMESTER

FM27.08 TO CONSIDER AND RATIFY THE MINOR CHANGES INCORPORATED FOR THE COURSE “AT8011 AUTOMOTIVE TESTING” OF B.E. AUTOMOBILE ENGINEERING OFFERED IN NON-AUTONOMOUS COLLEGES AFFILIATED TO ANNA UNIVERSITY UNDER R-2017(CBCS).

RESOLVED TO RATIFY the minor changes incorporated in the Course “AT8011 Automotive Testing” of B.E. Automobile Engineering offered in the Non-Autonomous Colleges affiliated to Anna University under R2017 (CBCS).

AT8011 Automotive Testing - Revised Syllabus

ITEMS PERTAINING TO FACULTY OF ELECTRICAL ENGINEERING

ITEMS PERTAINING TO NON-AUTONOMOUS COLLEGES

FE27.01 TO CONSIDER AND APPROVE THE CURRICULUM AND SYLLABUS OF SEMESTERS I & II FOR THE UG (FULL TIME) DEGREE PROGRAMMES TO BE OFFERED IN NON-AUTONOMOUS COLLEGES AFFILIATED TO ANNA UNIVERSITY UNDER R-2021 (CBCS) WITH EFFECT FROM THE ACADEMIC YEAR 2021 – 2022 ONWARDS.

RESOLVED TO APPROVE the Curriculum and Syllabus of Semesters I and II for the following UG (FT) Degree Programmes to be offered in the Non-Autonomous Colleges affiliated to Anna University under Regulations 2021 (CBCS) from the academic year 2021-2022 onwards.

1. B.E. Electrical and Electronics Engineering
2. B.E. Electronics and Instrumentation Engineering
3. B.E. Instrumentation and Control Engineering

FE27.02 TO CONSIDER AND APPROVE THE CURRICULUM SEMESTERS I TO IV AND SYLLABUS OF SEMESTER I FOR THE PG (FULL TIME) (CBCS) DEGREE PROGRAMMES TO BE OFFERED IN NON-AUTONOMOUS AFFILIATED INSTITUTIONS UNDER R-2021 WITH EFFECT FROM THE ACADEMIC YEAR 2021 – 2022 ONWARDS.

RESOLVED TO APPROVE the Curriculum Semesters I to IV and Syllabus of semester I for the following PG (FT) Degree Programmes to be offered in the Non-Autonomous Colleges affiliated to Anna University under Regulations 2021 (CBCS) from the academic year 2021-2022 onwards.

1. M.E. Power Systems Engineering
2. M.E. Power Electronics and Drives
3. M.E. Embedded Systems Technologies

FE27.03 TO CONSIDER AND APPROVE THE COMMON SYLLABI FOR ELECTRICAL RELATED COURSES OF B.E. / B.TECH. DEGREE PROGRAMMES UNDER R-2021 (CBCS) OFFERED TO BE OFFERED IN NON-AUTONOMOUS AFFILIATED COLLEGES OF ANNA UNIVERSITY WITH EFFECT FROM THE ACADEMIC YEAR 2021 – 2022.

RESOLVED TO APPROVE the common syllabi for Electrical related courses to be offered for the B.E/ B.Tech Degree Programmes under R-2021 in the Non-Autonomous Colleges affiliated to Anna University from the academic year 2021-2022.

Common Syllabus for Electrical Related Courses of
B.E. / B.Tech. Degree Programmes under R-2021

ITEMS PERTAINING TO FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING

ITEMS PERTAINING TO NON-AUTONOMOUS COLLEGES

FI27.01 TO CONSIDER AND APPROVE THE CURRICULA AND SYLLABI OF SEMESTERS I & II FOR THE UG (FULL TIME) DEGREE PROGRAMMES TO BE OFFERED IN NON-AUTONOMOUS COLLEGES AFFILIATED TO ANNA UNIVERSITY UNDER R-2021 (CBCS) WITH EFFECT FROM THE ACADEMIC YEAR 2021 – 2022 ONWARDS.

RESOLVED TO APPROVE the Curricula and Syllabi of Semesters I and II for the following UG (FT) Degree Programmes to be offered in the Non-Autonomous Colleges affiliated to Anna University under Regulations 2021 (CBCS) from the academic year 2021-2022 onwards.

1. **B.E. Computer Science and Engineering**
2. **B.Tech. Information Technology**
3. **B.E. Computer and Communication Engineering**
4. **B.Tech. Artificial Intelligence and Data Science**
5. **B.Tech. Computer Science and Business Systems**
6. **B.E. Electronics and Communication Engineering**
7. **B.E. Electronics and Telecommunication Engineering**
8. **B.E. Biomedical Engineering**
9. **B.E. Medical Electronics**
10. **B.E. Computer Science and Engineering (Tamil Medium)**

FI27.02 TO CONSIDER AND APPROVE THE CURRICULA OF THE SEMESTERS I TO IV AND SYLLABI OF SEMESTER I FOR THE PG (FULL TIME) DEGREE PROGRAMMES TO BE OFFERED IN NON-AUTONOMOUS COLLEGES AFFILIATED TO ANNA UNIVERSITY UNDER R-2021 (CBCS) WITH EFFECT FROM THE ACADEMIC YEAR 2021 – 2022 ONWARDS.

RESOLVED TO APPROVE the Curricula of the Semesters I to IV and Syllabi of Semester I for the following PG (FT) Degree Programmes to be offered in the Non-Autonomous Colleges affiliated to Anna University under Regulations 2021 (CBCS) from the academic year 2021-2022 onwards.

1. **M.E. Computer Science and Engineering**
2. **M.E. Computer Science and Engineering (With Specialization in Cyber Security)**
3. **M.E. Computer Science and Engineering (With Specialization in Artificial Intelligence and Machine Learning)**
4. **M.E. Computer Science and Engineering (With Specialization in Networks)**
5. **M.E. Mobile and Pervasive Computing**
6. **M.E. Biometrics and Cyber Security**
7. **M.E. Big Data Analytics**
8. **M.Tech. Information Technology**
9. **M.E. Software Engineering**
10. **M. E. Multimedia Technology**
11. **M.E. E-Learning Technologies**
12. **M.C.A. (2 years)**
13. **M.E. Applied Electronics**
14. **M.E. VLSI Design**
15. **M.E. Digital Signal Processing**
16. **M.E. VLSI and Embedded Systems**
17. **M.E. Electronics and Communication Engineering**
18. **M.E. Electronics and Communication Engineering (Industry Integrated)**
19. **M.E. Communication Systems**
20. **M.E. Communication and Networking**
21. **M.E. Biomedical Engineering**
22. **M.E. Medical Electronics**

FI27.03 TO CONSIDER AND RATIFY THE SYLLABI FOR SEMESTERS III AND IV FOR THE FOLLOWING UG (FULL TIME) (CBCS) DEGREE PROGRAMMES OFFERED IN NON-AUTONOMOUS COLLEGES AFFILIATED TO ANNA UNIVERSITY UNDER R-2017 WITH EFFECT FROM THE ACADEMIC YEAR 2021 – 2022 ONWARDS.

RESOLVED TO RATIFY the Syllabi for Semesters III and IV for the following UG (Full Time) CBCS Degree Programmes offered in the Non-Autonomous Colleges affiliated to Anna University under R-2017 with effect from the academic year 2021-2022 onwards.

1. B.Tech. Artificial Intelligence and Data Science – III, IV SEM
2. B.Tech. Computer Science and Business Systems – III, IV SEM

FI27.04 TO CONSIDER AND APPROVE THE SYLLABI FOR SEMESTERS V TO VIII FOR THE FOLLOWING UG (FULL TIME) DEGREE PROGRAMMES TO BE OFFERED IN NON-AUTONOMOUS COLLEGES AFFILIATED TO ANNA UNIVERSITY UNDER R-2017 (CBCS) WITH EFFECT FROM THE ACADEMIC YEAR 2021 – 2022 ONWARDS.

RESOLVED TO APPROVE the Syllabi of V and VIII Semesters for the following UG (Full Time) CBCS Degree Programmes to be offered in the Non-Autonomous Colleges affiliated to Anna University under R2017 with effect from the academic year 2021-2022 onwards.

1. B.Tech. Artificial Intelligence and Data Science – V TO VIII SEM
2. B.Tech. Computer Science and Business Systems – V TO VIII SEM

ITEMS PERTAINING TO FACULTY OF TECHNOLOGY

I. ITEMS PERTAINING TO UNIVERSITY DEPARTMENTS

FT27.01 TO CONSIDER AND RATIFY THE REVISED COURSE CODE AND CREDITS INCORPORATED IN THE CURRICULA AND SYLLABI OF THE FOLLOWING UG (FULL TIME) DEGREE PROGRAMMES OFFERED IN THE UNIVERSITY DEPARTMENTS OF ANNA UNIVERSITY UNDER R-2019 (CBCS).

RESOLVED TO RATIFY the revised course code and credits incorporated in the Curricula and Syllabi for the following UG (Full Time) Degree Programmes offered in the University Departments of Anna University under R-2019 (CBCS).

1. B. Tech. Textile Technology.
2. B. Tech. Apparel Technology.
3. B. Tech. Chemical Engineering.
4. B. Tech. Ceramic Technology.

II. ITEMS PERTAINING TO NON-AUTONOMOUS COLLEGES

FT27.02 TO CONSIDER AND APPROVE THE CURRICULA AND SYLLABI OF SEMESTERS I & II FOR THE UG (FULL TIME) DEGREE PROGRAMMES TO BE OFFERED IN NON-AUTONOMOUS COLLEGES AFFILIATED TO ANNA UNIVERSITY UNDER R-2021(CBCS) WITH EFFECT FROM THE ACADEMIC YEAR 2021 – 2022 ONWARDS.

RESOLVED TO APPROVE the Curricula and Syllabi of semesters I & II for the UG (Full Time) degree programmes to be offered in Non-Autonomous colleges Affiliated to Anna University under R-2021(CBCS) from the Academic year 2021–2022 onwards.

1. B.Tech. Chemical Engineering
2. B.Tech.Chemical and Electrochemical Engineering
3. B.Tech. Biotechnology
4. B.Tech. Biotechnology and Biochemical Engineering
5. B.Tech. Food Technology
6. B.Tech. Pharmaceutical Technology
7. B.Tech.Textile Technology
8. B.Tech.Textile Chemistry
9. B.Tech. Handloom and Textile Technology
10. B.Tech. Fashion Technology
11. B.Tech. Petrochemical Technology
12. B.E. Petrochemical Engineering
13. B.Tech.Petroleum Engineering
14. B.Tech. Plastics Technology

FT27.03 TO CONSIDER AND APPROVE THE CURRICULA OF SEMESTERS I TO IV AND SYLLABUS OF SEMESTER I FOR THE PG (FULL TIME) DEGREE PROGRAMMES TO BE OFFERED IN NON-AUTONOMOUS COLLEGES AFFILIATED TO ANNA UNIVERSITY UNDER R-2021 (CBCS) WITH EFFECT FROM THE ACADEMIC YEAR 2021 – 2022 ONWARDS.

RESOLVED TO APPROVE the Curricula of Semesters I to IV and Syllabus of Semester I for the following PG (FT) Degree Programmes to be offered in the Non-Autonomous Colleges affiliated to Anna University under Regulations 2021 (CBCS) from the academic year 2021-2022 onwards.

1. M.Tech. Chemical Engineering
2. M.Tech. Biotechnology
3. M.Tech. Textile Technology
4. M.Tech. Textile Technology (with specialization in Textile Chemistry)
5. M.Tech. Plastics Technology
6. M.Tech. Nano Science and Technology
7. M.Tech. Biopharmaceutical Technology

FT27.04 TO CONSIDER AND RATIFY THE CURRICULUM AND SYLLABUS OF I AND II SEMESTERS OF B. TECH. BIOTECHNOLOGY AND BIOCHEMICAL ENGINEERING (CBCS) DEGREE PROGRAMMES OFFERED IN NON-AUTONOMOUS COLLEGES AFFILIATED TO ANNA UNIVERSITY UNDER R-2017 WITH EFFECT FROM THE ACADEMIC YEAR 2019 – 2020 ONWARDS.

RESOLVED TO RATIFY the Curriculum and Syllabus of Semesters I and II B.Tech. Biotechnology and Biochemical Engineering (CBCS) Degree Programmes offered in the Non-Autonomous Colleges affiliated to Anna University under R2017 from the academic year 2019-2020 onwards.

B. Tech. Biotechnology and Biochemical Engineering- I & II SEM

FT27.05 TO CONSIDER AND RATIFY SEMESTERS III AND IV SYLLABUS OF B.TECH. BIOTECHNOLOGY AND BIOCHEMICAL ENGINEERING OFFERED IN NON-AUTONOMOUS COLLEGES AFFILIATED TO ANNA UNIVERSITY UNDER R-2017.

RESOLVED TO RATIFY the Semesters III and IV Syllabus of B.Tech. Biotechnology and Biochemical Engineering (CBCS) Degree Programmes offered in the Non-Autonomous Colleges affiliated to Anna University under R-2017.

B.Tech. Biotechnology and Biochemical Engineering – III & IV SEM

FT27.06 TO CONSIDER AND APPROVE SEMESTERS V TO VIII SYLLABUS OF B.TECH. BIOTECHNOLOGY AND BIOCHEMICAL ENGINEERING TO BE OFFERED IN NON-AUTONOMOUS COLLEGES AFFILIATED TO ANNA UNIVERSITY UNDER R-2017.

RESOLVED TO RATIFY the Semesters V and VIII Syllabus of B.Tech. Biotechnology and Biochemical Engineering (CBCS) Degree Programmes offered in the Non Autonomous Colleges affiliated to Anna University under R-2017.

B.Tech. Biotechnology and Biochemical Engineering – V to VIII SEM

ITEMS PERTAINING TO FACULTY OF SCIENCE AND HUMANITIES

I. ITEMS PERTAINING TO UNIVERSITY DEPARTMENTS

FS27.01 TO CONSIDER AND APPROVE THE NEW CURRICULA AND SYLLABI FOR THE M.SC. DEGREE PROGRAMME (2-YEAR) TO BE OFFERED IN UNIVERSITY DEPARTMENTS UNDER R-2019 (CBCS) WITH EFFECT FROM THE ACADEMIC YEAR 2021 – 2022 ONWARDS.

RESOLVED TO APPROVE the new Curricula and Syllabi for the M.Sc. Multimedia (with specialization in Visual Communication) Degree Programmes to be offered in University Departments of Anna University under Regulations 2019(CBCS) from the academic year 2021-2022 onwards.

M.Sc. Multimedia (specialization in Visual Communication) (2 years)

II. ITEMS PERTAINING TO NON-AUTONOMOUS COLLEGES

FS27.02 TO CONSIDER AND APPROVE THE SYLLABI OF SEMESTERS I & II FOR THE FOLLOWING COURSES OF UG (FULL TIME) AND SEMESTER I SYLLABI FOR THE FOLLOWING COURSES OF PG (FULL-TIME) DEGREE PROGRAMMES TO BE OFFERED IN THE NON-AUTONOMOUS AFFILIATED COLLEGES TO ANNA UNIVERSITY UNDER REGULATIONS 2021.

RESOLVED TO APPROVE the Syllabi of Semesters I and II for the following courses of UG (Full Time) and Semester I Syllabi for the following courses of PG (Full Time) Degree Programmes to be offered in the Non-Autonomous Colleges affiliated to Anna University under Regulations 2021 (CBCS).

1. English
2. Mathematics - UG & PG
3. Physics
4. Chemistry

ITEMS PERTAINING TO FACULTY OF ARCHITECTURE AND PLANNING**ITEMS PERTAINING TO NON-AUTONOMOUS COLLEGES**

FA27.01 TO CONSIDER AND APPROVE THE CURRICULUM AND SYLLABI OF SEMESTERS I & II FOR THE B. ARCH. (FULL TIME) DEGREE PROGRAMME TO BE OFFERED IN NON AUTONOMOUS COLLEGES AFFILIATED TO ANNA UNIVERSITY UNDER R-2021 (CBCS) WITH EFFECT FROM THE ACADEMIC YEAR 2021-2022 ONWARDS.

RESOLVED TO APPROVE the Curriculum and Syllabi of Semesters I and II for the B.Arch. (FT) Degree Programme to be offered in the Non-Autonomous Colleges affiliated to Anna University under Regulations 2021 (CBCS) from the academic year 2021-2022 onwards.

B. Arch

FA27.02 TO CONSIDER AND APPROVE THE CURRICULA OF SEMESTERS I TO IV AND SYLLABUS OF SEMESTER I FOR THE FOLLOWING PG (FT) DEGREE PROGRAMMES TO BE OFFERED IN NON-AUTONOMOUS COLLEGES AFFILIATED TO ANNA UNIVERSITY UNDER R-2021 (CBCS) WITH EFFECT FROM THE ACADEMIC YEAR 2021-2022 ONWARDS.

RESOLVED TO APPROVE the Curricula of Semesters I to IV and Syllabus of Semester I for the following PG (FT) Degree Programmes to be offered in the Non-Autonomous Colleges affiliated to Anna University under Regulations 2021 (CBCS) from the academic year 2021-2022 onwards.

1. M. Arch. (General)
2. M. Arch. (Environmental Architecture)
3. M. Arch. (Real Estate Development)
4. M. Arch. (Conservation)
5. M. Arch. (Digital Architecture)
6. M. Arch. (Urban Design)

ITEMS PERTAINING TO FACULTY OF MANAGEMENT SCIENCES

FN27.01 TO CONSIDER AND APPROVE THE CURRICULUM AND SYLLABI OF SEMESTERS I TO IV FOR M.B.A (FULL-TIME) DEGREE PROGRAMMES TO BE OFFERED IN NON-AUTONOMOUS COLLEGES AFFILIATED TO ANNA UNIVERSITY UNDER R-2021 (CBCS) WITH EFFECT FROM THE ACADEMIC YEAR 2021 – 2022 ONWARDS.

RESOLVED TO APPROVE the Curriculum and Syllabi of Semesters I to IV for M.B.A (Full-Time) degree programmes to be offered in Non-Autonomous Colleges Affiliated to Anna University under R-2021 (CBCS) from the Academic year 2021–2022 Onwards.

M.B.A. (FULL – TIME)

FN27.02 TO CONSIDER AND APPROVE THE CURRICULUM AND SYLLABI FOR I TO VI SEMESTERS FOR THE M.B.A (PART-TIME) DEGREE PROGRAMMES TO BE OFFERED IN NON-AUTONOMOUS COLLEGES AFFILIATED TO ANNA UNIVERSITY UNDER R-2021 (CBCS) WITH EFFECT FROM THE ACADEMIC YEAR 2021 – 2022 ONWARDS.

RESOLVED TO APPROVE the curriculum and syllabi for I to VI semesters for the M.B.A (Part-Time) degree programmes to be offered in Non-Autonomous colleges Affiliated to Anna University under R-2021 (CBCS) from the academic year 2021–2022 onwards.

M.B.A. (PART –TIME)

FN27.03 TO CONSIDER AND APPROVE THE CURRICULUM AND SYLLABI OF SEMESTERS I TO X FOR M.B.A (INTEGRATED) - 5 YEARS (FULL TIME) DEGREE PROGRAMME TO BE OFFERED IN NON-AUTONOMOUS COLLEGES AFFILIATED TO ANNA UNIVERSITY UNDER R-2021(CBCS) WITH EFFECT FROM THE ACADEMIC YEAR 2021 – 2022 ONWARDS.

RESOLVED TO APPROVE the Curriculum and Syllabi of semesters I to X for M.B.A (Integrated) - 5 years (Full Time) degree programme to be offered in Non-Autonomous colleges affiliated to Anna University under R-2021(CBCS) from the academic year 2021–2022 onwards.

M.B.A (INTEGRATED) - 5 YEARS (FT)

FN27.04 TO CONSIDER AND APPROVE THE CURRICULUM AND SYLLABI OF SEMESTERS I TO IV FOR M.B.A (GENERAL MANAGEMENT) PROGRAMME TO BE OFFERED IN ONLINE MODE UNDER R-2021 ONLINE BY CENTRE FOR DISTANCE EDUCATION, ANNA UNIVERSITY WITH EFFECT FROM THE ACADEMIC YEAR 2021 – 2022 ONWARDS.

RESOLVED TO APPROVE the Curriculum and Syllabi of semesters I to IV for M.B.A (General Management) programme to be offered in online mode under R-2021 online by Centre for Distance Education, Anna University from the academic year 2021–2022 onwards.

M.B.A (GENERAL MANAGEMENT)

FN27.05 TO CONSIDER AND APPROVE THE M.B.A. (BUSINESS ANALYTICS) PROGRAMME TO BE STARTED IN ONLINE MODE UNDER REGULATIONS 2021 ONLINE BY CENTRE FOR DISTANCE EDUCATION, ANNA UNIVERSITY WITH EFFECT FROM 2021 – 2022 ONWARDS.

RESOLVED TO APPROVE the M.B.A. (Business Analytics) programme to be started in online mode under Regulations 2021 online by Centre for Distance Education, Anna university from 2021–2022 onwards.

ITEMS PERTAINING TO RESEARCH BOARD

FR27.01 TO CONFIRM THE MINUTES OF THE THIRTY SIXTH MEETING OF THE RESEARCH BOARD HELD ON 03.11.2020.

RESOLVED to confirm the minutes of the 36th Meeting of the Research Board held on 03.11.2020.

FR27.02 TO INFORM THE ADMISSION OF CANDIDATES FOR Ph.D. PROGRAMME DURING JANUARY 2021 SESSION

The number of candidates admitted to Ph.D. programme during January 2021 is given in Annexure:

Annexure FR27.02

RESOLVED to note as given in the agenda.

FR27.03 TO INFORM THE DETAILS OF RESEARCH SCHOLARS WHO HAVE BEEN GRANTED EXTENSION (BEYOND 6 YEARS DUE TO COVID-19 PANDEMIC SITUATION) TO SUBMIT THEIR Ph.D. THESIS

RESOLVED to note the list of 1493 Ph.D. scholars granted extension of time to submit their thesis after the previous Research Board meeting, as given in the Annexure – I (Page Nos. A1–1 to A1–97).

FR27.04 TO INFORM THE APPROVAL GIVEN FOR SUPERVISOR RECOGNITION.

RESOLVED to note as given in **Annexure – II** (Page Nos. **A2–1 to A2–34**).

FR27.05 TO INFORM THE RECOMMENDATIONS OF THE INSPECTION COMMITTEES CONSTITUTED FOR RECOGNITION OF DEPARTMENTS / ORGANIZATION AS APPROVED RESEARCH CENTRES OF ANNA UNIVERSITY.

RESOLVED to note the list of Departments and R&D centres approved by the Vice Chancellor and Convener Committee for research centre recognition based on the recommendation of the Inspection Committee as given in **Annexure - III** (Page No. **A3-1 to A3-2**).

FR27.06 TO CONSIDER AND APPROVE THE SELECTION OF CANDIDATES FOR ADMISSION TO Ph.D. PROGRAMME FOR JULY 2021 SESSION.

The 35th Research Board has given approval for the selection of Ph.D. Scholars via online interview. As per the Board's directions and as per the directions of Convenor Committee, interview has been conducted for the applicants for the Ph.D. Programme July 2021 session.

A total number of 2651 applications were received for admission to Ph.D. Programme July 2021 session as listed in **Annexure-IV** (Page No. **A4-1 to A4-249**). After scrutiny, 2608 candidates were called for the online interview held between 19.07.2021 to 24.07.2021 at Centre for Research. Total 358 candidates were absent for the online interview.

RESOLVED to note the list of absentees for the Online Interview as given in **Annexure-V** (Page No. **A5-1 to A5- 12**) and the details of candidates appeared for the online interview and the distribution of marks secured (CGPA + Interview) are given in **Annexure-VI** (Page No. **A6 -1 to A6 - 3**).

RESOLVED TO RATIFY the fixing of cut off mark for the selection of Ph.D. candidates for the admission to July 2021 session in order to accommodate 60% of the candidates in each faculty.

Annexure FR27.06

RESOLVED TO NOTE that the admission of candidates awaiting final semester result are “withheld” and his / her admission will be based on furnishing the required necessary documents.

The “Recommended” candidates who have assured to produce leave sanction and relieving order (as applicable) before the final admission is “withheld” and his/her admission will be based on furnishing the required necessary documents.

Selected candidates have the option to join the Ph.D. programme *either during the July 2021 or January 2022 session.*

FR26.07 TO INFORM THE ADMISSION OF Ph.D. SCHOLARS UNDER QIP SCHEME OF AICTE IN JANUARY 2021 SESSION

RESOLVED to note that the following Quality Improvement Programme (QIP) Scholars who had completed their pre-registration during 2019 – 2020 have been admitted to Ph.D. programme during January 2021 session.

Annexure FR27.07**FR27.08 TO INFORM THE ADMISSION OF Ph.D. SCHOLARS UNDER ADF SCHEME OF AICTE IN JANUARY 2021 SESSION**

RESOLVED to note that the following candidates have been selected under AICTE Doctoral Fellowship (ADF) Scheme sponsored by AICTE for the year 2019 – 2020 by the nodal centres identified by AICTE. The candidates have been admitted to Ph.D. Programme in January 2021 session on Full Time basis under ADF Scheme at nodal centres as mentioned below.

Annexure FR27.08**FR27.09 TO CONSIDER AND RATIFY THE AMENDMENTS IN THE Ph.D. REGULATIONS 2020.**

The Ph.D. / M.S (by Research) Regulations 2015 was replaced with Ph.D. Regulation 2020 with effect from January 2020. RESOLVED to ratify the following amendments in Regulations 2020:

Annexure FR27.09

FR27.10 MATTERS FOR DISCUSSION

FR27.10.01 TO CONSIDER THE PROPOSAL FOR THE MODALITIES IN ISSUING THE ELIGIBILITY CERTIFICATE FOR ADMISSION TO Ph.D. PROGRAMME.

The 12th Executive Meeting of the Centre for Academic courses held on 31.10.2019 has approved to transfer the issuance of Eligibility Certificate to the candidates who are applying for the Ph.D. Programme from Centre for Academic Courses to Centre for Research with effect from July 2020 onwards.

It is proposed to consider the following in the course eligibility certification for the admission to Ph.D. programme and also to incorporate any changes carried out by UGC list of PG Programme from time to time.

- 1) The students who have completed two year Part-Time PG degree programmes, through AUT Coimbatore shall undergo **three additional courses**.
- 2) The students who have obtained their PG degree through week end programmes in three years through MBCBS from Anna University of Technology, Trichy shall undergo **three additional courses**.
- 3) The Students who got admitted upto the year 2011 into 2 year Part-Time / Weekend P.G. programmes conducted by certain UGC approved Universities shall undergo **four additional courses**.
- 4) The students who secured PG Degree from Universities other than Central and State Government need to obtain course eligibility from Centre for Research.

RESOLVED to admit the candidate those who have completed their PG degrees in 2 years full time mode or 3 years part time mode for the PhD Programme after verifying the credits obtained in their PG Degree.

FR27.10.02: INDIAN COUNCIL FOR CULTURAL RELATIONS PH.D APPLICATION FOR ADMISSION

Anna University facilitate foreign candidate to pursue Ph.D. in University Departments. The Centre for Research has received 12 applications from International Relations, Anna University (Centre for Research, Anna University) on August 2020 for the Ph.D. admission through ICCR. Due to the pandemic situations that aroused and due to unavailability of foreign candidates the processing of the applications received from International Relations, Anna University through ICCR got delayed. Now, it is proposed to consider these applications along with the admission for the July 2021 / January 2022 session.

RESOLVED to consider the 12 ICCR applications for admission to July 2021 / January 2022 session.

FR27.10.03: CLARIFICATION OF CA, ICWA, CS:

UGC issued notification D.O.No.9-35/2016 (CPP-II) dated 15.04.2021 and stated that Chartered Accountant (CA), Cost and works Accountants (ICWA), Company Secretary (CS) are equivalent as PG degree and eligibility for Ph.D. admission. It is requested for approval that, those who have applied for Ph.D. with these qualification (ie.CA, ICWA, CS) shall be considered for the admission subject to the eligibility criteria of (10+2+3(UG)).

RESOLVED TO APPROVE the eligibility of the candidates those who possess CA, ICWA, CS qualifications for admission to Ph.D. programme in the Faculty of Management Sciences.

FR27.10.04: UPDATION OF JOURNAL LISTING:

As per the approval of 35th Research Board, the Journal listing of the Centre for Research has been updated and published in the web page. Later, it is identified that some of the journals are not upto the expected standards, some of the journals changed its name and changed the publishers as detailed below:

Annexure FR27.10 - 04

The Centre may accept the synopsis of the scholars who have already submitted the research articles in the above listed journals proposed to be removed, one month prior to the date of the 37th Research Board (10.08.2021). Such scholars may be permitted to submit their synopsis till 31.07.2022.

RESOLVED TO APPROVE that the scholars can submit the synopsis if they have published the paper online with DOI number / Published Paper (with Volume and issue No.) of their research articles in the removed / updated Journals till 31st July 2022 only. The communication of such research article to the journal should have been made on or before 16th July 2021.

FR27.10.05: TO INFORM THE INCREASE IN FELLOWSHIP AMOUNT OF ACRF (ANNA CENTENARY RESEARCH FELLOWSHIP)

Anna University has allotted 50 fellowships per year for the Ph.D. Research Scholars within the four Campuses with Rs.20,000/- per month for three years or till the submission of the Thesis. It was decided at the Research Board meeting to increase the fellowship amount (scholarship given to meritorious students based on the review of selection committee) to attract more Full Time Scholars to pursue their Ph.D. in Anna University.

RESOLVED to note that Research Board has permitted to increase the scholarship amount from Rs.20,000/- to Rs.34,000/- per month.

FR27.10.06: REQUEST FOR NEW BUILDING FOR THE CENTRE FOR RESEARCH AND HOSTEL FOR THE SCHOLARS:

At present, the Centre for Research is functioning in the second floor of the Building of Distance Education. It is requested for approval to construct a new building for the Centre for Research for the smooth functioning of the centre. It is also presented that, there is no hostel facility for the full time research scholars, except few rooms allotted in the NRI Hostel. Hence, it is requested for the provision of hostel for the scholars within the campus.

RESOLVED TO DROP this agenda as it is not pertaining to this Committee

Recommendations of Academic Council

The members of the Academic Council recommended the following items based on the deliberations

1. PG Project Work

- i. The students shall be given an option to carry out the Project Work II either in their own institution or in another academic institution of repute/ research organization / industry.
 - If the student is opting to carryout the Project Work II in their own institution, the Project Work II shall be a continuation of Project Work I.
 - If the student is opting to carryout the Project Work II in another academic institution of repute/ research organization / industry, then the Project Work I has to be completed as an Individual Project work, in order to proceed to Project Work II in an Industry. The student shall be given time upto Review II during his Project Work I, to decide whether he/she is opting for continuing the work in the same institution or do a separate project work in another academic institution of repute / research organization / industry.
- ii. Corresponding Specific changes are made to M.Arch. Regulations and Curriculum as applicable and appropriate. Nomenclature of course is changed with "Thesis Phase I: Research" being retitled as "Dissertation" and "Thesis Phase II: Project" being retitled as "Thesis Project".
- iii. Corresponding Specific changes are made to M.B.A. Regulations as applicable and appropriate.

2. Academic Audit

"Every educational institution shall strive for a better performance of the students by conducting the internal assessments as mentioned in Clause 12. In order to ensure the above, Academic Audit is to be done for every course taught during the semester. For the internal assessments conducted for each course as per details provided in Clause 12, the academic records shall be maintained in the form of documentation for the individual assignments / case study report / report of mini project submitted by each student and assessment test question paper and answer script. Report of industrial training / internship shall also be maintained, if applicable. For laboratory courses students' record shall be maintained. Further, the bio-metric attendance of all students shall be maintained as a record".

The members decided to remove the biometric attendance of all the students to be maintained as a record as it will not be feasible for a huge number of students in a short duration of time on a daily basis. Instead the manual attendance record would suffice to meet the requirements.

3. Internal Assessment Evaluation

In connection with the UG / PG programmes, the Academic council has decided the following weightage for internal assessment evaluation and end semester evaluation

- Theory Courses – 40% Internal + 60% External
- Laboratory Courses - 60% Internal + 40% External
- Theory cum Laboratory Courses - 50% Internal + 50% External

Corresponding Specific Changes are made to B.Arch./ M.Arch. /M.B.A. Regulations as applicable and appropriate.

The Academic Council also recommended to follow the same evaluation procedure uniformly for Autonomous, Non-Autonomous colleges affiliated to Anna University and University Departments for the students who join from Academic year 2021 – 2022 onwards.

4. Passing Requirement and Awarding of Letter Grades

The items proposed to the Academic Council: With regard to passing requirement of UG / PG programmes, “A student who secures not less than 50% of total marks prescribed for the course [Internal Assessment + End semester University Examinations] with a minimum of 45% of the marks prescribed for the end-semester University Examination, shall be declared to have passed the course and acquired the relevant number of credits. This is applicable for both theory and practical courses (including project work).”

Corresponding Specific Changes are made to B.Arch./ M.Arch. /M.B.A. Regulations as applicable and appropriate.

In addition to the above existing clause the following has been recommended:

Further, for those students who secure pass mark as mentioned above, an expert committee shall be constituted by the Vice-Chancellor to formulate a mechanism for deciding the award of letter grades using relative grading principle.

The recommendations of the expert committee shall be included in the Regulations.

5. Reconstitution of the Syllabus Sub Committee and Board of Studies

The Curriculum and Syllabus for all the UG Programmes from Semester III up to Final Semester of the Non Autonomous Colleges affiliated to Anna University have to be framed under R-2021 as per the recommendation of the Academic Council to bridge the gap between academics and industry. In this regard, the members of the Academic Council have decided to reconstitute the Syllabus Sub Committee and Board of Studies with a revised structure as constituted by the Vice-Chancellor.

6. Submission of Answer Scripts for Online Examinations

As directed by the Syndicate in its 262nd meeting held on 19.05.2021, the end semester examinations of November/December 2020 (Re-exam) and April/May 2021 for all the UG and PG Programmes were conducted in Online Mode. The students were permitted to upload the answer scripts within 60 minutes after the scheduled completion time of the examinations. Representations had been received from students that they were unable to upload the answer scripts within the stipulated time, due to power failure, network issues etc.

Hence, the Academic council has recommended to extend the time for uploading the answer scripts as given below.

- Forenoon session – Answer Scripts uploaded till 3.30pm of the same day, shall be considered.
- Afternoon session – Answer Scripts uploaded till 8.30pm of the same day, shall be considered.

The above provisions shall be extended for the Examinations conducted for Distance Education and for the 2nd semester Post-Graduate Programmes.

In special cases an appropriate decision can be made through constituting a Committee by Anna University inclusive of the Principal/ Dean of Colleges.

7. Mathematics Course

The Academic council has decided to offer a common Mathematics course "Statistics and Numerical Methods" in Semester II instead of the proposed Mathematics courses prescribed in the curriculum of Undergraduate Programmes (except B. Arch.) to be offered in the Non-Autonomous Colleges affiliated to Anna University under Regulations 2021.

8. Age Limit for Supervisor Recognition

The following decisions were made for the supervisor recognition for research guidance

The Research Supervisor shall be permitted to take students for research guidance upto the age limit as given below

- Government and University Departments - 58 years
- Affiliated Colleges - 63 years

9. Experience Certificate

The members recommended that the Centre for Research shall permit the Staff Members from Government / Government aided educational institutions to submit their applications for joining their PhD programmes even without experience certificate, provided the applications are forwarded through the Head of the Institution / Principal. In such cases provisional registration shall be provided and the same shall be confirmed upon the experience certificate produced by the staff before the registration confirmation of the scholar by the Centre for Research.

J.P.O. 19/11

**REGISTRAR & SECRETARY
OF THE ACADEMIC COUNCIL**

cto
12.11.2021

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