



ANNA UNIVERSITY: : CHENNAI – 600 025

THE MINUTES OF THE 25th ACADEMIC COUNCIL

**MINUTES OF THE 25th MEETING OF THE ACADEMIC COUNCIL HELD ON
02.05.2019 AT 10.30 A.M. IN THE ACADEMIC COUNCIL HALL OF
ANNA UNIVERSITY CHENNAI UNDER THE CHAIRMANSHIP OF
Dr. M. K. SURAPPA, VICE-CHANCELLOR, ANNA UNIVERSITY CHENNAI.**

The following members were present:

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| 1 | Dr. M.K. Surappa | Vice Chancellor (Chairperson), Anna University, Chennai -25. |
| 2 | Dr. J. Kumar | The Registrar (Secretary), Anna University, Chennai – 25. |
| 3 | Dr. S.S. Ramakrishnan | Chairperson, Faculty of Civil Engineering, AU, Chennai – 25. |
| 4 | Dr. L. Karunamoorthy | Chairman, Faculty of Mechanical Engineering, AU, Ch – 25. |
| 5 | Dr. S. Usa | Chairperson, Faculty of Electrical Engineering, AU, Ch – 25. |
| 6 | Dr. A.P. Shanthi | Chairperson, Faculty of I & C, AU, Chennai – 25. |
| 7 | Dr. N. Selvakumar | Chairperson, Faculty of Technology, AU, Chennai – 25. |
| 8 | Dr. K. R. Sitalakshmi | Chairperson, Faculty of Architecture & Planning, AU, Ch – 25. |
| 9 | Dr. K. Sivakumar | Chairperson, Faculty of S & H, AU, Ch – 25. |
| 10 | Dr. L. Suganthi | Chairperson, Faculty of Management Sciences, AU, Ch-25. |
| 11 | Dr. G. Krishnamoorthy | The Director, University Library, Anna University, Ch – 25. |
| 12 | Dr. V. Abhaikumar | The Principal, Thiagarajar College of Engineering,
Tiruparankundram, Madurai – 625 015. |
| 13 | Dr. S. Jayanthi | The Principal, Government College of Engineering,
Bodiyayanayakanur, Theni District – 625 513. |
| 14 | Dr. V. Selladurai | The Principal, Coimbatore Institute of Technology, Avinashi
Road, Coimbatore – 641 014. |
| 15 | Dr. A. Elango | The Principal, Alagappa Chettiar College of Engineering and
Technology, Karaikudi, Sivaganga – 630 004. |
| 16 | Dr. B.V. Mudgal | Professor, Department of Civil Engineering, CWR, AU, Ch – 25. |
| 17 | Dr. S. Rajendra Boopathy | Professor, Central Workshop Division, Department of
Mechanical Engineering, Anna University, Chennai – 25. |
| 18 | Dr. M. Meenakshi | Professor, Department of Electronics and Communication
Engineering, Anna University, Chennai – 25. |
| 19 | Dr. S. N. Geetha | Professor, Department of Management Studies, Anna
University, Ch – 25. |
| 20 | Dr. M. Venkatesan | Professor, Department of Mathematics, AU, Chennai – 25. |
| 21 | Dr. G. Wiselin Jiji | The Principal, Dr. Sivanthi Athitanar College of Engineering,
Tiruchendur – 628 215. |
| 22 | Dr. P.K. Suresh | The Principal, Meenakshi Sundararajan Engineering College,
363, Arcot Road, Kodambakkam, Chennai – 600 024. |
| 23 | Dr. N. Mahendran | The Principal, PSNA College of Engineering and Technology,
Kothandaraman Nagar, Dindigul – 624 622. |

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| 24 | Dr. A. Rajendra Prasad | The Principal, Sri Sai Ram Engineering College, Sai Leo Nagar, West Tambaram, Chennai – 600 044. |
| 25 | Dr. K. Samidurai | The Principal, Jaya Engineering College, Prakash Nagar, Thiruninravur, Tiruvallur Dist – 600 024. |
| 26 | Dr. N. Duraipandian | The Principal, Velammal Engineering College, Velammal Nagar, Ambattur –Red Hills Road, Chennai – 600 066. |
| 27 | Dr. B. Chidhambara Rajan | The Principal, Valliammai Engineering College, SRM Nagar, Kattankulathur - 603 203. |
| 28 | Dr. D.Valavan | The Principal, Saranathan College of Engineering, Venkateswara Nagar, Edamalai Patti, Pudur Post, Panjappur Village, Srirangam Taluk-12 |
| 29 | Dr. Ganesan Shanthi | The Principal, Shivani Engineering College, Trichy-Dindigul Road, Poolangulathupatti, Tiruchirappalli – 620 009. |
| 30 | Dr. J. Janet | The Principal, Sri Krishna College of Engineering & Technology, Kuniamuthur (Post), Coimbatore – 641 008. |
| 31 | Dr. K.A. Mohamed Junaid | The Principal, RMK Engineering College, RSM Nagar, Kavaraipettai, Gummidipoondi Taluk - 601 206. |
| 32 | Dr. V. Lakshmi Prabha | Former Principal, GCT, Coimbatore, B1, KTVR Towers, Thadagam Road, Coimbatore – 641 013. |
| 33 | Thiru. S. Murali, M.E., | Superintendent Engineer, Load Despatch Centre, TNEB Chennai – 600 002. |
| 34 | Dr. Rajendra Kumar, I.A.S. | Secretary / Industries Commissioner and Director of Industries and Commerce, Thiru-Vi-Ka Industrial Estate, Guindy, Chennai -600 032. |
| 35 | Mr. A. J. Jegadheeson, | Head, Manufacturing Methods, TQM Office, Lucas TVS, Padi, Chennai - 50 |
| 36 | Dr. G. Balakrishnan | Engineering Supervisor-I, Caterpillar India Private Limited, Ascendas I Phase 7 th floor, Taramani, Chennai – 600 113. |
| 37 | Dr. Hema Gopal | Vice- President, Tata Consultancy Services, Onesez Unit, 200 Ft Road, Thoraiakkam, Chennai – 600 096. |
| 38 | Dr. K. Prakalathan | Director (Academic), CIPET Head Office, TVK Industrial Estate, Guindy, Chennai-32 |
| 39 | Dr. M. S. Srinivasan, FIE | Fellow of Indian Institution of Technical Arbitrators, No.26, Oliver Road, Mylapore, Chennai - 600 004. |
| 40 | Tmt. Shajeevana | Addl. Director, Entrepreneurship Development & Innovation Institute, Parthasarathy Koil Street, Ekkattuthangal, Ch – 32. |
| 41 | Thiru. V. Ramakrishnan | for Deputy Director, MSME Development Institute Government of India, Chennai,65/1,G.S.T. Road, Guindy, Ch-32 |
| 42 | Dr. R. Narasimhan | Professor, Department of Mechanical Engineering, Indian Institute of Science, Bangalore – 560 012. |

Special Invitees

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| 43 | The Dean | CEG Campus, Anna University, Chennai - 25. |
| 44 | The Dean | ACT Campus, Anna University, Chennai - 25. |
| 45 | The Dean(i/c) | MIT Campus, Anna University, Chennai - 44. |
| 46 | The Controller of Examinations | Anna University, Chennai - 600 025. |
| 47 | The Additional Controller of Examinations | Anna University, Chennai - 600 025. |
| 48 | The Director | Centre for Research, Anna University, Chennai – 600 025. |
| 49 | The Director | Centre for Distance Education, Anna University, Chennai – 25. |
| 50 | The Director | Centre for Academic Courses, Anna University, Chennai – 25. |
| 51 | The Additional Director | Centre for Academic Courses, Anna University, Chennai – 25. |
| 52 | The Deputy Directors | 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, Curricula and Syllabi for the UG and PG Programmes offered under the University Departments for the Academic Years 2019-2020 to 2022-2023. After the formal welcome, he requested the Vice-Chancellor to deliver the Special Address and Chair the meeting.

The Vice-Chancellor while addressing the Council highlighted the salient points which are to be taken up in the Academic Council Meeting. He also stressed the importance of providing quality education to the student community. He sought the cooperation and valuable guidance from the respective members to achieve the goals of the University.

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

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

VC 25.01 TO NOTE THE APPROVAL GIVEN BY THE SYNDICATE TO THE MINUTES OF THE 23rd AND 24th MEETING OF THE ACADEMIC COUNCIL HELD ON 03.05.2018 AND 28.01.2019 RESPECTIVELY.

The Minutes of the 23rd and 24th Meeting of the Academic Council Held on 03.05.2018 and 28.01.2019 respectively as approved by the Syndicate in its meeting held on 23.05.2018 and 06.02.2019 respectively.

RESOLVED TO NOTE the approval of the Minutes of the 23rd and 24th Academic Council.

- [Minutes of 23rd Academic Council](#)
- [Minutes of 24th Academic Council](#)

VC 25.02 TO CONSIDER AND APPROVE THE FOLLOWING REGULATIONS 2019 UNDER CBCS FOR THE UG / PG PROGRAMMES TO BE OFFERED BY THE UNIVERSITY DEPARTMENTS.

The standing committee made the following suggestions regarding the Regulations 2019 of UG and PG Programmes:

- ❖ **4.2 B.E. (Honours):** It was decided not to introduce the **Honours** degree for B.E. / B.Tech. Programmes.
- ❖ **6.3 Flexibility to Add or Drop Courses:** Decision was made not to have an upper limit on the number of arrear subjects to be registered, whereas **add or drop** course clause retained. Therefore, the total number of credits that a student shall add or drop be limited to 8, subject to a maximum of 2 courses.
- ❖ **6.4 Reappearance Registration & 6.5 Repeating the Course :** Members suggested to remove these clauses and in place introduced the arrear concept.
- ❖ **10 Assessment Procedures for Awarding Marks:** Members suggested to modify the assessment procedure for theory courses as 50 marks instead of 60 marks for continuous assessment and 50 marks instead of 40 marks for end semester examination.
- ❖ **10.1 Assessment for Theory Courses:** Members suggested and it was decided to exclude the weightage given for Assignments / Case study / Tutorial / Quizzes/Presentations in the Continuous assessment and was suggested to have test 1 and test 2 with equal weightage as incorporated in R-2015.
- ❖ **11. Passing Requirements:** Members suggested and it was decided to modify the minimum passing requirements as 50% with end semester examinations and continuous assessments marks put together as incorporated in R-2015.
 - **Members suggested the following procedures in place of clauses 11.1.1, 11.1.2 & 11.1.3 which states reappearance procedure for theory and laboratory courses.**
 - If a student fails to secure a pass in theory courses and Laboratory courses in the current semester examination, he/she is allowed to write arrear examinations for the next three consecutive semesters and their internal marks shall be carried over for the above mentioned period of three consecutive semesters. If a student fails to secure a pass in a course even after three consecutive arrear attempts, the student has to redo the course in the semester in which it is offered along with regular students.

❖ 11.3 Supplementary Examinations

- It was suggested to conduct supplementary examinations for the students having arrear in UG programme of VIII semester subjects alone, in order to enable them to complete the programme within the minimum stipulated period.
- It was suggested to conduct supplementary examinations for the students having arrear in M.Sc. (2 years) of IV semester subjects alone, in order to enable them to complete the programme within the minimum stipulated period.

❖ **11.4 Open day:** It was suggested by the members to rename open day. It shall be renamed as End semester valuation clarification day.

❖ **16. Break of study:** It was suggested by the members to remove the clause 16.2. "A student is not permitted to go on break of study in the first year".

The following suggestions specific to B. Arch. Programme was suggested by the standing committee.

❖ **9.1 Assessment for Theory Courses:** Members suggested to exclude the weightage given for Assignments / Case study / Tutorial / Quizzes / Presentations in the Continuous assessment and was suggested to have test 1 and test2 with equal weightage. Test 2 was suggested to be renamed as test cum assignment.

RESOLVED TO APPROVE the following Regulations 2019 Under CBCS for the UG / PG Programmes to be offered by the University Departments.

The Regulations incorporating suggestions of the Standing Committee are given below:

[Salient points – UG / PG \(R-2019\)](#)

- a) [Regulations 2019](#) – UG – B.E./B.Tech. (Full-Time)
- b) [Regulations 2019](#) – UG – B.Arch. (Full-Time)
- c) [Regulations 2019](#) – PG – M.E./M.Tech./M.C.A./M.Sc.(2 years)
- d) [Regulations 2019](#) – PG – M.B.A.
- e) [Regulations 2019](#) – PG – M. Arch. / M.Plan.
- f) [Regulations 2019](#) – PG – M. Sc. (5 Years Integrated)
- g) [Regulations 2019](#) – M. Phil.

- ❖ **4.3 Mandatory Three Weeks Induction Programme:** The members have recommended to reduce the Induction programme from Three weeks to Two weeks.
- ❖ **Mandatory Courses (MC) & Audit Courses (AC):** The members have recommended that the students may optionally undergo Mandatory course and Audit courses (UG & PG Regulations 2019). Passing is not mandatory for MC and AC courses.
- ❖ Members suggested that in all UG programmes, a course on “Unnat Bharath Abhiyan” shall be included under the category of Mandatory Courses (MC). Also suggested that the course Environmental Science shall be offered as one of the compulsory Basic Science Courses (BSC) in all the streams of engineering programmes of UG. By introducing Environmental Science as a compulsory subject, the overall credit range for the programme may be modified as 165 – 170.
- ❖ Members suggested to introduce Outcome Based Evaluation (OBE) for University Departments.

RESOLVED to carry out the above suggested modifications.

VC 25.03 TO CONSIDER AND APPROVE THE REDUCTION OF STUDENTS INTAKE FOR UG AND PG PROGRAMMES UNDER THE FACULTY OF MECHANICAL ENGINEERING OFFERED IN UNIVERSITY DEPARTMENT WITH EFFECT FROM THE ACADEMIC YEAR 2019 – 2020 ONWARDS.

It is to inform that the department of Mechanical Engineering and Printing Technology has decided to reduce the students’ intake for UG and PG programmes. In this regard necessary approval has been obtained from the Vice-Chancellor.

RESOLVED TO APPROVE the reduction of students’ intake for UG and PG programmes under the Faculty of Mechanical Engineering offered in University Department with effect from the Academic Year 2019 – 2020 onwards.

ANNEXURE – I

- Members suggested that the reduction of students’ intake for PG Programmes shall be uniform to all PG programmes in University Departments and hence the revised student intake may be changed as 18 instead of 15 under the faculty of Mechanical Engineering.

RESOLVED to carry out the above suggested modifications.

VC 25.04 TO CONSIDER AND APPROVE THE RENAMING OF B.E. PRINTING TECHNOLOGY AS B.E. PRINTING AND PACKAGING TECHNOLOGY UNDER THE FACULTY OF MECHANICAL ENGINEERING OFFERED IN UNIVERSITY DEPARTMENT WITH EFFECT FROM THE ACADEMIC YEAR 2019 – 2020 ONWARDS.

It is to inform that B.E. Printing Technology is to be renamed as B.E. Printing and Packaging Technology. In this regard necessary approval has been obtained from the Vice-Chancellor.

RESOLVED TO APPROVE the renaming of B.E. Printing Technology as B.E. Printing and Packaging Technology under the Faculty of Mechanical Engineering offered in University Department with effect from the Academic Year 2019 – 2020 onwards.

VC 25.05 TO CONSIDER AND APPROVE THE CLOSURE OF M.E. APPLIED ELECTRONICS (PART TIME) AND M.E. MEDICAL ELECTRONICS (PART TIME) PROGRAMMES UNDER THE DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING OFFERED IN UNIVERSITY DEPARTMENT WITH EFFECT FROM THE ACADEMIC YEAR 2019 – 2020 ONWARDS.

It is to inform that the department of Electronics and Communication Engineering has decided to close the M.E. Applied Electronics (Part Time) and M.E. Medical Electronics (Part Time). In this regard necessary approval has been obtained from the Vice-Chancellor.

RESOLVED TO APPROVE the closure of M.E. Applied Electronics (Part Time) and M.E. Medical Electronics (Part Time) programmes under the department of Electronics and Communication Engineering offered in University Department with effect from the Academic Year 2019 – 2020 onwards.

VC 25.06 TO CONSIDER AND APPROVE THE STARTING OF NEW COURSES OF THE FOLLOWING UG AND PG PROGRAMMES OFFERED IN AUTONOMOUS INSTITUTIONS WITH EFFECT FROM THE ACADEMIC YEAR 2019 – 2020 ONWARDS.

It is informed that the following new courses have been approved by the Vice-Chancellor, Anna University from the academic year 2019 - 2020.

RESOLVED TO APPROVE the starting of new courses of the following UG and PG programmes offered in Autonomous Institutions with effect from the Academic Year 2019 – 2020 onwards.

ANNEXURE – II

VC 25.07 TO CONSIDER AND RATIFY THE EQUIVALENCE GRANTED BY THE EQUIVALENCE COMMITTEE FOR THE DEGREES AWARDED BY FOREIGN UNIVERSITIES AS ELIGIBLE QUALIFICATION FOR ADMISSION TO VARIOUS PG / Ph.D. PROGRAMMES OF ANNA UNIVERSITY, CHENNAI.

RESOLVED TO RATIFY the equivalence granted by the equivalence committee for the degrees awarded by Foreign Universities as eligible qualification for admission to various PG / Ph.D. programmes of Anna University, Chennai. However, the members suggested to relook such programmes from such Universities in the future before granting equivalence.

ANNEXURE – III

VC 25.08 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 – IV

VC 25.09 TO CONSIDER AND RATIFY THE LIST OF OPEN ELECTIVES FOR THE FOLLOWING COURSES OF THE B.E. / B.TECH. (FULL-TIME) PROGRAMMES UNDER VARIOUS FACULTIES TO BE OFFERED IN THE UNIVERSITY DEPARTMENTS UNDER REGULATIONS 2015 (CBCS).

RESOLVED TO RATIFY the list of open electives for the following courses of the B.E. / B.Tech. (Full-Time) programmes under various faculties to be offered in the University Departments under Regulations 2015 (CBCS).

ANNEXURE – V

Other Points discussed by the Standing Committee

- Vice-Chancellor expressed that, there are innumerable number of programmes in UG and PG programmes. Hence the chairman of the concerned programmes are requested to revisit the curriculum and minimize the number of programmes by convening a meeting with head of the departments concerned chaired by Vice-Chancellor.

RESOLVED TO NOTE the information pertaining to minimizing the number of UG and PG programmes offered in the University Departments.

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

FC25.01 TO CONSIDER AND APPROVE THE CURRICULUM AND SYLLABI OF I TO VIII SEMESTERS FOR THE UG (FT) DEGREE PROGRAMMES (CBCS) TO BE OFFERED IN UNIVERSITY DEPARTMENTS UNDER R-2019 WITH EFFECT FROM THE ACADEMIC YEAR 2019 – 2020 ONWARDS.

RESOLVED TO APPROVE the Curriculum and Syllabi of I to VIII semesters for the UG (FT) degree programmes (CBCS) to be offered in University Departments under R-2019 with effect from the Academic year 2019 – 2020 onwards.

1. [B.E. Civil Engineering](#)
2. [B.E. Agricultural and Irrigation Engineering](#)
3. [B.E. Geoinformatics](#)

FC25.02 TO CONSIDER AND APPROVE THE NEW CURRICULA AND SYLLABI UNDER CBCS FOR THE PG (FT/PT) DEGREE PROGRAMMES TO BE OFFERED IN UNIVERSITY DEPARTMENTS UNDER R-2019 WITH EFFECT FROM THE ACADEMIC YEAR 2019 – 2020 ONWARDS.

RESOLVED TO APPROVE the new Curricula and Syllabi under CBCS for the PG (FT/PT) degree programmes to be offered in University Departments under R-2019 with effect from the Academic year 2019 – 2020 onwards.

1. [M.E. Structural Engineering](#)
2. [M.E. Construction Engineering and Management](#)
3. [M.E. Irrigation Water Management](#)
4. [M.E. Hydrology and Water Resources Engineering](#)
5. [M.E. Environmental Engineering](#)
6. [M.E. Transportation Engineering](#)
7. [M.E. Soil Mechanics and Foundation Engineering](#)
8. [M.E. Environmental Management \(FT & PT\)](#)

9. [M.E. Remote Sensing and Geomatics](#)10. [M. Tech. Coastal Management](#)**II. ITEMS PERTAINING TO AFFILIATED INSTITUTIONS**

FC25.03 TO CONSIDER AND APPROVE THE CURRICULA AND SYLLABI FOR SEMESTERS OF I TO IV FOR THE PG (FT) (CBCS) NEW DEGREE PROGRAMME OFFERED IN NITTTR UNDER R-2017 WITH EFFECT FROM THE ACADEMIC YEAR 2019 – 2020 ONWARDS.

RESOLVED TO APPROVE the Curricula and Syllabi for semesters of I to IV for the PG (FT) (CBCS) new degree programme offered in NITTTR under R-2017 with effect from the academic year 2019 – 2020 onwards.

[M.E. Infrastructure Engineering and Management](#)

FC25.04 TO CONSIDER AND RATIFY THE PERMISSION GRANTED FOR THE SPECIAL ELECTIVE COURSE FOR Ph.D. / M.S. (BY RESEARCH) PROGRAMME OFFERED IN AFFILIATED INSTITUTIONS UNDER THE FACULTY OF CIVIL ENGINEERING, ANNA UNIVERSITY, CHENNAI.

RESOLVED TO RATIFY the permission granted for the Special Elective course for Ph.D. / M.S. (By research) programme offered in Affiliated Institutions under the Faculty of Civil Engineering, Anna University, Chennai.

[SCE002 Corrosion Engineering](#)

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

FM25.01 TO CONSIDER AND APPROVE THE NEW CURRICULUM AND SYLLABI OF I TO VIII SEMESTERS FOR THE UG (FT) (CBCS) DEGREE PROGRAMMES TO BE OFFERED IN UNIVERSITY DEPARTMENTS UNDER R-2019 WITH EFFECT FROM THE ACADEMIC YEAR 2019 – 2020 ONWARDS.

RESOLVED TO APPROVE the new Curriculum and Syllabi of I to VIII semesters for the UG (FT) (CBCS) degree programmes to be offered in University Departments under R-2019 with effect from the Academic year 2019 – 2020 onwards.

1. [B. E. Mechanical Engineering](#)
2. [B. E. Materials Science and Engineering](#)
3. [B. E. Manufacturing Engineering](#)
4. [B. E. Industrial Engineering](#)
5. [B. E. Printing and Packaging Technology](#)
6. [B. E. Mining Engineering](#)
7. [B.E. Aeronautical Engineering](#)
8. [B. E. Automobile Engineering](#)
9. [B. E. Production Engineering](#)

FM25.02 TO CONSIDER AND APPROVE THE NEW CURRICULA AND SYLLABI FOR THE PG (FT/PT) (CBCS) DEGREE PROGRAMMES TO BE OFFERED IN UNIVERSITY DEPARTMENTS UNDER R-2019 WITH EFFECT FROM THE ACADEMIC YEAR 2019 – 2020 ONWARDS.

RESOLVED TO APPROVE the new Curricula and Syllabi for the PG (FT/PT) (CBCS) degree programmes to be offered in University Departments under R-2019 with effect from the Academic year 2019 – 2020 onwards.

1. [M.E. Internal Combustion Engineering](#)
2. [M.E. Energy Engineering](#)
3. [M.E. Computer Integrated Manufacturing](#)
4. [M.E. Thermal Engineering \(with specialization in Refrigeration and Air Conditioning\)](#)

5. [M.E. Engineering Design](#)
6. [M.E. Aeronautical Engineering \(FT/PT\)](#)
7. [M.E. Automobile Engineering \(FT/PT\)](#)
8. [M.E. Industrial Engineering](#)
9. [M.E. Manufacturing Engineering \(FT/PT\)](#)
10. [M.E. Mechatronics](#)
11. [M.E. Manufacturing Systems and Management](#)
12. [M.E. Product Design and Development \(PT\)](#)
13. [M.E. Quality Engineering and Management \(FT/PT\)](#)
14. [M.E. Computer Aided Design \(PT\)](#)
15. [M.E. Printing and Packaging Technology](#)
16. [M.E. Aerospace Technology](#)
17. [M.E. Solar Energy](#)
18. [M.E. Manufacturing Engineering \(With Specialization In Green Manufacturing Engineering\) \(PT\)](#)

FM25.03 TO CONSIDER AND RATIFY THE COURSE “PD7005 PRODUCT LIFECYCLE MANAGEMENT, IS INCLUDED AS A NEW PROFESSIONAL ELECTIVE COURSE IN THE CURRICULUM FOR M.E. PRODUCT DESIGN AND DEVELOPMENT (PT) DEGREE PROGRAMME UNDER REGULATIONS 2015 (CBCS) OF UNIVERSITY DEPARTMENTS, ANNA UNIVERSITY, CHENNAI.

RESOLVED TO RATIFY the course “PD7005 Product Lifecycle Management, is included as a new professional elective course in the curriculum for M.E. Product Design and Development (PT) degree programme under Regulations 2015 (CBCS) of University Departments, Anna University, Chennai.

[PD7005 Product Lifecycle Management](#)

II. ITEMS PERTAINING TO AFFILIATED INSTITUTIONS

FM25.04 TO CONSIDER AND APPROVE THE CURRICULA AND SYLLABI OF III TO VIII SEMESTERS FOR THE B.E. AEROSPACE ENGINEERING (FT) DEGREE PROGRAMME TO BE OFFERED IN AFFILIATED INSTITUTIONS UNDER R-2017 WITH EFFECT FROM THE ACADEMIC YEAR 2017 – 2018 ONWARDS.

RESOLVED TO APPROVE the Curricula and Syllabi of III to VIII semesters for the B.E. Aerospace Engineering (FT) degree programme to be offered in Affiliated Institutions under R-2017 with effect from the Academic year 2017 – 2018 onwards.

B.E. Aerospace Engineering III - VIII semesters

FM25.05 TO CONSIDER AND APPROVE THE CURRICULA AND SYLLABI OF I AND II SEMESTERS AND THE TENTATIVE CURRICULUM OF III TO VIII SEMESTER FOR THE NEW PROGRAMME OF B.E. SAFETY AND FIRE ENGINEERING (FT) DEGREE PROGRAMME TO BE OFFERED IN AFFILIATED INSTITUTIONS UNDER R-2017 WITH EFFECT FROM THE ACADEMIC YEAR 2019 – 2020 ONWARDS.

RESOLVED TO APPROVE the Curricula and Syllabi of I and II semesters and the tentative curriculum of III to VIII semester for the new programme of B.E. Safety and Fire Engineering (FT) degree programme to be offered in Affiliated Institutions under R-2017 with effect from the Academic year 2019 – 2020 onwards.

B.E. Safety and Fire Engineering

FM25.06 TO CONSIDER AND INFORM THE NOMENCLATURE OF THE PROGRAMME AS M.E. MECHATRONICS INSTEAD OF M.E. MECHATRONICS ENGINEERING DEGREE PROGRAMME TO BE OFFERED IN AFFILIATED INSTITUTIONS UNDER R-2013 AND R-2017.

RESOLVED TO NOTE the nomenclature of the programme as M.E. Mechatronics instead of M.E. Mechatronics Engineering degree programme to be offered in Affiliated Institutions under R-2013 and R-2017.

AGENDA FROM FACULTY OF ELECTRICAL ENGINEERING

FE25.01 TO CONSIDER AND APPROVE THE CURRICULUM AND SYLLABI OF I TO VIII SEMESTERS FOR THE UG (FT) DEGREE PROGRAMMES (CBCS) TO BE OFFERED IN UNIVERSITY DEPARTMENTS UNDER R-2019 WITH EFFECT FROM THE ACADEMIC YEAR 2019 – 2020 ONWARDS.

RESOLVED TO APPROVE the Curriculum and Syllabi of I to VIII semesters for the UG (FT) degree programmes (CBCS) to be offered in University Departments under R-2019 with effect from the Academic year 2019 – 2020 onwards.

1. [B.E. Electrical and Electronics Engineering](#)
2. [B.E. Electronics and Instrumentation Engineering](#)

FE25.02 TO CONSIDER AND APPROVE THE NEW CURRICULA AND SYLLABI UNDER CBCS FOR THE PG (FT/PT) DEGREE PROGRAMMES TO BE OFFERED IN UNIVERSITY DEPARTMENTS UNDER R-2019 WITH EFFECT FROM THE ACADEMIC YEAR 2019 – 2020 ONWARDS.

RESOLVED TO APPROVE the new Curricula and Syllabi under CBCS for the PG (FT/PT) degree programmes to be offered in University Departments under R-2019 with effect from the Academic year 2019 – 2020 onwards.

1. [M.E. Power Systems Engineering \(FT/PT\)](#)
2. [M.E. Power Electronics and Drives \(FT/PT\)](#)
3. [M.E. Embedded System Technologies \(FT/PT\)](#)
4. [M.E. High Voltage Engineering](#)
5. [M.E. Control and Instrumentation Engineering](#)
6. [M.E. Instrumentation Engineering](#)
7. [M.E. Power Engineering and Management](#)

FE25.03 TO CONSIDER AND APPROVE THE COMMON SYLLABI FOR ELECTRICAL RELATED SUBJECTS OF B.E./B.TECH. DEGREE PROGRAMMES UNDER R-2019, OFFERED BY THE UNIVERSITY DEPARTMENTS UNDER THE FACULTY OF ELECTRICAL ENGINEERING, ANNA UNIVERSITY, CHENNAI WITH EFFECT FROM THE ACADEMIC YEAR 2019 – 2020.

RESOLVED TO APPROVE the common Syllabi for Electrical related subjects of B.E./B.Tech. degree programmes under R-2019, offered by the University Departments under the Faculty of Electrical Engineering, Anna University, Chennai with effect from the Academic year 2019 – 2020.

**[Common Syllabus for Electrical Related Subjects of
B.E. / B.Tech. Degree Programmes under R - 2019](#)**

FE25.04 TO CONSIDER AND RATIFY THE PERMISSION GRANTED FOR THE SPECIAL ELECTIVE COURSES FOR Ph.D. / M.S. (BY RESEARCH) PROGRAMMES OFFERED IN 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 University Departments under the Faculty of Electrical Engineering, Anna University, Chennai.

FE9061 [Enhancement of Power Evacuation of Wind Energy Conversion System Using VSC MTDC Link](#)

AGENDA FROM FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING

FI25.01 TO CONSIDER AND APPROVE THE CURRICULUM AND SYLLABUS OF I TO VIII SEMESTERS FOR THE UG (FT) (CBCS) DEGREE PROGRAMMES TO BE OFFERED IN UNIVERSITY DEPARTMENTS UNDER R-2019 WITH EFFECT FROM THE ACADEMIC YEAR 2019 - 2020 ONWARDS.

RESOLVED TO APPROVE the Curriculum and Syllabus of I to VIII semesters for the UG (FT) (CBCS) degree programmes to be offered in University Departments under R-2019 with effect from the Academic year 2019 - 2020 onwards.

1. [B.Tech. Information Technology](#)
2. [B.E. Electronics and Communication Engineering](#)
3. [B.E. Biomedical Engineering](#)

FI25.02 TO CONSIDER AND APPROVE THE NEW CURRICULA AND SYLLABI FOR THE PG (FT/PT) (CBCS) DEGREE PROGRAMMES TO BE OFFERED IN UNIVERSITY DEPARTMENTS UNDER R-2019 WITH EFFECT FROM THE ACADEMIC YEAR 2019 - 2020 ONWARDS.

RESOLVED TO APPROVE the new Curricula and Syllabi for the PG (FT/PT) (CBCS) degree programmes to be offered in University Departments under R-2019 with effect from the Academic year 2019 - 2020 onwards.

1. [M.E. Computer Science and Engineering\(FT/PT\)](#)
2. [M.E. Software Engineering](#)
3. [M.E. Communication Systems](#)
4. [M.E. VLSI Design](#)
5. [M.E. Medical Electronics](#)
6. [M.Tech. Information Technology \(Specialization in Multimedia\)](#)
7. [M.E. Biomedical Engineering](#)
8. [M.E. Communication and Networking](#)
9. [M.E. Avionics](#)
10. [M.E. Applied Electronics](#)

11. [M.Tech. Information Technology\(FT/PT\)](#)
12. [M.Tech. Laser and Electro Optical Engineering](#)
13. [M.E. Computer Science and Engineering \(Specialization in Operations Research\)](#)
14. [M.E. Computer Science and Engineering \(Specialization in Big Data Analytics\)](#)
15. [M.C.A](#)
16. [M.E. Wireless Technologies \(FT/PT\)](#)
17. [M.E. VLSI Design and Embedded Systems\(FT/PT\)](#)

FI25.03 TO CONSIDER AND APPROVE THE SYLLABUS OF III – VIII SEMESTERS OF B.E.COMPUTER SCIENCE AND ENGINEERING (RUSA) TO BE OFFERED UNDER R-2018 BY THE UNIVERSITY DEPARTMENTS OF ANNA UNIVERSITY, CHENNAI UNDER THE FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING.

RESOLVED TO APPROVE the syllabus of III – VIII semesters of B.E. Computer Science and Engineering (RUSA) to be offered under R-2018 by the University Departments of Anna University, Chennai under the Faculty of Information and Communication Engineering.

[B.E. COMPUTER SCIENCE AND ENGINEERING \(RUSA\)](#)

FI25.04 TO CONSIDER AND APPROVE THE COURSE “CS7602 MACHINE LEARNING TECHNIQUES”, TO BE INCLUDED AS NEW PROFESSIONAL ELECTIVE COURSE IN THE CURRICULUM FOR B.TECH. INFORMATION TECHNOLOGY DEGREE PROGRAMME UNDER REGULATIONS 2015 (CBCS) OF UNIVERSITY DEPARTMENTS, ANNA UNIVERSITY, CHENNAI.

RESOLVED TO APPROVE the course “CS7602 Machine Learning Techniques”, to be included as new Professional Elective course in the curriculum for B.tech. Information Technology degree programme under Regulations 2015 (CBCS) of University Departments, Anna University, Chennai.

[CS7602 MACHINE LEARNING TECHNIQUES](#)

FI25.05 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. [FI 9107 Biomedical Text Mining](#)
2. [FI 9108 Next Generation Mobile Networks](#)

FI25.06 TO CONSIDER AND RATIFY THE AMENDMENT TO THE REGULATIONS OF THE B.E. COMPUTER SCIENCE AND ENGINEERING (RUSA) DEGREE PROGRAMME OFFERED IN UNIVERSITY DEPARTMENTS UNDER R-2018.

RESOLVED TO RATIFY the amendment to the Regulations of the B.E. Computer Science and Engineering (RUSA) degree programme offered in University Departments under R-2018.

[Annexure](#)

The Standing Committee suggested to modify the Passing Requirement of the B.E. Computer Science and Engineering - Regulations 2018 similar to other UG Programmes.

The Regulations 2018 incorporating Suggestions of the Standing Committee are given below:

[Annexure \(Revised\)](#)

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

FT25.01 TO CONSIDER AND APPROVE THE CURRICULUM AND SYLLABI OF I TO VIII SEMESTERS OF THE UG (FT) (CBCS) DEGREE PROGRAMMES TO BE OFFERED IN UNIVERSITY DEPARTMENTS UNDER R-2019 WITH EFFECT FROM THE ACADEMIC YEAR 2019 – 2020 ONWARDS.

RESOLVED TO APPROVE the Curriculum and Syllabi of I to VIII semesters of the UG (FT) (CBCS) degree programmes to be offered in University Departments under R-2019 with effect from the Academic year 2019 – 2020 onwards.

1. [B. Tech. Chemical Engineering](#)
2. [B. Tech. Food Technology](#)
3. [B. Tech. Pharmaceutical Technology](#)
4. [B. Tech. Industrial Bio-Technology](#)
5. [B. Tech. Rubber and Plastics Technology](#)
6. [B. Tech. Textile Technology](#)
7. [B. Tech. Apparel Technology](#)
8. [B. Tech. Leather Technology](#)
9. [B. Tech. Ceramic Technology](#)
10. [B.Tech. Petroleum Engineering and Technology](#)

FT25.02 TO CONSIDER AND APPROVE THE RENAMING OF THE M. TECH. FOOTWEAR SCIENCE AND ENGINEERING OFFERED BY THE DEPARTMENT OF LEATHER TECHNOLOGY AS M. TECH. FOOTWEAR ENGINEERING AND MANAGEMENT.

Request from the Department of Leather Technology for a change in the title of the M. Tech. course currently offered with the nomenclature “Footwear science and Engineering” to “**Footwear Engineering and Management**”.

RESOLVED TO APPROVE the renaming of the M. Tech. Footwear Science and Engineering offered by the department of Leather Technology as M. Tech. Footwear Engineering and Management.

FT25.03 TO CONSIDER AND APPROVE THE NEW CURRICULA AND SYLLABI OF I to IV SEMESTERS OF THE PG (FT) (CBCS) DEGREE PROGRAMMES TO BE OFFERED IN UNIVERSITY DEPARTMENTS UNDER R-2019 WITH EFFECT FROM THE ACADEMIC YEAR 2019 – 2020 ONWARDS.

RESOLVED TO APPROVE the new Curricula and Syllabi of I to IV semesters of the PG (FT) (CBCS) degree programmes to be offered in University Departments under R-2019 with effect from the Academic year 2019 – 2020 onwards.

1. [M.Tech. Chemical Engineering](#)
2. [M.Tech. Environmental Science and Technology](#)
3. [M.Tech. Petroleum Refining and Petrochemicals](#)
4. [M.Tech. Polymer Science and Engineering](#)
5. [M.Tech. Rubber Technology](#)
6. [M.Tech. Biotechnology](#)
7. [M.Tech. Biopharmaceutical Technology](#)
8. [M.Tech. Computational Biology](#)
9. [M.Tech. Leather Technology](#)
10. [M.Tech. Footwear Engineering and Management](#)
11. [M.Tech. Food Technology](#)
12. [M.Tech. Industrial Safety and Hazards Management](#)
13. [M.Tech. Nanoscience and Technology](#)
14. [M.Tech. Textile Technology](#)
15. [M.Tech. Ceramic Technology](#)

FT25.04 TO CONSIDER AND RATIFY THE ADDITION OF THE FOLLOWING PROFESSIONAL ELECTIVE COURSES INCLUDED IN THE PROFESSIONAL ELECTIVE LIST OF THE B.TECH TEXTILE TECHNOLOGY AND B.TECH APPAREL TECHNOLOGY PROGRAMMES UNDER R-2015 (CBCS).

RESOLVED TO RATIFY the addition of the following Professional Elective courses included in the Professional Elective list of the B.Tech Textile Technology and B.Tech Apparel Technology programmes under R-2015 (CBCS).

1. [TT 7014 – Enterprise Resource Planning for Textile Industry](#)
2. [AT 7008 – Enterprise Resource Planning for Apparel Industry](#)

II. ITEMS PERTAINING TO AFFILIATED INSTITUTIONS

FT25.05 TO CONSIDER AND RATIFY THE REVISED CURRICULA FOR THE B. TECH. FASHION TECHNOLOGY PROGRAMMES OFFERED IN AFFILIATED INSTITUTIONS UNDER R-2017(CBCS).

RESOLVED TO RATIFY the revised Curricula for the B. Tech. Fashion Technology programmes offered in affiliated institutions under R-2017(CBCS).

[B. Tech. Fashion Technology](#)

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

FS25.01 TO CONSIDER AND APPROVE THE SYLLABI FOR THE FOLLOWING COURSES OF THE B.E. / B.TECH. (FULL-TIME) PROGRAMMES TO BE OFFERED IN THE UNIVERSITY DEPARTMENTS UNDER REGULATIONS 2019.

RESOLVED TO APPROVE the Syllabi for the following courses of the B.E. / B.Tech. (Full-Time) programmes to be offered in the University Departments under Regulations 2019.

1. [English](#)
2. **Mathematics – [UG](#) & [PG](#)**
3. [Physics](#)
4. [Chemistry](#)

FS25.02 TO CONSIDER AND APPROVE THE NEW CURRICULA AND SYLLABI FOR THE 2-YEAR M.Sc (CBCS) DEGREE PROGRAMMES TO BE OFFERED IN UNIVERSITY DEPARTMENTS UNDER R-2019 WITH EFFECT FROM THE ACADEMIC YEAR 2019 – 2020 ONWARDS.

RESOLVED TO APPROVE the new Curricula and Syllabi for the 2-year M.Sc (CBCS) degree programmes to be offered in University Departments under R-2019 with effect from the Academic year 2019 – 2020 onwards.

1. [M.Sc. Mathematics](#)
2. [M.Sc. Materials Science](#)
3. [M.Sc. Medical Physics](#)
4. [M.Sc. Applied Chemistry](#)
5. [M.Sc. Applied Geology](#)
6. [M.Sc. Electronic Media](#)

FS25.03 TO CONSIDER AND APPROVE THE NEW CURRICULA AND SYLLABI FOR THE 5-YEAR INTEGRATED M.Sc (CBCS) DEGREE PROGRAMMES TO BE OFFERED IN UNIVERSITY DEPARTMENTS UNDER R-2019 WITH EFFECT FROM THE ACADEMIC YEAR 2019 – 2020 ONWARDS.

RESOLVED TO APPROVE the new Curricula and Syllabi for the 5-year integrated M.Sc (CBCS) degree programmes to be offered in University Departments under R-2019 with effect from the Academic year 2019 – 2020 onwards.

1. [M.Sc. Computer Science \(5 years\)](#)
2. [M.Sc. Information Technology \(5 years\)](#)
3. [M.Sc. Electronic Media \(5 years\)](#)

FS25.04 TO CONSIDER AND APPROVE THE RENAMING OF M.Phil MEDICAL PHYSICS COURSE AS M.Phil APPLIED PHYSICS OFFERED IN UNIVERSITY DEPARTMENT.

It is to inform that M. Phil Medical Physics programme is to be renamed as M. Phil Applied Physics. The Curriculum has been framed to attract the general physics students aspiring to pursue research in the field of Photonics, Radiation Physics, Energy and Environment. In this regard necessary approval has been obtained from the Vice-Chancellor.

RESOLVED TO APPROVE the renaming of M.Phil Medical Physics course as M.Phil Applied Physics offered in University Department.

FS25.05 TO CONSIDER AND APPROVE THE NEW CURRICULA AND SYLLABI FOR THE M. Phil (CBCS) DEGREE PROGRAMMES TO BE OFFERED IN UNIVERSITY DEPARTMENTS UNDER R-2019 WITH EFFECT FROM THE ACADEMIC YEAR 2019 – 2020 ONWARDS.

RESOLVED TO APPROVE the new Curricula and Syllabi for the M. Phil (CBCS) degree programmes to be offered in University Departments under R-2019 with effect from the Academic year 2019 – 2020 onwards.

1. [M.Phil. English](#)
2. [M.Phil. Mathematics](#)

3. [M.Phil. Physics](#)
4. [M.Phil. Chemistry](#)
5. [M.Phil. Applied Physics](#)
6. [M.Phil. Crystal Science](#)

FS25.06 TO CONSIDER AND APPROVE THE OPEN ELECTIVE COURSES FOR B.E. COMPUTER SCIENCE AND ENGINEERING (RUSA) PROGRAMMES UNDER R-2018 OFFERED IN THE UNIVERSITY DEPARTMENTS UNDER THE FACULTY OF SCIENCE AND HUMANITIES, ANNA UNIVERSITY, CHENNAI.

RESOLVED TO APPROVE the Open Elective courses for B.E. Computer Science and Engineering (RUSA) programmes under R-2018 offered in the University Departments under the Faculty of Science and Humanities, Anna University, Chennai.

[English – Open Elective \(RUSA\)](#)

FS25.07 TO CONSIDER AND APPROVE THE HUMANITIES, SOCIAL SCIENCE INCLUDING MANAGEMENT COURSES (HSMC) SYLLABI FOR THE FOLLOWING COURSES OF THE B.E. / B.TECH. (FULL-TIME) PROGRAMMES UNDER R-2019 OFFERED IN THE UNIVERSITY DEPARTMENTS UNDER THE FACULTY OF SCIENCE AND HUMANITIES, ANNA UNIVERSITY, CHENNAI.

RESOLVED TO APPROVE the Humanities, Social Science Including Management Courses (HSMC) Syllabi for the following courses of the B.E. / B.Tech. (Full-Time) programmes under R-2019 offered in the University Departments under the Faculty of Science and Humanities, Anna University, Chennai.

[English - HSMC](#)

FS25.08 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.

[FS9015 Television on Demand](#)

II. ITEMS PERTAINING TO AFFILIATED INSTITUTIONS

FS25.09 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 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 Affiliated Institutions under the Faculty of Science and Humanities, Anna University, Chennai.

1. SSH005 **[History and use of Myths in Indian Writing in English](#)**
2. SSH006 **[Critical Approaches to the Study of Myths in Indian Writing in English](#)**

AGENDA FROM FACULTY OF ARCHITECTURE AND PLANNING

FA25.01 TO CONSIDER AND APPROVE THE CURRICULUM AND SYLLABI OF I TO X SEMESTERS FOR THE B.ARCH. DEGREE PROGRAMMES (CBCS) TO BE OFFERED IN UNIVERSITY DEPARTMENTS UNDER R-2019 WITH EFFECT FROM THE ACADEMIC YEAR 2019 – 2020 ONWARDS.

RESOLVED TO APPROVE the Curriculum and Syllabi of I to X semesters for the B.Arch. Degree programmes (CBCS) to be offered in University Departments under R-2019 with effect from the academic year 2019 – 2020 onwards.

[B. Arch.](#)

FA25.02 TO CONSIDER AND APPROVE THE NEW CURRICULA AND SYLLABI OF I TO IV SEMESTERS FOR THE M. Arch. / M. Plan. (FT) (CBCS) DEGREE PROGRAMMES TO BE OFFERED IN UNIVERSITY DEPARTMENTS UNDER R-2019 WITH EFFECT FROM THE ACADEMIC YEAR 2019 – 2020 ONWARDS.

RESOLVED TO APPROVE the new Curricula and Syllabi of I to IV semesters for the M. Arch. / M. Plan. (FT) (CBCS) degree programmes to be offered in University Departments under R-2019 with effect from the Academic year 2019 – 2020 onwards.

1. **[M.Arch. General](#)**
2. **[M.Arch. Landscape Architecture](#)**
3. **[M.Plan.](#)**

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

FN25.01 TO CONSIDER AND APPROVE THE NEW CURRICULA AND SYLLABI OF I TO IV SEMESTERS FOR THE PG (FT) (CBCS) DEGREE PROGRAMME TO BE OFFERED IN UNIVERSITY DEPARTMENTS UNDER R-2019 WITH EFFECT FROM THE ACADEMIC YEAR 2019 - 2020 ONWARDS.

RESOLVED TO APPROVE the new Curricula and Syllabi of I to IV semesters for the PG (FT) (CBCS) degree programme to be offered in University Departments under R-2019 with effect from the Academic year 2019 - 2020 onwards.

1. [M.B.A. \(FT\)](#)
2. [M.B.A. Tourism Management](#)

FN25.02 TO CONSIDER AND APPROVE THE CURRICULA AND SYLLABI OF I TO VI SEMESTERS FOR THE PG (PT) (CBCS) DEGREE PROGRAMME TO BE OFFERED IN UNIVERSITY DEPARTMENTS UNDER R-2019 WITH EFFECT FROM THE ACADEMIC YEAR 2019 - 2020 ONWARDS.

RESOLVED TO APPROVE the Curricula and Syllabi of I to VI semesters for the PG (PT) (CBCS) degree programme to be offered in University Departments under R-2019 with effect from the Academic year 2019 - 2020 onwards.

[M.B.A. \(PT\)](#)

FN25.03 TO CONSIDER AND APPROVE THE NEW REGULATIONS 2019 FOR M.B.A PROGRAMME WITH SPECIALIZATION IN BUSINESS ANALYTICS TO BE OFFERED IN ONLINE MODE UNDER R-2019 AT ANNA UNIVERSITY WITH EFFECT FROM THE ACADEMIC YEAR 2019 - 2020 ONWARDS.

RESOLVED TO APPROVE the new Regulations 2019 for M.B.A programme with specialization in Business Analytics to be offered in online mode under R-2019 at Anna University with effect from the Academic year 2019 - 2020 onwards.

[Regulations 2019 - Online Mode](#)

FN25.04 TO CONSIDER AND APPROVE THE CURRICULA AND SYLLABI FOR THE M.B.A PROGRAMME WITH SPECIALIZATION IN BUSINESS ANALYTICS TO BE OFFERED IN ONLINE MODE UNDER R-2019 AT ANNA UNIVERSITY WITH EFFECT FROM THE ACADEMIC YEAR 2019 - 2020 ONWARDS.

RESOLVED TO APPROVE the Curricula and Syllabi for the M.B.A programme with specialization in Business Analytics to be offered in online mode under R-2019 at Anna University with effect from the Academic year 2019 - 2020 onwards.

MBA PROGRAMME

specialisation in business analytics

II. ITEMS PERTAINING TO AFFILIATED INSTITUTIONS

FN25.05 TO CONSIDER AND APPROVE THE CURRICULA AND SYLLABI OF VII TO X SEMESTERS FOR THE MBA (INTEGRATED) - 5 YEARS DEGREE PROGRAMME TO BE OFFERED IN AFFILIATED INSTITUTIONS UNDER REGULATIONS 2015.

RESOLVED TO APPROVE the Curricula and Syllabi of VII to X semesters for the MBA (Integrated) - 5 years degree programme to be offered in Affiliated Institutions under Regulations 2015.

MBA (INTEGRATED) - 5 YEARS - Syllabi

FN25.06 TO INFORM AND RATIFY THE CURRICULUM CHANGE IN VII TO X SEMESTERS FOR THE MBA (INTEGRATED) - 5 YEARS DEGREE PROGRAMME TO BE OFFERED IN AFFILIATED INSTITUTIONS UNDER REGULATIONS 2015.

RESOLVED TO RATIFY the Curriculum change in VII to X semesters for the MBA (Integrated) - 5 years degree programme to be offered in Affiliated Institutions under Regulations 2015.

MBA (INTEGRATED) - 5 YEARS - Curriculum

AGENDA FROM RESEARCH BOARD

- FR25.01 TO CONFIRM THE MINUTES OF THE THIRTIETH MEETING OF THE RESEARCH BOARD HELD ON 23.11.2017.**

RESOLVED to confirm the minutes of the 30th Meeting of the Research Board held on 23.11.2017.

- FR25.02 TO INFORM THE ADMISSION OF CANDIDATES FOR Ph.D./M.S.(By RESEARCH) PROGRAMME DURING JANUARY 2018 SESSION.**

RESOLVED to note as given in agenda.

- FR25.03 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- 65) .

FURTHER RESOLVED that extension beyond 7 ¹/₂ years will be given, if the candidate submits the synopsis and draft of the thesis, after obtaining the endorsement from the Faculty Chairpersons.

- FR25.04 TO INFORM THE APPROVAL GIVEN FOR SUPERVISOR RECOGNITION**

RESOLVED to note as given in agenda **Annexure – II** (A2 – 1 to A2 -36).

FURTHER RESOLVED that due diligence need to be exercised in permitting Faculty to be Ph.D. Research Supervisor.

- FR25.05 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 A3-2).

FURTHER RESOLVED that the Inspection Committee should thoroughly and rigorously verify the infrastructure facilities and expertise of the approved supervisors to undertake the research work.

FR25.06 TO CONSIDER AND APPROVE THE SELECTION OF CANDIDATES FOR ADMISSION TO Ph.D./M.S. (By RESEARCH) PROGRAMMES FOR JULY 2018 SESSION.

RESOLVED to note that the written test for eligible candidates was conducted by the Centre for Entrance Examinations, Anna University on 29.04.2018 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 A4-3).

RESOLVED to note the list of absentees and rejected candidates are given in agenda **Annexure-V** (Page No.A5-1 to A5-5).

RESOLVED to fix the cut off marks for the selection of Ph.D. and M.S.(By Research) candidates for July 2018 as 60%, 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 2018 or January 2019 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.

FR25.07 TO CONSIDER AND APPROVE THE ISSUE OF TRANSFER CERTIFICATE TO THE RESEARCH SCHOLARS ADMITTED PRIOR TO JANUARY 2014.

RESOLVED to issue the new Transfer Certificate note as given in agenda.

FR25.08 TO CONSIDER AND RATIFY THE JOURNALS REMOVAL FROM THE LIST:

RESOLVED to ratify and approve the Journals removed from the list.

FR25.09 TO CONFIRM THE MINUTES OF THE THIRTY FIRST MEETING OF THE RESEARCH BOARD HELD ON 24.05.2018.

RESOLVED to confirm the minutes of the 31st Meeting of the Research Board held on 24.05.2018.

FR25.10 TO INFORM THE ADMISSION OF CANDIDATES FOR Ph.D./M.S.(By RESEARCH) PROGRAMME DURING JULY 2018 SESSION.

RESOLVED to note as given in agenda.

FR25.11 TO INFORM THE ADMISSION OF Ph.D. SCHOLARS UNDER QIP SCHEME OF AICTE IN JULY 2018 SESSION:

RESOLVED to note that the following Quality Improvement Programme (QIP) Scholars completed their pre-registration during 2017 – 2018 and all were admitted to Ph.D. programme during July 2018.

[ANNEXURE I – 32nd RB](#)

FR25.12 TO INFORM THE ADMISSION OF Ph.D. SCHOLARS UNDER NDF SCHEME OF AICTE IN JULY 2018 SESSION:

RESOLVED to note that the candidates have been selected under AICTE sponsored National Doctoral Fellowship (NDF) Scheme for the year 2018 – 2019 by the nodal centres identified by AICTE. The following candidates were admitted to Ph.D. Programme in July 2018 session on Full Time basis under NDF Scheme at nodal centres as mentioned below.

[ANNEXURE II – 32nd RB](#)

FR25.13 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- 55)

FR25.14 TO INFORM THE APPROVAL GIVEN FOR SUPERVISOR RECOGNITION.

RESOLVED to note as given in agenda **Annexure – II** (A2 - 1 to A2 - 8).

FR25.15 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 A3-2).

FURTHER RESOLVED the board members suggested to enhance the quality of verification of the centres recognition.

FR25.16 TO CONSIDER AND APPROVE THE FULL TIME Ph.D. CANDIDATES WHO HAVE BEEN SELECTED FOR THE AWARD OF ANNA CENTENARY RESEARCH FELLOWSHIP – 2019 FOR VARIOUS DEPARTMENTS AND CENTRES

RESOLVED to note the list of selected candidates as per merit for the Anna Centenary Research Fellowships – 2019 under various Departments and Centres would to be released, based on the completion of January 2019 session admission.

FR25.17 TO CONSIDER AND APPROVE THE SELECTION OF CANDIDATES FOR ADMISSION TO Ph.D. PROGRAMME FOR JANUARY 2019 SESSION

RESOLVED to note that the written test for eligible candidates was conducted by the Centre for Entrance Examinations, Anna University on 21.10.2018 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 are 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. candidates for January 2019 admission as 60%, after perusing the marks

obtained by the candidates. The recommended candidates shall be admitted to Ph.D. programme after verification of the original certificates and payment of necessary fees either in January 2019 or July 2019 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.

FR25.18 MATTERS FOR DISCUSSION

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

It is proposed to amend the following Ph.D. regulations 2015.

ANNEXURE III – 32nd RB

FURTHER RESOLVED the Board suggested to constitute a Regulation Revision Committee.

FR25.19 ANY OTHER ITEM TO BE DISCUSSED WITH THE CONCURRENCE OF THE CHAIRMAN

25.19.1 RESUBMISSION OF SYNOPSIS

Research scholars submit their synopsis to the centre along with the published papers to get approval for final thesis submission. As part of the scrutiny process, the plagiarism content of both the published paper and synopsis will be checked by the expert committee. If the plagiarism content of the paper is beyond the permitted limit, the scholar is advised to resubmit the synopsis either by withdrawing some of his/her own papers to eliminate plagiarism or by publishing another paper. It is **RESOLVED** that the scholars shall be permitted to resubmit the synopsis **only once** within the maximum duration of their Ph.D. programme.

25.19.2 ACRF SCHOLAR IN ON DUTY - ELIGIBLE FOR STIPEND

Some of the Research Scholars of the centre are eligible for the prestigious Anna Centenary Research Fellowship (ACRF) based on their performance at the initial selection process. It is **RESOLVED** that scholars are eligible to avail the stipend during their absence from the University on "on-duty" basis to attend conference or to carry out research in other Institution subject to maximum of 15 days per year.

25.19.3 NOC TO FACULTY MEMBERS:

The present practice of Anna University is that the faculty members of Engineering and Technology branches of University Departments and affiliated colleges of University are permitted to pursue their Ph.D. only within Anna University on part time basis. It is **RESOLVED** that the faculty members can pursue their Ph.D. programme in other Reputed Government Institutions on part time basis.

25.19.4 INSTITUTE RECOGNITION

The centre recognise various departments of affiliated colleges and research institutions (both private and public) located in Tamilnadu as extended research institutions of Anna University. Departments of affiliated colleges are entitled for 3 years of affiliation and public funded research institutions are entitled for 5 years of affiliation. It is **RESOLVED** that the private funding research institutions are granted 3 years of affiliation.

25.19.5 DC PANEL MEMBERS

The Faculty Chairperson meeting held at Centre for Research on 29.08.2018 has suggested the following criteria in the selection of Doctoral Committee members. It is submitted to the Research Board for discussion and approval.

MINUTES OF THE MEETING OF FACULTY CHAIRPERSONS

A meeting of the Faculty Chairpersons was held on 29.08.2018 at 3.00 pm at the Director's Chamber, Centre for Research and discussed the matter.

The committee clarified about the Panel of Doctoral Committee members that :

(a) The supervisors shall nominate 6 Doctoral Committee members, out of which two shall be from other institutions as follows:

(i) University Departments: Two or more members should not belong to the same Department/Division/Centre.

(ii) Constituent Colleges / Affiliated Colleges / Other Universities and Other Institutions: Two or more members should not belong to the same Institution.

(b) The panel members may be in the cadre of Assistant Professors / Associate Professors / Professors.

(c) The panel members should be in the area specialized / experts.

(d) Last 5 years' publications in the referred Journals with ISSN number relevant to the research area of the panel members should be enclosed along with Doctoral Committee Panel.

25.19.6 SUBMISSION OF SYNOPSIS & A5 COPY OF THE THESIS

The Ph.D. scholars of the Centre for Research submit their synopsis with a published / accepted paper out of their research work. It is submitted to the Research Board for discussion that the scholars should be permitted to submit their synopsis either with a published paper or with an acceptance of paper with DOI number.

All the research scholars submit their final corrected thesis in the A5 size as hard copy to the Centre, which in turn will be transmitted to the Central Library of the University. Now, the Library is accepting only the soft copy of the A5 size thesis. Hence, it is submitted to the Research Board for discussion and it is **RESOLVED** that the scholars need not submit the printed form (hard copy) of the A5 size thesis and scholars should be permitted to submit only the soft copy (electronic version) of the A5 size thesis.

25.19.7 CONFLICT OF INTEREST

It is noted that some of the research scholars are occupying the higher administrative positions of Anna University which leads to a situation of conflict of interest. It is submitted to the Research Board for discussion and it is **RESOLVED** that the scholars should take a break of study for the period of their tenure of occupying administrative positions of University.

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 efforts may be made to introduce M.Tech. (5 years integrated) degree programme for University Departments.

RESOLVED TO NOTE that the necessary steps shall be taken to introduce the M.Tech. (5 years integrated) degree programme in the University Departments.

- Members suggested that to include Artificial Intelligence and Data Analytics in all UG and PG programmes.

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

TABLE ITEMS

VC 25.10 TO CONSIDER AND APPROVE THE PROPOSAL FOR TEMPORARY SUSPENSION OF UG AND PG PROGRAMMES OF 1. B. E. CIVIL ENGINEERING (PART TIME), 2. M. E. ENVIRONMENTAL MANAGEMENT (PART TIME), 3. M.TECH. COASTAL MANAGEMENT AND 4. M. E. REMOTE SENSING AND GEOMATICS (SS) OFFERED IN THE DEPARTMENT OF CIVIL ENGINEERING, COLLEGE OF ENGINEERING (CEG CAMPUS) FROM THE ACADEMIC YEAR 2019 – 2020.

It is to inform that the department of Civil Engineering has decided to temporarily suspend the self - supporting programme of UG and PG programmes of 1. B. E. Civil Engineering (Part Time), 2. M. E. Environmental Management (Part Time), 3. M.Tech. Coastal Management and 4. M.E. Remote Sensing and Geomatics (SS) offered in the department of Civil Engineering. In this regard necessary approval has been obtained from the Vice-Chancellor.

RESOLVED TO APPROVE the proposal for Temporary suspension of UG and PG programmes of 1. B. E. Civil Engineering (Part Time), 2. M. E. Environmental Management (Part Time), 3. M.Tech. Coastal Management and 4. M. E. Remote Sensing and Geomatics (SS) offered in the department of Civil Engineering, College of Engineering (CEG campus) from the Academic year 2019 – 2020.

VC 25.11 TO CONSIDER AND APPROVE THE REDUCTION OF STUDENTS INTAKE FOR UG AND PG PROGRAMMES UNDER THE FACULTY OF CIVIL ENGINEERING OFFERED IN UNIVERSITY DEPARTMENT WITH EFFECT FROM THE ACADEMIC YEAR 2019 – 2020 ONWARDS.

It is to inform that the department of Civil Engineering has decided to reduce the students' intake for UG and PG programmes. In this regard necessary approval has been obtained from the Vice-Chancellor.

RESOLVED TO APPROVE the reduction of students' intake for UG and PG programmes under the Faculty of Civil Engineering offered in University Department with effect from the Academic year 2019 – 2020 onwards.

ANNEXURE – VI

VC 25.12 TO CONSIDER AND APPROVE THE REDUCTION OF STUDENTS INTAKE FOR MBA-TOURISM MANAGEMENT (FT) (SS) PROGRAMMES UNDER THE DEPARTMENT OF MANAGEMENT STUDIES OFFERED IN UNIVERSITY DEPARTMENT WITH EFFECT FROM THE ACADEMIC YEAR 2019 – 2020 ONWARDS.

It is to inform that the department of Management Studies has decided to reduce the students' intake for MBA -Tourism Management (FT) (SS) programme. In this regard necessary approval has been obtained from the Vice-Chancellor.

RESOLVED TO APPROVE the reduction of students' intake for MBA-Tourism Management (FT) (SS) programmes under the department of Management Studies offered in University Department with effect from the academic year 2019 – 2020 onwards.

ANNEXURE – VII

VC 25.13 TO CONSIDER AND APPROVE THE STARTING OF B.VOC COURSES IN THE AFFILIATED COLLEGES / AUTONOMOUS INSTITUTIONS FOLLOWING THE CURRICULUM PRESCRIBED BY THE AICTE, NEW DELHI, WITH EFFECT FROM THE ACADEMIC YEAR 2019 – 2020 ONWARDS.

RESOLVED to reject the proposal of introducing B.Voc. courses in Anna University.

B.VOC PROCEDURE

FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING

FI25.07 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.


FI 9109 5G Wireless Networks

FACULTY OF ELECTRICAL ENGINEERING

FE25.05 TO CONSIDER AND RATIFY THE PERMISSION GRANTED FOR THE SPECIAL ELECTIVE COURSES FOR Ph.D. / M.S. (BY RESEARCH) PROGRAMMES OFFERED IN 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 University Departments under the Faculty of Electrical Engineering, Anna University, Chennai.

FE9062 Model Predictive Control and Real Time Optimization


06/05/19
**REGISTRAR & SECRETARY
OF THE
ACADEMIC COUNCIL**


4/5/19