



CHENNAI – INDIA

## ANNA UNIVERSITY : : CHENNAI – 600 025

### THE MINUTES OF THE 28<sup>TH</sup> MEETING OF THE ACADEMIC COUNCIL

**MINUTES OF THE 28<sup>th</sup> MEETING OF THE ACADEMIC COUNCIL  
HELD ON 12.08.2022 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. Murugasan          | Chairperson, 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. D. Arivudainambi      | The Director, 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 Principal i/c, Government College of Engineering, Bodinayakkanur, Theni – 625 513.                     |
| 15 | Dr. K. Prakasan           | The Principal, PSG College of Technology, Avinashi Road, Coimbatore – 641 004.                             |
| 16 | Dr. K. Manonmani          | The Principal, Government College of Engineering, Tirunelveli, Perumalpuram – 627 007.                     |





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| 17 | Dr. M. Nataraj           | The Principal, Government College of Engineering, Thanjavur, Sengipatti, Tiruchirappalli – 620 012.                                        |
| 18 | Dr V.M. Shanthi          | The Principal, Government College of Engineering, Srirangam, Sethurapatti, Thanjavur – 613 402.                                            |
| 19 | Dr.V. Sumathy            | The Principal, Government College of Engineering, Settikarai, Dharmapuri – 635 704.                                                        |
| 20 | Dr.P.Thamarai            | The Principal, Government College of Technology, Coimbatore, Thadagam Road, Coimbatore – 641 013.                                          |
| 21 | Dr.P.K.Palani            | The Principal, Alagappa Chettiar Government College of Engineering and Technology, Karaikudi - 630 003.                                    |
| 22 | Dr. B.V. Mudgal          | Professor (Retired), Near Ashok Circle, Ginigera, Karnataka, Koppal – 583 231.                                                             |
| 23 | Dr. G. Nagarajan         | Professor and Head, Department of Mining Engineering, Anna University, Chennai – 25.                                                       |
| 24 | Dr. P. Vanaja Ranjan     | Professor, Department of Electrical and Electronics Engineering, Anna University, Chennai – 25.                                            |
| 25 | Dr. V. R. Giridev        | Professor and Head, Department of Textile Technology, Anna University, Chennai – 25.                                                       |
| 26 | Dr. Vaddi Seshagiri Rao  | The Principal, St. Joseph's College of Engineering, Old Mahabalipuram Road (OMR), Chennai – 600 119.                                       |
| 27 | Dr.D. Vasudevan          | The Principal, PSNA College of Engineering and Technology, Kothandaraman Nagar, Dindigul – 624 622.                                        |
| 28 | Dr. K. Palanikumar       | The Principal, Sri Sai Ram Institute of Technology, Sai Leo Nagar, West Tambaram, Chennai – 600 044.                                       |
| 29 | Dr. R. John Oral Bhaskar | The Principal, Kings Engineering College, Sriperumpudur Taluk, Kancheepuram.                                                               |
| 30 | Dr. K. Elangovan         | The Principal, Dhanalakshmi Srinivasan Engineering College, Thuraiyur Road, Perambalur District – 621 212.                                 |
| 31 | Dr.S.U. Prabha           | The Principal, Dr.NGP Institute of Technology, Kalapati Road, Coimbatore District – 641 035.                                               |
| 32 | Dr. K. Bommanana Raja    | The Principal, Excel Engineering College, Pallakkapalayam, Sankarai West Post, Namakkal District                                           |
| 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, 93 <sup>rd</sup> street, 21 <sup>st</sup> Avenue, Ashok Nagar, Ch – 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, Ch - 32.                   |
| 39 | Thiru B.Pannerselvam     | Chief General Manager (Technical), Chennai Petroleum Corporation Limited, (CPCL), 536, Anna Salai, Teynampet, Chennai – 600 018.           |





- 40 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
- 41 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.
- 42 Dr. N. Ramesh Babu Professor, Department of Mechanical Engineering, Indian Institute of Technology Madras, Chennai – 600 036.

### Special Invitees

- 43 The Dean CEG Campus, Anna University, Chennai - 25.
- 44 The Dean ACT Campus, Anna University, Chennai - 25.
- 45 The Dean MIT Campus, Anna University, Chennai - 44.
- 46 The Dean SAP Campus, Anna University, Chennai - 44.
- 47 The Controller of Examinations Anna University, Chennai - 600 025.
- 48 The Additional Controller of Examinations (UDs) Anna University, Chennai - 600 025.
- 49 The Director Centre for Research, Anna University, Chennai – 25.
- 50 The Director Centre for Distance Education, Anna University, Ch – 25.
- 51 The Director Centre for Affiliation of Institutions, Anna University, Ch – 25.
- 52 The Director Centre for Academic Courses, Anna University, Ch – 25.
- 53 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 welcomed the members of Committee. He highlighted the salient points which are to be taken up in the Academic Council Meeting. He explained the different steps taken by the University for the revision of curriculum and syllabi of Regulation 2021 for the higher semesters of UG degree programmes through the conduct of a brainstorm meeting with experts





majorly from industries. He said that 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 the appropriate skills to take up challenging positions in industry, besides the knowledge given for higher studies and research. He also introduced the agenda on the draft statutes of the academic activities of the university and highlighted the important aspects of the draft statutes pertaining to the University Departments, the Non-autonomous colleges affiliated to Anna University and also the amendments made to the statutes of Autonomous colleges affiliated to Anna University. Further, the Vice-chancellor detailed the significant aspects of how the relative grading and uniform evaluation method have been evolved for passing the results with a uniform approach for all the students studying in the University departments, Non-autonomous and autonomous colleges affiliated to Anna University. Finally, he dwelt upon the Table Agenda items introduced for the consideration of the Academic Council.

Following the address of the Vice-Chancellor, the Director, Centre for Academic Courses moved the agenda items on behalf of the Vice-Chancellor. This was followed by moving the agenda items related to different Faculties of Engineering, Technology, Architecture, Science and Humanities and Management by the respective Faculty Chairpersons. All the items were deliberated in detail and following decisions have been taken.

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

**VC 28.01 TO NOTE THE APPROVAL GIVEN BY THE SYNDICATE TO THE MINUTES OF THE 27<sup>th</sup> MEETING OF THE ACADEMIC COUNCIL HELD ON 12.10.2021.**

The Minutes of the 27<sup>th</sup> Meeting of the Academic Council Held on 12.10.2021 was approved by the Syndicate in its meeting held on 28.02.2022.

The approval of the Minutes of the 27<sup>th</sup> Academic Council meeting by the Syndicate is noted.

**Annexure 28.01 - Minutes of 27<sup>th</sup> Academic Council**





I. UNIVERSITY DEPARTMENTS, NON-AUTONOMOUS AND AUTONOMOUS COLLEGES AFFILIATED TO ANNA UNIVERSITY

**VC 28.02 TO CONSIDER AND RATIFY THE INTRODUCTION OF RELATIVE GRADING SYSTEM AND UNIFORM EVALUATION METHOD FOR STUDENTS WHO JOINED FROM THE ACADEMIC YEAR 2021 – 2022 ONWARDS.**

The 27<sup>th</sup> academic council had decided to evolve and implement a relative grading and uniform evaluation method for University Departments, Non-autonomous and Autonomous affiliated colleges.

**RESOLVED TO RATIFY** the implementation of relative grading and uniform evaluation method with the following amendments

- For the Project Work / Internship and laboratory courses absolute grading shall be followed.
- The letter grade RA shall be replaced by U for the reappearance in the course.
- The letter grade W shall be replaced by WD for withdrawal from appearance in the examination.

**Annexure 28.02 – Relative Grading**

**VC 28.03 TO CONSIDER AND APPROVE THE STARTING OF THE FOLLOWING NEW UG AND PG DEGREE PROGRAMMES TO BE OFFERED IN UNIVERSITY DEPARTMENTS, NON - AUTONOMOUS COLLEGES AND AUTONOMOUS COLLEGES AFFILIATED TO ANNA UNIVERSITY WITH EFFECT FROM THE ACADEMIC YEAR 2022 – 2023 ONWARDS.**

**RESOLVED TO APPROVE** the starting of the following new UG and PG degree programmes to be offered in University Departments, Non - Autonomous colleges and Autonomous Colleges Affiliated to Anna University with effect from the Academic year 2022 – 2023 onwards.

**Annexure 28.03 – 1. University Departments**

**2. Non-Autonomous Colleges Affiliated to**

**Anna University**

**3. Autonomous Colleges**





**VC 28.04 TO CONSIDER AND APPROVE THE STARTING OF THE FOLLOWING NEW PG DEGREE PROGRAMMES TO BE OFFERED IN UNIVERSITY DEPARTMENTS WITH EFFECT FROM THE ACADEMIC YEAR 2023 – 2024 ONWARDS.**

**RESOLVED TO APPROVE** the starting of the following new PG degree programmes to be offered in University Departments with effect from the Academic year 2023 – 2024 onwards.

**Annexure 28.04 – University Departments**

**VC 28.05 TO CONSIDER AND APPROVE CERTAIN AMENDMENTS MADE TO THE STATUTES AND REGULATIONS OF AUTONOMOUS INSTITUTIONS AND FRAMING OF STATUTES FOR UNIVERSITY DEPARTMENTS AND NON-AUTONOMOUS COLLEGES AFFILIATED TO ANNA UNIVERSITY.**

**RESOLVED TO APPROVE** certain amendments made to the statutes and regulations of Autonomous institutions and framing of statutes for University Departments and Non-Autonomous colleges Affiliated to Anna university alongwith the following recommendations made by the members of the Academic Council.

**Recommendations of Academic Council on Statutes**

**1. Composition of the Board of Studies for University Departments (Clause 3 (c))**

- iv) One representative of ACOE (UDs) shall attend the BoS meetings as a special invitee.
- vi) Members from Affiliated Colleges / Government Colleges and R&D / Central Institutions.

**2. Statutes for the Autonomous Colleges (Clause 2):**

**Criteria for the grant of Autonomy:**

Following sub-clauses shall be added to the criteria of Statutes of Autonomous colleges (Fresh and Extension)

- i) The faculty cadre ratio shall be maintained as per the norms laid down by AICTE / UGC / COA / DGS, as the case may be, for a minimum 80% of the programmes offered. The faculty members (including the Principal) should possess the qualifications and experience prescribed for the respective posts as per AICTE / UGC / COA / DGS and such other apex





bodies regulations. This comes into effect from the Academic year 2023 - 2024 onwards.

However, for those programmes where there is objective shortage of teaching faculty with due qualifications, there alone this norm may be relaxed.

- j) The colleges which are already granted autonomy and where one batch of students have successfully passed out also shall maintain cadre ratio as mentioned above for all the UG and PG programmes.

**Annexure 28.05 - Statutes - University Departments and Non- Autonomous Colleges**  
**Statues and Regulations - Autonomous Colleges**

**VC 28.06 TO CONSIDER AND APPROVE THE B.E. / B.TECH. HONOURS IN THE SAME DISCIPLINE, B.E. / B.TECH. MINOR IN OTHER SPECIALISATION AND B.E. / B. TECH. HONOURS FOR THE EXISTING UG PROGRAMMES FOR THE STUDENTS ADMITTED FROM THE ACADEMIC YEAR 2021-2022 OFFERED IN UNIVERSITY DEPARTMENTS, AUTONOMOUS AND NON-AUTONOMOUS COLLEGES AFFILIATED TO ANNA UNIVERSITY.**

**RESOLVED TO APPROVE** the B.E. / B.Tech. Honours in the same discipline, B.E. / B.Tech. Minor in other specialisation and B.E. / B. Tech. Honours for the existing UG programmes for the students admitted from the Academic year 2021-2022 offered in University Departments, Autonomous and Non-Autonomous colleges Affiliated to Anna University.

1. B.E./B.Tech. Honours (specialisation in the same discipline)
2. B.E./B.Tech. (minor in other specialisation)
3. B.E / B.Tech. Honours

**Annexure 28.06 – Award of UG (Hons) with Specialisation, UG with Minor and UG (Hons)**

## **II. UNIVERSITY DEPARTMENTS OF ANNA UNIVERSITY**

**VC 28.07 TO CONSIDER AND RATIFY CERTAIN AMENDMENTS MADE IN THE REGULATIONS OF ALL THE UG AND PG DEGREE PROGRAMMES OFFERED IN THE UNIVERSITY DEPARTMENTS UNDER R-2019 (CBCS).**





The 27<sup>th</sup> Academic Council had already approved the uniform evaluation procedure to be followed for the University Departments, Non-autonomous and Autonomous colleges affiliated to Anna University for the students of UG / PG programmes, admitted from the academic year 2021 - 2022.

In this regard, it is to inform that certain amendments were made in the Regulations 2019 of all the UG and PG Degree Programmes.

**RESOLVED TO RATIFY** certain amendments made in the regulations of all the UG and PG degree programmes offered in the University Departments under R-2019 (CBCS).

- Annexure 28.07** - 1. B.E. / B. Tech. Regulations 2019 (CBCS)  
2. B. Arch. Regulations 2019 (CBCS)  
3. M.E. / M. Tech. / M.Sc. (2 yrs) / MCA. R- 2019 (CBCS)  
4. M.Sc. (5 yrs) - R-2019 (CBCS)  
5. M.B.A. - R-2019 (CBCS)  
6. M.Phil. R-2019 (CBCS)  
7. M. Arch. / M. Plan Regulations 2019 (CBCS)

**VC 28.08 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 28.08** - UG Regulations 2018 (RUSA)

**VC 28.09 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 who have undergone Student Exchange programme of University Departments, Anna University at International Universities under various agreements.





**Annexure 28.09 – Student Exchange**

**VC 28.10 TO CONSIDER AND RATIFY THE LIST OF OPEN ELECTIVE COURSES OF THE B.E. / B.TECH. (FULL-TIME) PROGRAMMES UNDER VARIOUS FACULTIES TO BE OFFERED IN THE UNIVERSITY DEPARTMENTS UNDER REGULATIONS 2019 (CBCS).**

**RESOLVED TO RATIFY** the list of Open elective courses of the B.E. / B.Tech. (Full-Time) programmes under various faculties to be offered in the University Departments under Regulations 2019 (CBCS).

**Annexure 28.10 – Open Elective List (VI Semester)**

**VC 28.11 TO CONSIDER AND APPROVE THE LIST OF OPEN ELECTIVE COURSES OF THE B.E. / B.TECH. (FULL-TIME) PROGRAMMES UNDER VARIOUS FACULTIES TO BE OFFERED IN THE UNIVERSITY DEPARTMENTS UNDER REGULATIONS 2019 (CBCS).**

**RESOLVED TO APPROVE** the list of Open elective courses of the B.E. / B.Tech. (Full-Time) programmes under various faculties to be offered in the University Departments under Regulations 2019 (CBCS).

**Annexure 28.11 – Open Elective List (VI & VII Semester)**

**VC 28.12 TO CONSIDER AND APPROVE CERTAIN AMENDMENTS MADE IN THE REGULATIONS OF ALL THE UG AND PG DEGREE PROGRAMMES OFFERED IN THE UNIVERSITY DEPARTMENTS UNDER R-2019 (CBCS).**

The 27<sup>th</sup> Academic Council had already approved the uniform evaluation procedure to be followed for the University Departments, Non-autonomous and Autonomous colleges affiliated to Anna University, for the students of the UG / PG programmes admitted from the academic year 2021 - 2022.

In this regard, it is to inform that certain amendments were made in the Regulations 2019 of all the UG and PG Degree Programmes.





**RESOLVED TO APPROVE** certain amendments made in the Regulations of all the UG and PG degree programmes offered in the University Departments under R-2019 (CBCS).

**Annexure 28.12 - 1. B.E. / B. Tech. Regulations 2019 (CBCS)**

2. M.E./ M. Tech. / M.Sc. (2 yrs) / MCA. R- 2019 (CBCS)
3. M.Sc. (5 yrs) R-2019 (CBCS)
4. M.B.A. R-2019 (CBCS)
5. M.Phil. R-2019 (CBCS)

**VC 28.13 TO CONSIDER AND APPROVE THE FOLLOWING REGULATIONS 2022 FOR THE UG PROGRAMMES TO BE OFFERED IN THE UNIVERSITY DEPARTMENTS.**

**RESOLVED TO APPROVE** the following Regulations 2022 for the UG degree programmes to be offered in the University Departments.

- a) **Regulations 2022 – B.E. / B. Tech. (Work Integrated)**
- b) **Regulations 2022 – B. Plan.**

- **Duration of the B.E. / B. Tech. (Part Time) Programme:** 8 semesters (4 years) instead of 7 semesters (3.5 years) for both University Departments and Non-Autonomous Affiliated Colleges.

**Resolved to** incorporate the above change of the duration of B.E. / B. Tech. (Part-Time) programme from the next revision of the Regulations.

- New Regulations shall be framed and implemented from the academic year 2023-2024 onwards.
- Admissions for UG (Part Time) shall be suspended for the academic year 2022 – 2023 for the University Departments only.
- Admissions for UG (Part Time) shall be continued from 2023-2024 onwards in University Departments.

**VC 28.14 TO CONSIDER AND APPROVE THE CHANGE IN DEGREE AND PROGRAMME NOMENCLATURE FROM M.E. INSTRUMENTATION ENGINEERING TO M.E. INSTRUMENTATION ENGINEERING (SPECIALIZATION IN INDUSTRIAL AUTOMATION) OFFERED IN UNIVERSITY DEPARTMENTS, MIT CAMPUS, ANNA UNIVERSITY.**





**RESOLVED TO APPROVE** the change in degree and programme nomenclature from M.E. Instrumentation Engineering to M.E. Instrumentation Engineering (specialization in Industrial Automation) offered in University Departments, MIT Campus, Anna University.

**Annexure 28.14 – M.E. Instrumentation Engineering**  
(Specialization in Industrial Automation)

**VC 28.15 TO CONSIDER AND APPROVE THE CLOSURE OF THE FOLLOWING UG & PG DEGREE PROGRAMMES TO BE OFFERED IN UNIVERSITY DEPARTMENTS WITH EFFECT FROM THE ACADEMIC YEAR 2022 – 2023 ONWARDS.**

**RESOLVED TO APPROVE** the closure of the following UG & PG degree programmes to be offered in University Departments with effect from the Academic year 2022 – 2023 onwards.

**Annexure 28.15 – UG & PG (Closure)**

**VC 28.16 TO CONSIDER AND APPROVE THE INTRODUCTION OF A NEW SET OF ALTERNATE COURSES IN SEMESTER I AND II, ENTITLED 'ESSENTIAL ENGLISH I' AND 'ESSENTIAL ENGLISH II' FOR ALL THE UG DEGREE PROGRAMMES (R-2019) OF THE UNIVERSITY DEPARTMENTS FOR THE STUDENTS WHO WILL BE ADMITTED FROM THE ACADEMIC YEAR 2022 – 2023 ONWARDS.**

Members suggested that the title of courses 'Essential English I' and 'Essential English II' may be renamed as English I and English II.

**RESOLVED TO APPROVE** the introduction of a new set of alternate courses in semester I and II, entitled 'English I' and 'English II' for all the UG degree programmes (R-2019) of the University Departments for the students who will be admitted from the Academic year 2022 – 2023 onwards.

**Annexure 28.16 – English I & II**





**III. NON AUTONOMOUS COLLEGES AFFILIATED TO ANNA UNIVERSITY**

**VC 28.17 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 AFFILIATED COLLEGES OF ANNA UNIVERSITY.**

**RESOLVED TO RATIFY** certain amendments made in the Regulations 2017 (CBCS) for all the UG and PG degree programmes offered in the Non-Autonomous Affiliated colleges of Anna University.

**Annexure 28.17 – 1. UG Regulations 2017 (CBCS)**

**2. PG Regulations 2017 (CBCS)**

**VC 28.18 TO CONSIDER AND APPROVE CERTAIN AMENDMENTS MADE IN THE REGULATIONS 2021 (CBCS) FOR ALL THE UG AND PG DEGREE PROGRAMMES OFFERED IN THE NON-AUTONOMOUS AFFILIATED COLLEGES OF ANNA UNIVERSITY.**

**RESOLVED TO APPROVE** certain amendments made in the Regulations 2021 (CBCS) for all the UG and PG degree programmes offered in the Non-Autonomous Affiliated colleges of Anna University.

**Annexure 28.18 – 1. UG Regulations 2021 (CBCS)**

**2. B. Arch. Regulations 2021 (CBCS)**

**3. PG Regulations 2021 (CBCS)**

**4. M.B.A. & M.B.A. (5 yrs) R-2021(CBCS)**

**VC 28.19 TO CONSIDER AND APPROVE THE B.Sc. REGULATIONS 2022 FOR THE UG DEGREE PROGRAMMES TO BE OFFERED BY THE NON-AUTONOMOUS COLLEGES AFFILIATED TO ANNA UNIVERSITY.**

**RESOLVED TO APPROVE** the B.Sc. Regulations 2022 for the UG degree programmes to be offered by the Non-Autonomous colleges affiliated to Anna University.

**Annexure 28.19 - Regulations 2022 – B.Sc.**





**VC 28.20 TO CONSIDER AND APPROVE THE CONSTITUTION OF RESULT PASSING BOARD FOR THE UG AND PG DEGREE PROGRAMMES OFFERED BY THE UNIVERSITY DEPARTMENTS.**

**RESOLVED TO APPROVE** the constitution of Result Passing Board for the UG and PG degree programmes offered by the University Departments.

**1) ITEMS PERTAINING TO FACULTY OF CIVIL ENGINEERING**

**I. ITEMS PERTAINING TO NON-AUTONOMOUS COLLEGES**

**FC28.01 TO CONSIDER AND RATIFY THE MINOR CHANGES INCORPORATED IN THE CURRICULUM OF M.E. INFRASTRUCTURE ENGINEERING AND MANAGEMENT (FT) UNDER R-2021 (CBCS) DEGREE PROGRAMME OFFERED IN THE NON-AUTONOMOUS COLLEGES AFFILIATED TO ANNA UNIVERSITY.**

**RESOLVED TO RATIFY** the minor changes incorporated in the curriculum of M.E. Infrastructure Engineering and Management (FT) under R-2021 (CBCS) degree programme offered in the Non- Autonomous Colleges affiliated to Anna University.

**M.E. Infrastructure Engineering and Management**

**FC28.02 TO CONSIDER AND APPROVE THE CURRICULUM AND SYLLABUS OF III TO VIII SEMESTERS FOR THE UG (FT) DEGREE PROGRAMMES (CBCS) TO BE OFFERED IN NON-AUTONOMOUS COLLEGES AFFILIATED TO ANNA UNIVERSITY UNDER R-2021.**

**RESOLVED TO APPROVE** the Curriculum and Syllabus of III to VIII semesters for the UG (FT) degree programmes (CBCS) to be offered in Non-Autonomous colleges affiliated to Anna University under R-2021.

1. **B.E. Civil Engineering (EM & TM)**
2. **B. Tech. Agricultural Engineering**
3. **B.E. Geoinformatics Engineering**
4. **B.E. Environmental Engineering**

**FC28.03 TO CONSIDER AND RATIFY THE SYLLABUS FOR II SEMESTER AND APPROVE THE SYLLABUS FOR III AND IV SEMESTERS FOR THE PG (FT/PT) DEGREE PROGRAMMES (CBCS) TO BE OFFERED IN NON-AUTONOMOUS COLLEGES AFFILIATED TO ANNA UNIVERSITY UNDER R-2021.**





**RESOLVED TO RATIFY** the syllabus for II semester and approve the syllabus for III and IV semesters for the PG (FT/PT) degree programmes (CBCS) to be offered in Non-Autonomous colleges affiliated to Anna University under R-2021.

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

**FC28.04 TO CONSIDER AND APPROVE THE ADDITIONAL COURSES TO BE STUDIED BY THE B.Sc. GRADUATES ADMITTED TO III SEMESTER B.E./B.TECH. (R-2021) UNDER THE LATERAL ENTRY SCHEME IN THE FACULTY OF CIVIL ENGINEERING IN THE NON-AUTONOMOUS COLLEGES AFFILIATED TO ANNA UNIVERSITY.**

**RESOLVED TO APPROVE** the Additional courses to be studied by the B.Sc. graduates admitted to III semester B.E./B.Tech. (R-2021) under the Lateral Entry scheme in the Faculty of Civil Engineering in the Non-Autonomous colleges affiliated to Anna University.

**Additional Courses – Lateral Entry Scheme (B.Sc.)**

**II. ITEMS PERTAINING TO UNIVERSITY DEPARTMENTS**

**FC28.05 TO CONSIDER AND RATIFY THE REVISED VISION AND MISSION, PROGRAMME EDUCATIONAL OBJECTIVES AND COURSE OBJECTIVES AND OUTCOMES INCORPORATED IN THE SYLLABUS OF THE B. E. CIVIL ENGINEERING PROGRAMME OFFERED IN UNIVERSITY DEPARTMENTS OF ANNA UNIVERSITY UNDER R2015 & R2019.**

**RESOLVED TO RATIFY** the revised vision and mission, programme Educational objectives and course objectives and outcomes incorporated in the syllabus of the B. E. Civil Engineering programme offered in University Departments of Anna University under R2015 & R2019.

**B.E. Civil Engineering - (R2015) & (R2019)**





**FC28.06 TO CONSIDER AND APPROVE THE NEW CURRICULA AND SYLLABI OF I TO IV SEMESTERS FOR THE M. TECH. OCEAN TECHNOLOGY (CBCS) DEGREE PROGRAMME TO BE OFFERED IN UNIVERSITY DEPARTMENTS UNDER R-2019 WITH EFFECT FROM THE ACADEMIC YEAR 2022 – 2023 ONWARDS.**

**RESOLVED TO APPROVE** the new Curricula and Syllabi of I to IV semesters for the M. Tech. Ocean Technology (CBCS) degree programme to be offered in University Departments under R-2019 with effect from the Academic year 2022 – 2023 onwards.

**M. Tech. Ocean Technology**

**FC28.07 TO CONSIDER AND APPROVE THE MOVEMENT OF SEMESTER VIII CORE AND ELECTIVE COURSES AS ADDITIONAL COURSES IN SEMETER VI AND SEMESTER VII TO BE OFFERED IN THE UNIVERSITY DEPARTMENTS.**

**RESOLVED TO APPROVE** the movement of semester viii core and elective courses as additional courses in Semester VI and Semester VII to be offered in the University Departments.

**I. B.E. Civil Engineering**

To enable the students of B.E. Civil Engineering Programme offered in the University Departments under R-2019 to undergo a semester-long internship during VIII Semester, from the academic Year 2023-24 onwards.

To facilitate the students to undergo internship for full semester in industry in Semester VIII, it is proposed to advance the two elective courses offered in Semester VIII to Semester VI and the core course (*CE5801-Estimation, Costing and Valuation Engineering*) offered in Semester VIII to Semester VII, from the academic year 2023-24 onwards.

**II. B. E. Geoinforamtics**

To enable the students of B.E. Geoinformatics Programme offered in the University Departments under R-2019 to get better industry exposure to undergo internship during VIII Semester from the academic. Year 2022-23.

To facilitate the students to undergo internship for full semester in Industry, it is proposed to advance one elective course offered in VIII Semester to VI Semester from the academic year 2023-24 and to drop one professional effective course in VIII Semester from the academic year 2022-23 in R 2019 regulations. Total number of credits for the programme after dropping one professional elective course in VIII Sem will be 164.





**III. ITEMS PERTAINING TO AUTONOMOUS COLLEGES**

**FC28.08 TO CONSIDER AND RATIFY THE CHANGE IN DEGREE AND PROGRAMME NOMENCLATURE FROM B.E. AGRICULTURE ENGINEERING TO B.TECH. AGRICULTURAL ENGINEERING OFFERED IN AUTONOMOUS COLLEGES AFFILIATED TO ANNA UNIVERSITY.**

**RESOLVED TO RATIFY** the change in degree and programme nomenclature from B.E. Agriculture Engineering to B.Tech. Agricultural Engineering offered in Autonomous colleges affiliated to Anna University.

**B. Tech. Agricultural Engineering**

**2) ITEMS PERTAINING TO FACULTY OF MECHANICAL ENGINEERING**

**I. ITEMS PERTAINING TO NON-AUTONOMOUS COLLEGES**

**FM28.01 TO CONSIDER AND RATIFY THE MINOR CHANGES INCORPORATED FOR THE COURSE "GE3271 ENGINEERING GRAPHICS" OF ALL B.E./B.TECH. DEGREE PROGRAMMES OF NON - AUTONOMOUS COLLEGES AFFILIATED TO ANNA UNIVERSITY UNDER R-2021.**

**RESOLVED TO RATIFY** the minor changes incorporated for the course "GE3271 Engineering Graphics" of all B.E. / B.Tech. degree programmes of Non - Autonomous colleges affiliated to Anna University under R-2021.

**GE3271 Engineering Graphics**

**FM28.02 TO CONSIDER AND APPROVE THE CURRICULA AND SYLLABI OF III TO VIII SEMESTERS (4 YEARS) AND III TO X SEMESTERS (5 YEARS) OF UG (FT) DEGREE PROGRAMMES TO BE OFFERED IN NON - AUTONOMOUS COLLEGES AFFILIATED TO ANNA UNIVERSITY UNDER R-2021 (CBCS).**

**RESOLVED TO APPROVE** the Curricula and Syllabi of III to VIII semesters (4 years) and III to X semesters (5 years) of UG (FT) degree programmes to be offered in Non - Autonomous colleges affiliated to Anna University under R-2021 (CBCS).

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)

**FM28.03 TO CONSIDER AND RATIFY THE SYLLABUS FOR II SEMESTER AND APPROVE THE SYLLABUS FOR III AND IV SEMESTERS FOR THE PG (FT / PT) DEGREE PROGRAMMES (CBCS) TO BE OFFERED IN NON AUTONOMOUS COLLEGES AFFILIATED TO ANNA UNIVERSITY UNDER R-2021.**

**RESOLVED TO RATIFY** the syllabus for ii semester and approve the syllabus for iii and iv semesters for the PG (FT / PT) degree programmes (CBCS) to be offered in Non Autonomous colleges affiliated to Anna University under R-2021.

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





**FM28.04 TO CONSIDER AND APPROVE THE ADDITIONAL COURSES TO BE STUDIED BY THE B.Sc. GRADUATES ADMITTED TO III SEMESTER B.E./ B.TECH. (R 2021) UNDER THE LATERAL ENTRY SCHEME IN THE FACULTY OF MECHANICAL ENGINEERING IN THE NON – AUTONOMOUS COLLEGES AFFILIATED TO ANNA UNIVERSITY.**

**RESOLVED TO APPROVE** the additional courses to be studied by the B.Sc. graduates admitted to III semester B.E./ B.Tech. (R 2021) under the lateral entry scheme in the faculty of Mechanical Engineering in the Non – Autonomous colleges affiliated to Anna University.

**ANNEXURE - I**

**II. ITEMS PERTAINING TO UNIVERSITY DEPARTMENTS**

**FM28.05 TO CONSIDER AND APPROVE THE CURRICULUM AND SYLLABI OF I TO VIII SEMESTERS FOR THE NEW PROGRAMME OF B.E. ROBOTICS AND AUTOMATION DEGREE PROGRAMME TO BE OFFERED IN UNIVERSITY DEPARTMENT UNDER R-2019 (CBCS) WITH EFFECT FROM THE ACADEMIC YEAR 2022 - 2023.**

**RESOLVED TO APPROVE** the Curriculum and Syllabi of I to VIII semesters for the new programme of B.E. Robotics and Automation degree programme to be offered in University Department under R-2019 (CBCS) with effect from the Academic year 2022 - 2023.

**B.E. Robotics and Automation – Curriculum and Syllabus**

**FM28.06 TO CONSIDER AND APPROVE THE CURRICULUM AND SYLLABI OF I TO VIII SEMESTERS FOR THE NEW PROGRAMME OF B.E. MANUFACTURING ENGINEERING (WORK INTEGRATED) DEGREE PROGRAMME TO BE OFFERED IN UNIVERSITY DEPARTMENT FOR THE EMPLOYEES OF TATA ELECTRONICS PRIVATE LIMITED UNDER R-2022 WITH EFFECT FROM THE ACADEMIC YEAR 2022 - 2023.**

**RESOLVED TO APPROVE** the curriculum and syllabi of I to VIII semesters for the new programme of B.E. Manufacturing Engineering (Work Integrated) degree programme to be offered in University Department for the employees of Tata Electronics private limited under R-2022 with effect from the Academic year 2022 - 2023.





**B.E. Manufacturing Engineering (Work Integrated) – Curriculum & Syllabi**

**FM28.07 TO CONSIDER AND APPROVE THE VIII SEMESTERS COURSES EXCEPT PROJECT - II TO BE SHIFTED TO SEMESTER VI AND VII OF B.E./B.TECH. DEGREE PROGRAMMES OF UNIVERSITY DEPARTMENTS UNDER R-2019 OF THE FACULTY OF MECHANICAL ENGINEERING WITH EFFECT FROM THE BATCH OF STUDENTS ADMITTED IN THE FIRST YEAR FROM THE ACADEMIC YEAR 2020 – 2021 ONWARDS.**

**RESOLVED TO APPROVE** the VIII semesters courses except Project - II to be shifted to semester VI and VII of B.E./B.Tech. degree programmes of University departments under R-2019 of the faculty of Mechanical Engineering with effect from the batch of students admitted in the first year from the Academic year 2020 – 2021 onwards.

1. B.E. Mechanical Engineering
2. B.E. Automobile Engineering
3. B.E. Printing and Packaging Technology
4. B.E. Production Engineering
5. B.E. Materials Science and Engineering

**3) ITEMS PERTAINING TO FACULTY OF ELECTRICAL ENGINEERING****I. ITEMS PERTAINING TO NON-AUTONOMOUS COLLEGES**

**FE28.01 TO CONSIDER AND APPROVE THE CURRICULUM AND SYLLABUS OF III to VIII SEMESTERS FOR THE UG (FT) DEGREE PROGRAMMES (CBCS) TO BE OFFERED IN NON AUTONOMOUS COLLEGES AFFILIATED TO ANNA UNIVERSITY UNDER R-2021.**

**RESOLVED TO APPROVE** the curriculum and syllabus of III to VIII semesters for the UG (FT) degree programmes (CBCS) to be offered in Non Autonomous colleges affiliated to Anna University under R-2021.

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





**FE28.02 TO CONSIDER AND RATIFY THE SYLLABUS FOR II SEMESTER AND APPROVE THE SYLLABUS FOR III AND IV SEMESTERS FOR THE PG (FT /PT) DEGREE PROGRAMMES (CBCS) TO BE OFFERED IN NON AUTONOMOUS COLLEGES AFFILIATED TO ANNA UNIVERSITY UNDER R-2021.**

**RESOLVED TO RATIFY** the syllabus for II semester and approve the syllabus for III and IV semesters for the PG (FT /PT) degree programmes (CBCS) to be offered in Non Autonomous colleges affiliated to Anna University under R-2021.

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

**FE28.03 TO CONSIDER AND APPROVE THE ADDITIONAL COURSES TO BE STUDIED BY THE B.Sc. GRADUATES ADMITTED TO III SEMESTER B.E./B.TECH. (R 2021) UNDER THE LATERAL ENTRY SCHEME IN THE FACULTY OF ELECTRICAL ENGINEERING IN THE AFFILIATED INSTITUTIONS.**

**RESOLVED TO APPROVE** the additional courses to be studied by the B.Sc. Graduates admitted to III semester B.E./B.Tech. (R 2021) under the lateral entry scheme in the faculty of Electrical Engineering in the Affiliated Institutions.

#### ANNEXURE - I

#### **II. ITEMS PERTAINING TO UNIVERSITY DEPARTMENTS**

**FE28.04 TO CONSIDER AND RATIFY THE REVISED VISION AND MISSION, PROGRAMME EDUCATIONAL OBJECTIVES, COURSE OBJECTIVES, PROGRAM SPECIFIC OUTCOMES AND COURSE OUTCOMES, MAPPING OF CO, PO, AND COs, PSOs INCORPORATED IN THE SYLLABUS OF THE B. E. ELECTRICAL AND ELECTRONICS ENGINEERING, B.E. ELECTRONICS AND INSTRUMENTATION ENGINEERING PROGRAMME OFFERED IN UNIVERSITY DEPARTMENTS OF ANNA UNIVERSITY UNDER R-2015 & R2019.**





**RESOLVED TO RATIFY** the revised vision and mission, programme educational objectives, course objectives, program specific outcomes and PSO course outcomes, mapping of CO, PO, and COs, PSO incorporated in the syllabus of the B. E. Electrical and Electronics Engineering, B.E. Electronics and Instrumentation Engineering programme offered in University Departments of Anna University under R-2015 & R-2019.

1. Vision, Mission CO, PO, PEO & CO-PO PSO mapping of B.E. EEE – R2015 & R2019
2. Vision, Mission CO, PO, PEO & CO-PO PSO mapping of B.E. EIE – R2015 & R2019

**FE28.05 TO CONSIDER AND APPROVE THE SHIFTING OF VIII SEMESTER PROFESSIONAL ELECTIVE COURSES OFFERED TO VI AND VII SEMESTERS OF B.E./B.TECH. DEGREE PROGRAMMES OF UNIVERSITY DEPARTMENTS UNDER R-2019 OF THE FACULTY OF ELECTRICAL ENGINEERING WITH EFFECT FROM 2023 – 2024.**

**RESOLVED TO APPROVE** the shifting of VIII Semester Professional Elective courses offered to VI and VII semesters of B.E./B.Tech. degree programmes of University Departments under R-2019 of the faculty of Electrical Engineering with effect from 2023 – 2024.

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

#### **4) ITEMS PERTAINING TO INFORMATION AND COMMUNICATION ENGINEERING**

##### **I. ITEMS PERTAINING TO NON-AUTONOMOUS COLLEGES**

**FI28.01 TO CONSIDER AND RATIFY THE INTRODUCTION OF A EXPERIENTIAL PROJECT BASED LEARNING COURSE AS A 3 CREDIT ELECTIVE TITLED “PROFESSIONAL READINESS FOR INNOVATION, EMPLOYABILITY AND ENTREPRENEURSHIP” TO BE OFFERED IN NON-AUTONOMOUS COLLEGES AFFILIATED TO ANNA UNIVERSITY WITH EFFECT FROM THE ACADEMIC YEAR 2021 – 2022 ONWARDS.**





**RESOLVED TO RATIFY** the introduction of a Experiential Project Based Learning course as a 3 credit elective titled "Professional Readiness for Innovation, Employability and Entrepreneurship" to be offered in Non-Autonomous colleges affiliated to Anna University with effect from the Academic year 2021 – 2022 onwards.

**FURTHER RESOLVED TO RATIFY** that the above course may be offered in the Autonomous colleges affiliated to Anna University with effect from the Academic year 2021 – 2022 onwards.

Professional Readiness for Innovation,  
Employability and Entrepreneurship

**FI28.02 TO CONSIDER AND APPROVE THE CURRICULA AND SYLLABI OF III to VIII SEMESTERS FOR THE FOLLOWING UG (FT) DEGREE PROGRAMMES UNDER R-2021 (CBCS) TO BE OFFERED IN NON-AUTONOMOUS COLLEGES AFFILIATED TO ANNA UNIVERSITY.**

**RESOLVED TO APPROVE** the curricula and syllabi of III to VIII semesters for the following UG (FT) degree programmes under R-2021 (CBCS) to be offered in Non-Autonomous colleges affiliated to Anna University.

1. B.E. Computer Science and Engineering (EM & TM)
2. B.Tech. Information Technology
3. B.E. Computer and Communication Engineering
4. B.E. Computer Science and Engineering (Cyber Security)
5. B.E. Computer Science and Engineering (Artificial Intelligence and Machine Learning)
6. B.Tech. Artificial Intelligence and Data Science
7. B.Tech. Computer Science and Business Systems
8. B.E. Computer Science and Design
9. B.E. Electronics and Communication Engineering
10. B.E. Electronics and Telecommunication Engineering
11. B.E. Biomedical Engineering
12. B.E. Medical Electronics





FI28.03 TO CONSIDER AND RATIFY THE SYLLABI FOR II SEMESTER AND APPROVE THE SYLLABI FOR III AND IV SEMESTER FOR THE PG (FT / PT) DEGREE PROGRAMMES UNDER R-2021 (CBCS) TO BE OFFERED IN NON-AUTONOMOUS COLLEGES AFFILIATED TO ANNA UNIVERSITY.

**RESOLVED TO RATIFY** the syllabi for II semester and approve the syllabi for III and IV semester for the PG (FT / PT) degree programmes under R-2021 (CBCS) to be offered in Non-Autonomous colleges affiliated to Anna University.

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





**FI28.04 TO CONSIDER AND APPROVE THE ADDITIONAL COURSES TO BE STUDIED BY THE B.Sc. GRADUATES ADMITTED TO III SEMESTER B.E./B.TECH. (R 2021) UNDER THE LATERAL ENTRY SCHEME IN THE FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING IN THE NON-AUTONOMOUS COLLEGES AFFILIATED TO ANNA UNIVERSITY.**

**RESOLVED TO APPROVE** the additional courses to be studied by the B.Sc. graduates admitted to III semester B.E./B.Tech. (R 2021) under the lateral entry scheme in the faculty of Information and Communication Engineering in the Non-Autonomous colleges affiliated to Anna University.

**Additional Courses – Lateral Entry Scheme (B.Sc.)**

**II. ITEMS PERTAINING TO UNIVERSITY DEPARTMENTS**

**FI28.05 TO CONSIDER AND RATIFY THE INTRODUCTION OF A EXPERIENTIAL PROJECT BASED LEARNING COURSE AS A 3 CREDIT ELECTIVE TITLED, “PROFESSIONAL READINESS FOR INNOVATION, EMPLOYABILITY AND ENTREPRENEURSHIP” TO BE OFFERED IN THE UNIVERSITY DEPARTMENTS OF ANNA UNIVERSITY WITH EFFECT FROM THE ACADEMIC YEAR 2021 – 2022 ONWARDS.**

**RESOLVED TO RATIFY** the introduction of a experiential project based Learning course as a 3 credit elective titled, “Professional Readiness for Innovation, Employability and Entrepreneurship” to be offered in the University Departments of Anna University with effect from the Academic year 2021 – 2022 onwards.

**Professional Readiness for Innovation,  
Employability and Entrepreneurship**

**FI28.06 TO CONSIDER AND RATIFY THE REVISED VISION AND MISSION, PROGRAMME EDUCATIONAL OBJECTIVES, COURSE OBJECTIVES, PROGRAM SPECIFIC OUTCOMES AND COURSE OUTCOMES, MAPPING OF CO, PO, AND COs, PSOs INCORPORATED IN THE following PROGRAMME OFFERED IN UNIVERSITY DEPARTMENTS OF ANNA UNIVERSITY UNDER R-2019.**





**RESOLVED TO RATIFY** the revised vision and mission, programme educational objectives course objectives, Program Specific Outcomes and course outcomes, mapping of CO, PO, and COs, PSOs incorporated in the following programme offered in university departments of anna university under R-2019.

B.E. ECE R2019 (CBCS) - Revised Course Outcomes & CO-PO Articulations.

**FI28.07 TO CONSIDER AND RATIFY THE CURRICULUM (LIST OF BRIDGE COURSES) OF MASTER OF COMPUTER APPLICATIONS DEGREE PROGRAMME OF UNIVERSITY DEPARTMENTS UNDER R-2019 WITH EFFECT FROM THE BATCH OF STUDENTS ADMITTED IN THE ACADEMIC YEAR 2021 – 2022 ONWARDS.**

**RESOLVED TO RATIFY** the curriculum (list of Bridge courses) of Master of Computer Applications degree programme of university departments under R-2019 with effect from the batch of students admitted in the Academic year 2021 – 2022 onwards.

Master of Computer Applications

**FI28.08 TO CONSIDER AND APPROVE THE CURRICULA AND SYLLABI OF I TO IV SEMESTERS FOR THE NEW PROGRAMME OF M. TECH. INFORMATION TECHNOLOGY (SPECIALIZATION IN ARTIFICIAL INTELLIGENCE AND DATA SCIENCE) FULL-TIME DEGREE PROGRAMME TO BE OFFERED IN UNIVERSITY DEPARTMENTS UNDER R-2019 (CBCS) WITH EFFECT FROM THE ACADEMIC YEAR 2022 – 2023.**

**RESOLVED TO APPROVE** the Curricula and Syllabi of I to IV semesters for the new programme of M. Tech. Information Technology (specialization in Artificial Intelligence and Data Science) Full-Time degree programme to be offered in University Departments under R-2019 (CBCS) with effect from the Academic year 2022 – 2023.

M.Tech. Information Technology (Specialization in Artificial Intelligence and Data Science)





**FI28.09 TO CONSIDER AND APPROVE THE CURRICULA FOR I TO VIII SEMESTERS AND SYLLABI FOR I AND II SEMESTERS FOR THE NEW PROGRAMME OF B. TECH. ARTIFICIAL INTELLIGENCE AND DATA SCIENCE (FULL-TIME) DEGREE PROGRAMME TO BE OFFERED IN UNIVERSITY DEPARTMENTS UNDER R-2019 (CBCS) WITH EFFECT FROM THE ACADEMIC YEAR 2022 – 2023.**

**RESOLVED TO APPROVE** the curricula for I to VIII semesters and syllabi for I and II semesters for the new programme of B. Tech. Artificial Intelligence and Data Science (Full-Time) degree programme to be offered in University Departments under R-2019 (CBCS) with effect from the Academic year 2022 – 2023.

**B. Tech. Artificial Intelligence and Data Science**

**FI28.10 TO CONSIDER AND APPROVE THE VIII SEMESTER PROFESSIONAL ELECTIVE COURSE TO BE SHIFTED TO V AND VII SEMESTERS OF B.E./B.TECH. DEGREE PROGRAMMES OF UNIVERSITY DEPARTMENTS UNDER R-2019 WITH EFFECT FROM THE BATCH OF STUDENTS ADMITTED FIRST YEAR IN THE ACADEMIC YEAR 2020 – 2021 ONWARDS.**

**RESOLVED TO APPROVE** the VIII semester Professional Elective course to be shifted to V and VII semesters of B.E./B.Tech. degree programmes of University Departments under R-2019 with effect from the batch of students admitted first year in the Academic year 2020 – 2021 onwards.

1. **B.Tech. Information Technology (to V Semester)**
2. **B.E. Electronics and Communication Engineering (to VII Semester)**
3. **B.E. Biomedical Engineering (to VII Semester)**

**5) ITEMS PERTAINING TO FACULTY OF TECHNOLOGY**

**I. ITEMS PERTAINING TO NON-AUTONOMOUS COLLEGES**

**FT28.01 TO CONSIDER AND APPROVE THE CURRICULUM AND SYLLABUS OF III to VIII SEMESTERS FOR THE UG (FT) DEGREE PROGRAMMES (CBCS) TO BE OFFERED IN NON AUTONOMOUS COLLEGES AFFILIATED TO ANNA UNIVERSITY UNDER R-2021.**





**RESOLVED TO APPROVE** the curriculum and syllabus of III to VIII semesters for the UG (FT) degree programmes (CBCS) to be offered in Non Autonomous colleges affiliated to Anna University under R-2021.

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

**FT28.02 TO CONSIDER AND RATIFY THE SYLLABUS FOR II SEMESTER AND APPROVE THE SYLLABUS FOR III AND IV SEMESTERS FOR THE PG (FT / PT) DEGREE PROGRAMMES (CBCS) TO BE OFFERED IN NON AUTONOMOUS COLLEGES AFFILIATED TO ANNA UNIVERSITY UNDER R-2021.**

**RESOLVED TO RATIFY** the syllabus for ii semester and approve the syllabus for III and IV semesters for the PG (FT / PT) degree programmes (CBCS) to be offered in Non Autonomous colleges affiliated to Anna University under R-2021.

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





**FT28.03 TO CONSIDER AND APPROVE TO DISCONTINUE B. TECH. PETROCHEMICAL ENGINEERING PROGRAMME AND CONTINUE B. TECH. PETROCHEMICAL TECHNOLOGY PROGRAMME OFFERED IN THE NON-AUTONOMOUS COLLEGES AFFILIATED TO ANNA UNIVERSITY FROM THE ACADEMIC YEAR 2023-2024.**

**RESOLVED TO APPROVE** to discontinue B. Tech. Petrochemical Engineering programme and continue B. Tech. Petrochemical Technology programme offered in the Non-Autonomous colleges affiliated to Anna University from the Academic year 2023-2024.

**FT28.04 TO CONSIDER AND APPROVE THE ADDITIONAL COURSES TO BE STUDIED BY THE B.Sc. GRADUATES ADMITTED TO III SEMESTER B.E./B.TECH. (R-2021) UNDER THE LATERAL ENTRY SCHEME IN THE FACULTY OF TECHNOLOGY IN THE NON-AUTONOMOUS COLLEGES AFFILIATED TO ANNA UNIVERSITY.**

**RESOLVED TO APPROVE** the additional courses to be studied by the B.Sc. graduates admitted to III semester B.E./B.Tech. (R-2021) under the lateral entry scheme in the faculty of technology in the Non-Autonomous colleges affiliated to Anna University.

**Additional Courses – Lateral Entry Scheme (B.Sc.)**

**II. ITEMS PERTAINING TO UNIVERSITY DEPARTMENTS**

**FT28.05 TO CONSIDER AND RATIFY THE CHANGES INCORPORATED IN THE CURRICULUM OF B.TECH. RUBBER AND PLASTICS TECHNOLOGY DEGREE PROGRAMME OFFERED IN UNIVERSITY DEPARTMENTS OF ANNA UNIVERSITY UNDER R-2019.**

**RESOLVED TO RATIFY** the changes incorporated in the curriculum of B.Tech. Rubber and Plastics Technology degree programme offered in University departments of Anna University under R-2019.

**B.Tech. Rubber and Plastic Technology (UD) – R-2019**





**FT28.06 TO CONSIDER AND RATIFY CHANGES INCORPORATED IN THE CURRICULUM AND SYLLABI OF THE B.TECH. FOOD TECHNOLOGY PROGRAMME OFFERED IN UNIVERSITY DEPARTMENTS OF ANNA UNIVERSITY UNDER R-2019.**

**RESOLVED TO RATIFY** changes incorporated in the Curriculum and Syllabi of the B.Tech. Food Technology programme offered in University Departments of Anna University under R-2019.

**B.Tech. Food Technology (UD) – R-2019**

**FT28.07 TO CONSIDER AND APPROVE SHIFTING OF SEMESTER VIII COURSES (EXCEPT PROJECT WORK II) TO V, VI AND VII SEMESTERS OF B.E./B.TECH. DEGREE PROGRAMMES OF UNIVERSITY DEPARTMENTS UNDER R-2019.**

**RESOLVED TO APPROVE** shifting of VIII semesters courses (except Project Work II) to V, VI and VII semesters of B.E./B.Tech. degree programmes of University Departments under R-2019.

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

**6) ITEMS PERTAINING TO FACULTY OF SCIENCE AND HUMANITIES**

**ITEMS PERTAINING TO NON-AUTONOMOUS COLLEGES**

**FS28.01 TO CONSIDER AND RATIFY THE SYLLABUS FOR III SEMESTER AND APPROVE THE SYLLABI FOR IV SEMESTER OF THE FOLLOWING COURSES OF THE UG DEGREE PROGRAMMES (CBCS) TO BE OFFERED IN THE NON-AUTONOMOUS AFFILIATED COLLEGES UNDER REGULATIONS 2021.**





**RESOLVED TO RATIFY** the syllabus for III semester and approve the Syllabi for IV semester of the following courses of the UG degree programmes (CBCS) to be offered in the Non-Autonomous Affiliated colleges under Regulations 2021.

1. English
2. Mathematics - UG
3. Chemistry

**FS28.02 TO CONSIDER AND APPROVE THE CURRICULA AND SYLLABI OF I TO VI SEMESTERS OF NEW UG PROGRAMMES B.Sc. TEXTILES AND APPAREL B. Sc. TEXTILES (TECHNICAL TEXTILES) AND B. Sc. TEXTILES (BUSINESS ANALYTICS) TO BE OFFERED IN NON-AUTONOMOUS AFFILIATED COLLEGES UNDER R-2022.**

**RESOLVED TO APPROVE** the curricula and syllabi of I to VI semesters of new UG programmes B.Sc. Textiles and Apparel B. Sc. Textiles (Technical Textiles) and B. Sc. Textiles (Business Analytics) to be offered in Non-Autonomous Affiliated colleges under R-2022.

1. B.Sc. Textiles and Apparel
2. B.Sc. Textiles (Technical Textiles)
3. B.Sc. Textiles (Business Analytics)

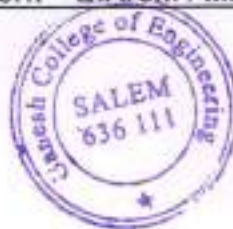
**7) ITEMS PERTAINING TO FACULTY OF ARCHITECTURE AND PLANNING**

**I. ITEMS PERTAINING TO NON-AUTONOMOUS COLLEGES**

**FA28.01 TO CONSIDER AND RATIFY THE END SEMESTER QUESTION PAPER PATTERN UNDER R-2021 FOR B.ARCH. AND M.ARCH. DEGREE PROGRAMMES OFFERED IN NON AUTONOMOUS COLLEGES AFFILIATED TO ANNA UNIVERSITY.**

**RESOLVED TO RATIFY** the End Semester question paper pattern under R-2021 for B.Arch. and M.Arch. degree programmes offered in Non Autonomous colleges affiliated to Anna university.

**End Semester Question Paper Pattern – B.Arch. / M.Arch.**





**FA28.02 TO CONSIDER AND RATIFY THE LIST OF THEORY CUM STUDIO COURSES THAT HAVE DIGITAL BASED CONTENT IN THE SYLLABUS IN THE M.ARCH. DEGREE PROGRAMMES.**

**RESOLVED TO RATIFY** the list of Theory Cum Studio courses that have Digital based content in the syllabus in the M.Arch. degree programmes.

The list of theory cum studio courses that have digital based content in the syllabus in M.Arch. Programme

**FA28.03 TO CONSIDER AND RATIFY THE MINOR CHANGES INCORPORATED IN THE CURRICULUM OF M.ARCH. (DIGITAL ARCHITECTURE) UNDER R-2021 (CBCS) DEGREE PROGRAMME OFFERED IN THE NON-AUTONOMOUS COLLEGES AFFILIATED TO ANNA UNIVERSITY.**

**RESOLVED TO RATIFY** the minor changes incorporated in the curriculum of M.Arch. (Digital Architecture) under R-2021 (CBCS) degree programme offered in the Non-Autonomous colleges affiliated to Anna University.

M. Arch. (Digital Architecture)

**FA28.04 TO CONSIDER AND APPROVE THE CURRICULUM AND SYLLABUS OF III to X SEMESTERS FOR THE B.ARCH. (FT) DEGREE PROGRAMME (CBCS) TO BE OFFERED IN NON AUTONOMOUS COLLEGES AFFILIATED TO ANNA UNIVERSITY UNDER R-2021.**

**RESOLVED TO APPROVE** the curriculum and syllabus of III to X semesters for the B.Arch. (FT) degree programme (CBCS) to be offered in Non autonomous colleges affiliated to Anna University under R-2021.

B. Arch

**FA28.05 TO CONSIDER AND RATIFY THE SYLLABUS FOR II SEMESTER AND APPROVE THE SYLLABUS FOR III AND IV SEMESTERS FOR M.ARCH. DEGREE PROGRAMMES (CBCS) TO BE OFFERED IN NON-AUTONOMOUS COLLEGES AFFILIATED TO ANNA UNIVERSITY UNDER R-2021.**





**RESOLVED TO RATIFY** the syllabus for II semester and approve the syllabus for III and IV semesters for M.Arch. degree programmes (CBCS) to be offered in Non autonomous colleges affiliated to Anna University under R-2021.

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)

**FA28.06 TO CONSIDER AND APPROVE THE LIST OF THEORY CUM STUDIO COURSES THAT HAVE DIGITAL BASED CONTENT IN THE SYLLABUS IN THE B.ARCH. DEGREE PROGRAMME.**

**RESOLVED TO APPROVE** the list of Theory Cum Studio Courses that have Digital Based content in the syllabus in the B.Arch. degree programme.

The list of theory cum studio courses that have digital based content in the syllabus in B.Arch. Programme

## II. ITEMS PERTAINING TO UNIVERSITY DEPARTMENTS

**FA28.07 TO CONSIDER AND APPROVE THE CURRICULUM FOR I TO VIII SEMESTERS AND SYLLABI OF I & II SEMESTERS FOR THE B.PLAN (CBCS) DEGREE PROGRAMME TO BE OFFERED IN UNIVERSITY DEPARTMENTS UNDER R-2022 WITH EFFECT FROM THE ACADEMIC YEAR 2022 – 2023 ONWARDS.**

**RESOLVED TO APPROVE** the curriculum for I to VIII semesters and syllabi of I & II semesters for the B.Plan (CBCS) degree programme to be offered in University Departments under R-2022 with effect from the Academic year 2022 – 2023 onwards.

B. Plan Degree Programme





**8) ITEMS PERTAINING TO FACULTY OF MANAGEMENT SCIENCES**

**FN28.01 TO CONSIDER AND APPROVE THE CURRICULA AND SYLLABI OF I TO IV SEMESTERS FOR THE NEW PROGRAMMES OF M.B.A. TEXTILE MANAGEMENT, M.B.A. APPAREL MANAGEMENT AND M.B.A. RETAIL MANAGEMENT DEGREE PROGRAMMES (CBCS) TO BE OFFERED IN NON-AUTONOMOUS AFFILIATED COLLEGES UNDER R-2021 WITH EFFECT FROM THE ACADEMIC YEAR 2022 - 2023.**

**RESOLVED TO APPROVE** the curricula and syllabi of I to IV semesters for the new programmes of M.B.A. Textile Management, M.B.A. Apparel Management and M.B.A. Retail Management degree programmes (CBCS) to be offered in Non-Autonomous Affiliated colleges under R-2021 with effect from the Academic year 2022 - 2023.

1. M.B.A. Textile Management
2. M.B.A. Apparel Management
3. M.B.A. Retail Management

**9) ITEMS PERTAINING TO AGENDA FROM RESEARCH BOARD**

**FR28 TO CONSIDER AND APPROVE / RATIFY THE MINUTES OF THE MEETING OF THE 38<sup>th</sup> AND 39<sup>th</sup> RESEARCH BOARD HELD ON 19.01.2022 AND 15.06.2022 RESPECTIVELY.**

**RESOLVED TO APPROVE / RATIFY** the minutes of the meeting of the 38<sup>th</sup> and 39<sup>th</sup> Research Board held on 19.01.2022 and 15.06.2022 respectively.

➤ **Annexure FR28 - 38<sup>th</sup> & 39<sup>th</sup> Research Board Meeting**

**TABLE ITEMS**

**VC 28.21 TO CONSIDER AND APPROVE THE TRANSFER OF ELECTRONICS AND COMMUNICATION ENGINEERING PROGRAMMES FROM FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING TO FACULTY OF ELECTRICAL ENGINEERING.**





After deliberations the academic council has approved the formation of a new faculty entitled "Electronics and Communication Engineering", with the shifting of UG and PG programmes from Faculty of Electrical Engineering and Faculty of Information and Communication Engineering as per the details given in Annexure 28.21.

Annexure 28.21

**VC 28.22 TO DELIBERATE THE FORMATION OF FACULTY OF MULTIDISCIPLINARY ENGINEERING AND TECHNOLOGY.**

**RESOLVED TO APPROVE** the formation of faculty of Multidisciplinary Engineering and Technology. The UG/PG programmes that shall come under this faculty will be decided upon receiving inputs from the various stakeholders.

Annexure 28.22

**VC 28.23 TO CONSIDER AND APPROVE FRAMING OF STATUTES ON POWERS, FUNCTIONS AND DUTIES OF CONTROLLER OF EXAMINATIONS.**

**RESOLVED TO APPROVE** framing of statutes on Powers, Functions and duties of Controller of Examinations.

Statutes - CoE

**VC 28.24 TO CONSIDER AND APPROVE THE INTRODUCTION OF EMPLOYABILITY ENHANCEMENT SKILL BASED COURSES IN THE VARIOUS REGULATIONS R-2019 OF UNIVERSITY DEPARTMENTS AND R-2017 AND R-2021 OF NON-AUTONOMOUS AFFILIATED COLLEGES.**

**RESOLVED TO APPROVE** the introduction of the skill based courses in the curricula of the Bachelor of Engineering / Technology programmes by making necessary amendments in respective ongoing regulations of the University Departments and the non-autonomous affiliated colleges. The details of the same is given below.





**PRELUDE:**

It is proposed to offer Employability enhancement skill based industry relevant courses to the students of the University Departments and the non-autonomous affiliated colleges during every semester for enhancing the employability of the students.

To accommodate this, the skill-based / industry relevant courses are proposed to be included in the curriculum of Regulation 2019 of the University Departments and Regulations 2017 and Regulation 2021 of the non-autonomous affiliated colleges and following amendments are proposed.

**University Departments:**

The above courses are accommodated by amending in the Regulations 2019 of the University Departments and the modification in the curricula is as follows:

**Semester I and II:** Technical English and Professional Communication in the existing curriculum will be offered as Theory and Laboratory courses with the following Lecture Tutorial Practical Credit (LTPC) distribution, as detailed below.

Existing Curriculum			
Sem	Course Code	Course Title	L T P C
I	HS5151	Technical English	4 0 0 4
II	HS5251*	Professional Communication	4 0 0 4

Revised Curriculum			
Sem	Course Code	Course Title	L T P C
I	HS5151	Technical English	3 0 0 3
I	GE5172	English Laboratory	0 0 2 1
II	HS5251*	Professional Communication	2 0 0 2
II	GE5272	Communication Laboratory / Foreign Language	0 0 4 2

Here, English Laboratory and Communication Laboratory courses are alone skill based ones.

\* The courses HS5251-Professional Communication and GE5272-Communication Laboratory / Foreign Language shall be offered for programmes where HS5251-Professional Communication is one of the core course included in the existing curriculum. Whereas for all other branches, where HS5251-Professional Communication is not included as one of the courses in Semester-II in the existing curriculum, GE5272-Communication Laboratory / Foreign Language shall be offered only as a value added course in the second semester for the respective students.





**Semester III:** A Skill based one credit course called Professional Development Course is to be included in the curriculum in the Semester III with L T P C of 0 0 2 1.

**Semester IV:** A Value added skill based course of one credit, namely Math Solver Software, useful for the engineering programmes with L T P C of 0 0 4 2.

**Employability Enhancement Skill Based Courses: Semester V - VII**

Skill based experiential learning courses will be offered in two categories as purely Laboratory Based Courses and Theory Integrated Laboratory Courses with the following credits. One such course will be offered in every semester from V to VII.

Category	L	T	P	C
Laboratory Courses	0	0	4	2
	0	0	2	1
Theory integrated Laboratory Course	1	0	2	2

A student may accumulate up to 6 credits through such courses, and such credits will be considered in lieu of the Professional Elective and/or Open Elective courses.

These courses may be offered with the support of the identified firms/companies and with one course coordinator per course and a mentor from the firm.

In the case of students studying semester VII in the Academic year 2022-2023 shall enroll for the Skill based experiential learning courses as value added courses.

**Evaluation Procedure:**

The evaluation of the above mentioned courses are fully internal and shall be jointly done by the course coordinator from the institution and the mentor from the firm.

- (a) If the course involves certification from an identified firm/company, then 20% of the total marks will be included in the internal assessment marks, 30% will





be included from the marks provided by the firm and 50% shall be evaluated by the respective Course Coordinators of the college by conducting appropriate theory and / or laboratory tests.

- (b) If there is no certification from the firm/company, then 50% will be included from the marks provided by the firm and 50% shall be evaluated by the respective Course Coordinators of the college by conducting appropriate theory and / or laboratory tests.

**Non-Autonomous Affiliated Colleges:**

The above courses are accommodated by amending in Regulations 2017 and Regulations 2021 of the Non-Autonomous Affiliated Colleges and the modification in the curricula is as follows:

**Semester I and II (R-2021):** Professional English I and Professional English II in the existing curriculum will be offered as Theory and Laboratory courses with the following Lecture Tutorial Practical Credit (LTPC) distribution, as detailed below.

Existing Curriculum			
Sem	Course Code	Course Title	L T P C
I	HS3151	Professional English-I	4 0 0 4
II	HS3251	Professional English-II	4 0 0 4

Revised Curriculum			
Sem	Course Code	Course Title	L T P C
I	HS3151	Professional English-I	3 0 0 3
I	GE3172	English Laboratory	0 0 2 1
II	HS3251	Professional English-II	2 0 0 2
II	GE3272	Communication Laboratory / Foreign Language	0 0 4 2

Here, English Laboratory and Communication Laboratory courses are alone skill based ones.

**Semester III:** A Skill based, one credit course called Professional Development Course is to be included in the curriculum in the Semester III with L T P C of 0 0 2 1.

**Semester IV:** A Value added skill based course of one credit, namely Math Solver Software, useful for the engineering programmes with L T P C of 0 0 4 2.

**Employability Enhancement Skill Based Courses: Semester V–VII (R-2017)**

Skill based experiential learning courses will be offered in two categories as purely Laboratory Based Courses and Theory Integrated Laboratory Courses with the following credits. One such course will be offered in every semester from V to VII.





Category	L	T	P	C
Laboratory Courses	0	0	4	2
Theory Integrated Laboratory Course	1	0	2	2

A student may accumulate upto 6 credits through such courses, and such credits will be considered in lieu of the Professional Elective and/or Open Elective courses.

These courses may be offered with the support of the identified firms/companies and with one course coordinator per course and a mentor from the firm.

*In case of current students of Semester-VII of Regulations 2017, these courses shall be offered as value added course in Semester-VII.*

In the case of students studying semester VII in the Academic year 2022-2023 shall enroll for the Skill based experiential learning courses as value added courses.

**Evaluation Procedure:**

The evaluation of the above mentioned courses are fully internal and shall be jointly done by the course coordinator from the institution and the mentor from the firm.

- (a) If the course involves certification from an identified firm/company, then 20% of the total marks will be included in the internal assessment marks, 30% will be included from the marks provided by the firm and 50% shall be evaluated by the respective Course Coordinators of the college by conducting appropriate theory and / or laboratory tests.
- (b) If there is no certification from the firm/company, then 50% will be included from the marks provided by the firm and 50% shall be evaluated by the respective Course Coordinators of the college by conducting appropriate theory and / or laboratory tests.

REGISTRAR & SECRETARY  
OF THE ACADEMIC COUNCIL



PRINCIPAL  
Ganesh College of Engineering  
Attur Main Road, Mettup.  
SALEM-636 111