**CHENNAI – INDIA**

# ANNA UNIVERSITY : : CHENNAI – 600 025

## THE MINUTES OF THE 29TH MEETING OF THE ACADEMIC COUNCIL

**MINUTES OF THE 29th MEETING OF THE ACADEMIC COUNCIL HELD ON 19.04.2023 AT 10.30 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. S. Moorthy Babu | For Registrar i/c & Secretary of Academic Council, Anna University, Ch – 25. |
| 3. | Dr. R. Murugasan | Chairperson, Faculty of Civil Engineering, AU, Ch – 25. |
| 4. | Dr. D. Mohanlal | Chairperson, Faculty of Mechanical Engineering, AU, Ch – 25. |
| 5. | Dr. R.P.Kumudini Devi | Chairperson i/c, Faculty of Electrical Engineering, AU, Ch – 25. |
| 6. | Dr. S. Subramanian | Chairperson, Faculty of Technology, AU, Chennai – 25. |
| 7. | Dr. K.S. Easwara Kumar | Chairperson, Faculty of I & C, AU, Chennai – 25. |
| 8. | Dr. M. Kannan | Chairperson, Faculty of ECE, AU, Chennai – 25. |
| 9. | Dr. K. R. Sitalakshmi | Chairperson, Faculty of Architecture & Planning, AU, Ch – 25. |
| 10. | Dr. M. Chandrasekar | Chairperson, Faculty of Science & Humanities, AU, Ch – 25. |
| 11. | Dr. Jayanth Jacob | Chairperson, Faculty of Management Sciences, AU, Ch-25. |
| 12. | Dr. D. Arivudainambi | The Director, University Library, Anna University, Ch – 25. |
| 13. | Dr. M. Arularasan | The Principal, Thanthai Periyar Government Institute of Technology, TPGIT, Bagayam, Vellore – 632 002. |
| 14. | Dr. M.Palaninatharaja | The Principal, Thiagarajar College of Engineering, Tiruparankundram, Madurai – 625 015. |
| 15. | Dr. S. Sidhardha | The Principal, Government College of Engineering, Tirunelveli, Perumalpuram – 627 007. |
| 16. | Dr. M. Nataraj | The Principal, Government College of Engineering, Thanjavur, Sengipatti, Tiruchirappalli – 620 012. |
| 17. | Dr V.M. Shanthi | The Principal, Government College of Engineering, Srirangam, Sethurapatti, Thanjavur – 613 402. |

| 18. | Dr.V. Sumathy | The Principal, Government College of Engineering, Settikarai, Dharmapuri – 635 704. |
| 19. | Dr. A. Rajeswari | The Principal, Coimbatore Institute of Technology, Civil Aerodrome(post),Avinashi Road, Coimbatore - 641 014. |
| 20. | Dr.P.K.Palani | The Principal, Alagappa Chettiar Government College of Engineering and Technology, Karaikudi - 630 003. |
| 21. | Dr. B.V. Mudgal | Professor (Retired), Near Ashok Circle, Opp. S P Office Ginigera Road, Koppal – 583 231, Karnataka. |
| 22. | Dr. G. Nagarajan | Professor, Department of Mining Engineering, Anna University, Chennai – 25. |
| 23. | Dr. P. Vanaja Ranjan | Professor, Department of Electrical and Electronics Engineering, Anna University, Chennai – 25. |
| 24. | Dr. K. Malathi | Professor, Department of Electronics and Communication Engineering, Anna University, Chennai – 600 025. |
| 25. | Dr. L. Suganthi | Professor, Department of Management Studies, Anna University, Chennai – 600 025. |
| 26. | Dr. V. R. Giridev | Professor, Department of Textile Technology, Anna University, Chennai – 25. |
| 27. | Dr. Vaddi Seshagiri Rao | The Principal, St. Joseph's College of Engineering, Old Mahabalipuram Road (OMR), Chennai – 600 119. |
| 28. | Dr.D. Vasudevan | The Principal, PSNA College of Engineering and Technology, Kothandaraman Nagar, Dindigul – 624 622. |
| 29. | Dr. K. Palanikumar | The Principal, Sri Sai Ram Institute of Technology, Sai Leo Nagar, West Tambaram, Chennai – 600 044. |
| 30. | Dr. A.Ramesh | Principal, Chennai Institute of Technology, Puduper Village Nandambakkam Post, Kundrathur, Chennai – 600 069. |
| 31. | Dr. R. John Oral Bhaskar | The Principal, Kings Engineering College, Sriperumpudur Taluk, Kancheepuram. |
| 32. | Dr. D. Valavan . | Principal, Saranathan College of Engineering, Panjappur Tiruchirappalli District |
| 33. | Dr. K. Elangovan | The Principal, Dhanalakshmi Srinivasan Engineering College, Thuraiyur Road, Perambalur District – 621 212. |
| 34. | Dr. T. Elango | The Principal, Mahendra Institute of Technology, Mahendhirapuri, Vadugapalayam, Mallasamudram West |
| 35. | Dr. T. K. Kannan | The Principal, Gnanamani College of Technology, Pachal Post, Namakkal District – 637 018. |
| 36. | Dr. J. Maheswaran | Principal, St. Xavier Catholic College of Engineering, Chunkankadai, Nagercoil, Kanyakumari District. |
| 37. | Dr. T. Alwarsamy | Former Principal, Government College of Engineering, Bargur, No.1, 93rd street, 21st Avenue, Ashok Nagar, Ch – 83. |
| 38. | Thiru. Karthick Athmanathan, | Sr. Vice President, BU Head-EV's and Emobility Solutions Ashok Leyland Ltd. Chennai, Tamil Nadu – 600 004. |
| 39. | Thiru .KK. Kamalakannan | Managing Director, UTRACON Structural Systems, Adayar, Chennai. |
| 40. | 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. |

| 41. | Dr. N. Ramesh Babu | Professor, Department of Mechanical Engineering, Indian Institute of Technology Madras, Chennai – 600 036. |
| 42. | Dr.V.Thirunavukkarasu | The Principal i/c, Government College of Engineering, Bodinayakkanur, Theni – 625 513. |

## Special Invitees

| 43. | The Dean | CEG Campus, Anna University, Chennai - 25. |
| 44. | The Dean i/c | ACT Campus, Anna University, Chennai - 25. |
| 45. | The Dean | SAP Campus, Anna University, Chennai - 25. |
| 46. | The Controller of Examinations i/c | Anna University, Chennai - 600 025. |
| 47. | The Additional Controller of Examinations (UDs) | Anna University, Chennai - 600 025. |
| 48. | The Director | Centre for Research, Anna University, Chennai – 25. |
| 49. | The Director i/c | Centre for Distance Education, Anna University,Ch –25. |
| 50. | The Director i/c | Centre for Affiliation of Institutions, Anna University, Chennai – 25. |
| 51. | The 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 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 Additional 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.

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

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

**VC 29.01**   **TO NOTE THE APPROVAL GIVEN BY THE SYNDICATE TO THE MINUTES OF THE 28th MEETING OF THE ACADEMIC COUNCIL HELD ON 12.08.2022.**

The Minutes of the 28th Meeting of the Academic Council held on 12.08.2022 as approved by the Syndicate in its meeting held on 20.09.2022.

The approval of the Minutes of the 28th Academic Council meeting by the Syndicate is noted.

**Annexure 1 - Minutes of 28th Academic Council**

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

**VC 29.02**   **TO CONSIDER AND APPROVE CERTAIN AMENDMENTS MADE TO THE STATUTES AND REGULATIONS OF AUTONOMOUS COLLEGES AND THE STATUTES OF UNIVERSITY DEPARTMENTS AND NON-AUTONOMOUS COLLEGES AFFILIATED TO ANNA UNIVERSITY.**

Anna University had been following *Anna University Statutes on Autonomous Colleges 2003* for grant of autonomy to government, government aided and self-financing affiliated colleges since 2003. Further, UGC has brought forth *University Grants Commission (Conferment of Autonomous Status Upon Colleges and Measures for Maintenance of Standards in Autonomous Colleges) Regulations, 2018* and from then on the application for grant of autonomy was processed based on UGC Regulations and Anna University guidelines for award of fresh / extension of Autonomous Status (Annexure 2). In order to provide statutory power to these guidelines, statutes were amended for autonomous colleges and placed in the 28th Academic Council meeting and the same was approved by it (Annexure 3). In the light of revised *University Grants Commission (Conferment of Autonomous Status Upon Colleges and Measures for Maintenance of*

*Standards in Autonomous Colleges) Regulations, 2023* brought by UGC for grant of autonomy it is proposed to revise the draft statutes of Anna University with regard to grant of autonomy, as given in Annexure 4.

Further, in the 28th Academic Council draft statutes for University Departments and Non-Autonomous Affiliated colleges were also put forth and was approved by it (Annexure 2). However, it is proposed to revise the draft statues of University Departments and Non-Autonomous Affiliated colleges as given in Annexure 4.

**RESOLVED TO APPROVE** certain amendments made to the draft Statutes of Autonomous colleges and the draft statutes of University Departments and Non-Autonomous colleges affiliated to Anna University**.**

    **Annexure 2**    -    Anna University guidelines for award of fresh / extension of Autonomous Status

    **Annexure 3**    -    Draft Statutes of University Departments, Non-Autonomous and Autonomous Colleges approved by 28th Academic Council.

    **Annexure 4**    -    Draft Statutes for Academic matters approved by 29th Academic Council

**VC 29.03 TO CONSIDER AND APPROVE GRANTING OF SPECIAL PERMISSION TO THE INDIVIDUAL STUDENTS FOR ADDITIONAL PERIOD OF STUDY TO COMPLETE THEIR DEGREE PROGRAMMES.**

**RESOLVED TO APPROVE** granting of special permission to the individual students for additional period of study to complete their degree programmes based on the recommendations of the committee constituted by the Vice-Chancellor, which will submit its recommendations based on the merit of the case (Student details are presented in Annexure 5).

**Annexure 5**

**VC 29.04 TO CONSIDER AND APPROVE GRANTING OF SPECIAL PERMISSION FOR ADDITIONAL PERIOD OF STUDY TO THE INDIVIDUAL STUDENTS TO UNDERGO ONE OR MORE ADDITIONAL COURSES OF STUDY TO COMPLETE THEIR DEGREE PROGRAMMES.**

**RESOLVED TO APPROVE** granting of special permission for additional period of study to the individual students to undergo one or more additional courses of study to complete their degree programmes, as per the procedure laid down in annexure 6.

### Annexure 6

### I.    UNIVERSITY DEPARTMENTS OF ANNA UNIVERSITY

**VC 29.05 TO CONSIDER AND RATIFY CERTAIN AMENDMENTS MADE IN THE REGULATIONS OF ALL THE UG DEGREE PROGRAMMES OFFERED IN THE UNIVERSITY DEPARTMENTS UNDER R-2019 (CBCS).**

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

### Annexure 7 -  B.E. / B. Tech. Regulations 2019 (CBCS)

**VC 29.06 TO CONSIDER AND RATIFY THE CURRICULUM AND SYLLABUS OF FOLLOWING COURSES UNDER R-2019 (CBCS) THAT ARE BEING OFFERED IN UNIVERSITY DEPARTMENTS DURING THE ACADEMIC YEAR 2022 – 2023.**

**RESOLVED TO RATIFY** the curriculum and syllabus of following courses under R-2019 (CBCS) that are being offered in University Departments during the academic year 2022 – 2023.

| S. No. | SEMESTER | COURSE TITLE | L | T | P | C |
|--------|----------|--------------|---|---|---|---|
| 1. | I | தமிழர் மரபு /Heritage of Tamils | 1 | 0 | 0 | 1 |
| 2. | I | Technical English | 3 | 0 | 0 | 3 |
| 3. | II | தமிழரும் தொழில்நுட்பமும் / Tamils and Technology | 1 | 0 | 0 | 1 |
| 4. | II | Professional Communication | 2 | 0 | 0 | 2 |

**VC 29.07 TO CONSIDER AND APPROVE THE CHANGE OF STUDENTS INTAKE IN THE UG DEGREE PROGRAMMES OFFERED IN CERTAIN UNIVERSITY DEPARTMENTS OF ANNA UNIVERSITY WITH EFFECT FROM THE ACADEMIC YEAR 2023-2024 ONWARDS.**

**RESOLVED TO APPROVE** the change of students intake in the UG degree programmes offered in certain University Departments of CEG Campus of Anna University with effect from the Academic year 2023-2024 onwards.

**Annexure 8 -** Change of Intake **(CEG Campus)**

**RESOLVED TO DEFER** the change of students intake in the UG degree programmes offered in certain University Departments of MIT Campus of Anna University with effect from the Academic year 2023-2024 onwards.

**Annexure 9 -** Change of Intake **(MIT Campus)**

## II.NON AUTONOMOUS COLLEGES AFFILIATED TO ANNA UNIVERSITY

**VC 29.08 TO CONSIDER AND RATIFY CERTAIN AMENDMENTS MADE IN THE REGULATIONS 2017 FOR ALL THE UG DEGREE PROGRAMMES OFFERED IN THE NON-AUTONOMOUS AFFILIATED COLLEGES OF ANNA UNIVERSITY.**

**RESOLVED TO RATIFY** certain amendments made in the Regulations 2017 for all the UG degree programmes offered in the Non-Autonomous affiliated colleges of Anna University.

**Annexure 10 –** UG Regulations 2017 (CBCS)

**VC 29.09 TO CONSIDER AND RATIFY CERTAIN AMENDMENTS MADE IN THE REGULATIONS 2021 (CBCS) FOR ALL THE UG DEGREE PROGRAMMES OFFERED IN THE NON-AUTONOMOUS AFFILIATED COLLEGES OF ANNA UNIVERSITY.**

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

**Annexure 11 –** UG Regulations 2021 (CBCS)

**VC 29.10 TO CONSIDER AND APPROVE THE REGULATIONS 2023 FOR THE UG (TRAINING INTEGRATED) B.E. ELECTRICAL AND ELECTRONICS ENGINEERING DEGREE PROGRAMME TO BE OFFERED BY UCE, KANCHIPURAM, A CONSTITUENT COLLEGE OF ANNA UNIVERSITY THROUGH A MOU WITH M/S MANDO AUTOMOTIVE PVT LIMITED, SRIPERUMBUDUR, WITH EFFECT FROM THE ACADEMIC YEAR 2023 - 2024.**

**RESOLVED TO APPROVE** the Regulations 2023 for the UG (Training Integrated) B.E. Electrical and Electronics Engineering degree programme to be offered by UCE, Kanchipuram, a Constituent college of Anna University through a MOU with M/s Mando Automotive Pvt Limited, Sriperumbudur, with effect from the academic year 2023 - 2024.

**Regulations 2023** – UG (Training Integrated)

**VC 29.11 TO CONSIDER AND RATIFY THE CURRICULUM AND SYLLABUS OF THE COURSES UNDER R-2021 (CBCS) THAT ARE BEING OFFERED IN NON-AUTONOMOUS COLLEGES AFFILIATED TO ANNA UNIVERSITY DURING THE ACADEMIC YEAR 2022 – 2023.**

**RESOLVED TO RATIFY** the curriculum and syllabus of following courses under R-2021 (CBCS) that are being offered in Non-Autonomous colleges affiliated to Anna University during the academic year 2022 – 2023.

| S. No. | SEMESTER | COURSE TITLE | L | T | P | C |
|--------|----------|--------------|---|---|---|---|
| 1. | I | தமிழர் மரபு /Heritage of Tamils | 1 | 0 | 0 | 1 |
| 2. | I | Professional English - I | 3 | 0 | 0 | 3 |
| 3. | II | தமிழரும் தொழில்நுட்பமும் / Tamils and Technology | 1 | 0 | 0 | 1 |
| 4. | II | Professional English - II | 2 | 0 | 0 | 2 |

| Mandatory Courses | | | | | | |
|---|---|---|---|---|---|---|
| 5. | V (MC1) | Disaster Risk Reduction and Management | 3 | 0 | 0 | 0 |
| 6. | VI (MC2) | Industrial Safety | 3 | 0 | 0 | 0 |
| 7. | | Well Being with traditional practices (Yoga, Ayurveda and Siddha) | 3 | 0 | 0 | 0 |
| Environment and Sustainability (Vertical to be offered for Minor) | | | | | | |
| 1. | | Sustainable infrastructure Development | 3 | 0 | 0 | 3 |
| 2. | | Sustainable Agriculture and Environmental Management | 3 | 0 | 0 | 3 |
| 3. | | Sustainable Bio Materials | 3 | 0 | 0 | 3 |
| 4. | | Materials for Energy Sustainability | 3 | 0 | 0 | 3 |
| 5. | | Green Technology | 3 | 0 | 0 | 3 |
| 6. | | Environmental Quality Monitoring and Analysis | 3 | 0 | 0 | 3 |
| 7. | | Integrated Energy Planning for Sustainable Development | 3 | 0 | 0 | 3 |
| 8. | | Energy Efficiency for Sustainable Development | 3 | 0 | 0 | 3 |

**VC 29.12  TO CONSIDER AND RATIFY THE SYLLABUS OF SKILL BASED COURSES IN THE CURRICULUM FROM SEMESTERS I TO VII AND NECESSARY AMENDMENTS IN RESPECTIVE ONGOING REGULATIONS OF THE BACHELOR OF ENGINEERING / TECHNOLOGY PROGRAMMES UNDER R–2019 OF UNIVERSITY DEPARTMENTS AND R-2017 AND R-2021 OF NON-AUTONOMOUS COLLEGES AFFILIATED TO ANNA UNIVERSITY, THAT ARE BEING OFFERED DURING THE ACADEMIC YEAR 2022 – 2023.**

**RESOLVED TO RATIFY** the syllabus of skill based courses in the curriculum from semesters I to VII and necessary amendments in respective ongoing regulations of the bachelor of Engineering / Technology programmes under R–2019 of University Departments and R-2017 and R-2021 of Non-Autonomous colleges affiliated to Anna University, that are being offered during the academic year 2022 – 2023.

| S. NO. | SEMESTER | COURSE TITLE | L | T | P | C |
|---|---|---|---|---|---|---|
| 1. | I | English Laboratory | 0 | 0 | 2 | 1 |
| 2. | II | Communication Laboratory / Foreign Language | 0 | 0 | 4 | 2 |
| 3. | III | Professional Development | 0 | 0 | 2 | 1 |
| 4. | V | Building Information Modelling | 1 | 0 | 2 | 2 |
| 5. | | Transportation Infrastructure Airports, Metros and Seaports | 1 | 0 | 2 | 2 |
| 6. | | Powering IoT using Arduino or Raspberry Pi | 1 | 0 | 2 | 2 |
| 7. | | Cybersecurity Essentials | 1 | 0 | 2 | 2 |
| 8. | | Full Stack | 1 | 0 | 2 | 2 |
| 9. | | AR VR Development | 1 | 0 | 2 | 2 |
| 10. | | Machine Learning with Application to Object Recognition | 1 | 0 | 2 | 2 |
| 11. | | Cloud Essentials | 1 | 0 | 2 | 2 |
| 12. | | Fundamentals of BigData Analytics | 1 | 0 | 2 | 2 |
| 13. | V & VII | Robotics Simulation for Manufacturing | 1 | 0 | 2 | 2 |
| 14. | | Introduction to Machine Learning | 1 | 0 | 2 | 2 |
| 15. | | Electric Systems for E-Mobility (Mechanical) | 1 | 0 | 2 | 2 |
| 16. | | Electric Vehicle Charging Systems for EEE | 1 | 0 | 2 | 2 |
| 17. | | Smart Energy Grid | 1 | 0 | 2 | 2 |
| 18. | VII | Design and Construction of Steel Buildings | 1 | 0 | 2 | 2 |
| 19. | | High Rise Building Design | 1 | 0 | 2 | 2 |
| 20. | | Basics of Industry 4.0 | 1 | 0 | 2 | 2 |

**VC 29.13  TO CONSIDER AND RATIFY THE SYLLABUS OF SKILL BASED COURSES AND NECESSARY AMENDMENTS IN RESPECTIVE ONGOING REGULATIONS OF THE BACHELOR OF ENGINEERING / TECHNOLOGY PROGRAMMES UNDER R-2018, R-2019 OF UNIVERSITY DEPARTMENTS AND R-2017, R-2021 OF NON-AUTONOMOUS COLLEGES AFFILIATED TO ANNA UNIVERSITY, THAT ARE BEING OFFERED DURING THE ACADEMIC YEAR 2022 – 2023.**

**RESOLVED TO RATIFY** the syllabus of Skill Based Courses and necessary amendments in respective ongoing regulations of the bachelor of Engineering / Technology programmes under R-2018, R-2019 of university departments and R-2017, R-2021 of non-autonomous colleges affiliated to Anna University, that are being offered during the academic year 2022 – 2023.

a) **Skill Based Courses - Syllabus**

| S. NO. | SEM | Faculty of the Course | COURSE CODE | COURSE TITLE | L | T | P | C |
|--------|-----|------------------------|-------------|--------------|---|---|---|---|
| 1. | IV | Mechanical | SB8018 | Product Design Engineering and Modelling | 1 | 0 | 2 | 2 |
| 2. | IV | | SB8019 | Manufacturing of Mechanical Components using CNC Turning / Milling | 1 | 0 | 2 | 2 |
| 3. | IV | | SB8020 | Product Design and Manufacturing - 3D Surface Modelling | 1 | 0 | 2 | 2 |
| 4. | IV | I & C | SB8021 | Network Essentials | 1 | 0 | 2 | 2 |
| 5. | IV | | SB8022 | Industrial Metaverse Using mixed reality (XR) | 1 | 0 | 2 | 2 |
| 6. | IV | | SB8023 | Foundations for AI, ML, FS | 1 | 0 | 2 | 2 |
| 7. | IV | I & C | SB8024 | Block Chain Development | 1 | 0 | 2 | 2 |
| 8. | IV | I & C | SB8025 | Digital Marketing | 1 | 0 | 2 | 2 |
| 9. | IV | Mechanical | SB8026 | Robotic Process Automation Development | 1 | 0 | 2 | 2 |
| 10. | VI | Electrical | SB8027 | Embedded System Design - Board Design and Debug | 1 | 0 | 2 | 2 |
| 11. | VI | | SB8028 | Design of Photo Voltaic System | 1 | 0 | 2 | 2 |
| 12. | VI | | SB8029 | Electric Vehicle Charging System Design | 1 | 0 | 2 | 2 |
| 13. | VI | | SB8030 | Embedded System Design and Applications | 1 | 0 | 2 | 2 |
| 14. | VI | | SB8031 | Embedded System Design - Industrial Applications | 1 | 0 | 2 | 2 |
| 15. | VI | Civil | SB8032 | Sustainable Building Design | 1 | 0 | 2 | 2 |
| 16. | VI | I & C | SB8033 | Network Engineering | 1 | 0 | 2 | 2 |
| 17. | VI | Civil | SB8034 | Architecture Vizualisation using AR/VR | 1 | 0 | 2 | 2 |
| 18. | VI | Technology | SB8035 | Plant Simulation | 1 | 0 | 2 | 2 |
| 19. | VI | Mechanical | SB8036 | EV Design | 1 | 0 | 2 | 2 |
| 20. | VI | I & C | SB8037 | Full Stack Development | 1 | 0 | 2 | 2 |
| 21. | VI | Mechanical | SB8038 | Smart and Advanced Manufacturing – Design & Simulation | 1 | 0 | 2 | 2 |
| 22. | VI | Technology | SB8039 | Smart and Advanced Manufacturing – Process Simulation | 1 | 0 | 2 | 2 |
| 23. | VI | I & C | SB8040 | Professional Readiness for Innovation, Employment and Entrepreneurship | 1 | 0 | 2 | 2 |

b) **Procedure for enrollment of Skill Based Courses in lieu of Professional Electives / Open Elective courses and computation of Grade points.**

The recommendations of the Board of Studies members are given in the Annexure.

**VC 29.14 TO CONSIDER AND APPROVE THE TEMPORARY SUSPENSION OF THE FOLLOWING UG (ENGLISH MEDIUM / TAMIL MEDIUM) DEGREE PROGRAMMES OFFERED IN CONSTITUENT COLLEGES OF ANNA UNIVERSITY WITH EFFECT FROM THE ACADEMIC YEAR 2023 – 2024 ONWARDS.**

**RESOLVED TO APPROVE** the temporary suspension of the following UG (English medium / Tamil medium) degree programmes offered in Constituent colleges of Anna University with effect from the Academic year 2023 – 2024 onwards.

**Annexure 12 –** Temporary Suspension

**VC 29.15 TO CONSIDER AND APPROVE THE REDUCTION OF STUDENTS INTAKE IN THE UG (TAMIL MEDIUM) PROGRAMMES OFFERED IN CERTAIN CONSTITUENT COLLEGES OF ANNA UNIVERSITY WITH EFFECT FROM THE ACADEMIC YEAR 2023-2024 ONWARDS.**

**RESOLVED TO APPROVE** the reduction of students intake in the UG (Tamil Medium) programmes offered in certain Constituent colleges of Anna university with effect from the Academic year 2023-2024 onwards.

**Annexure 13** - Reduction of Intake

1. **ITEMS PERTAINING TO THE FACULTY OF CIVIL ENGINEERING**

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

**FC29.01 TO CONSIDER AND APPROVE THE FOLLOWING CHANGES INCORPORATED IN THE CURRICULUM AND SYLLABUS OF SEMESTERS VI AND VII FOR THE B. E. CIVIL ENGINEERING DEGREE PROGRAMME (CBCS) TO BE OFFERED IN NON-AUTONOMOUS COLLEGES AFFILIATED TO ANNA UNIVERSITY UNDER R-2021.**

**Recommendation of the Board of Studies**

(i)    **Inclusion of the course - Engineering Geology in Semester VI.**

-      **Merging of the courses - Hydrology and Water Resources Engineering (Semester VI) & Irrigation Engineering and Drawing (Semester VII) as Hydrology and Irrigation Engineering, to be offered in Semester VII.**

**Members suggested that**

1. The course on Engineering Geology is included in Semester VI.
2. The course on Hydrology and Water Resources Engineering (Semester VI) shall be shifted to Semester VII and
3. The course on Irrigation Engineering and Drawing (Semester VII) shall be shifted to Water Resources (Vertical VII) instead of Participatory Water Resources Management.

The above corrections shall be incorporated in the curriculum under R-2021.

**RESOLVED TO APPROVE** the suggestions of the members with regard to the change in the Curriculum and Syllabus of semesters VI and VII for the B. E. Civil Engineering degree programme (CBCS) to be offered in Non-Autonomous colleges affiliated to Anna University under R-2021.

2.    **ITEMS PERTAINING TO THE FACULTY OF ELECTRICAL ENGINEERING**

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

FE29.01    **TO CONSIDER AND APPROVE THE CURRICULUM AND SYLLABUS OF I TO VIII SEMESTERS FOR THE B.E. ELECTRICAL AND ELECTRONICS ENGINEERING (TRAINING INTEGRATED) B.E. ELECTRICAL AND ELECTRONICS ENGINEERING DEGREE PROGRAMME TO BE OFFERED BY UCE, KANCHIPURAM, A CONSTITUENT COLLEGE OF ANNA UNIVERSITY THROUGH A MOU WITH M/S MANDO AUTOMOTIVE PVT LIMITED, SRIPERUMBUDUR, WITH EFFECT FROM THE ACADEMIC YEAR 2023 - 2024.**

**RESOLVED TO APPROVE** the curriculum and syllabus of I to VIII semesters for the B.E. Electrical and Electronics Engineering (Training Integrated) B.E. Electrical and Electronics Engineering degree programme to be offered by UCE, Kanchipuram, a Constituent college of Anna University through a MOU with M/S Mando Automotive Pvt Limited, Sriperumbudur, with effect from the academic year 2023 - 2024.

**B.E. Electrical and Electronics Engineering – (Training Integrated)**

3. **ITEMS PERTAINING TO THE FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING**

**FI29.01** **TO CONSIDER AND APPROVE THE CURRICULUM AND SYLLABI OF MASTER OF COMPUTER APPLICATIONS DEGREE PROGRAMME TO BE OFFERED THROUGH OPEN AND DISTANCE LEARNING MODE, CENTRE FOR DISTANCE EDUCATION, ANNA UNIVERSITY, CHENNAI UNDER R-2023 AS PER THE MANDATORY NORMS PRESCRIBED BY THE UGC-DEB.**

**RESOLVED TO APPROVE** the Curriculum and Syllabi of master of Computer Applications degree programme to be offered through open and distance learning mode, Centre for Distance Education, Anna University, Chennai under R-2023 as per the mandatory norms prescribed by the UGC-DEB.

**Curriculum and Syllabi – Master of Computer Applications**

**FI29.02** **TO CONSIDER AND APPROVE THE PROGRAMME PROJECT REPORT (PPR) AND SELF LEARNING MATERIAL (SLM) FOR MCA DEGREE PROGRAMME OFFERED THROUGH OPEN AND DISTANCE LEARNING MODE AT CENTRE FOR DISTANCE EDUCATION, ANNA UNIVERSITY, CHENNAI WHICH IS TO BE EFFECTIVE FROM ACADEMIC YEAR 2023 – 2024 AS PER THE MANDATORY REQUIREMENT OF THE UGC-DEB.**

**RESOLVED TO APPROVE** the programme Project Report (PPR) and self learning material (slm) for mca degree programme offered through open and distance learning mode at centre for distance education, anna university, chennai which is to be effective from academic year 2023 – 2024 as per the mandatory requirement of the UGC-DEB.

<span style="color:purple">**Programme Project Report (PPR)**</span>
<span style="color:purple">**Self Learning Material (SLM)**</span>

## 4. ITEMS PERTAINING TO THE FACULTY OF SCIENCE AND HUMANITIES

**FS29.01**    **TO CONSIDER AND APPROVE THE CURRICULUM AND SYLLABI OF M.Sc. DEGREE PROGRAMME OFFERED THROUGH OPEN AND DISTANCE LEARNING MODE, CENTRE FOR DISTANCE EDUCATION, ANNA UNIVERSITY, CHENNAI UNDER R-2023 AS PER THE MANDATORY NORMS PRESCRIBED BY THE UGC-DEB.**

**RESOLVED TO APPROVE** the curriculum and syllabi of M.Sc. degree programme offered through open and distance learning mode, Centre for Distance Education, Anna University, Chennai under R-2023 as per the mandatory norms prescribed by the UGC-DEB.

<span style="color:purple">**M.Sc. Computer Science – Curriculum and Syllabi**</span>

**FS29.02**    **TO CONSIDER AND APPROVE THE PROGRAMME PROJECT REPORT (PPR) AND SELF LEARNING MATERIAL (SLM) FOR M.Sc. DEGREE PROGRAMME OFFERED THROUGH OPEN AND DISTANCE LEARNING MODE AT CENTRE FOR DISTANCE EDUCATION, ANNA UNIVERSITY, CHENNAI WHICH IS TO BE EFFECTIVE FROM ACADEMIC YEAR 2023 – 2024 AS PER THE MANDATORY REQUIREMENT OF THE UGC-DEB.**

**RESOLVED TO APPROVE** the Programme Project Report (PPR) and Self Learning Material (SLM) for M.Sc. degree programme offered through open and distance learning mode at Centre for Distance Education, Anna University, Chennai which is to be effective from Academic year 2023 – 2024 as per the mandatory requirement of the UGC-DEB.

<span style="color:purple">**Programme Project Report (PPR)**</span>
<span style="color:purple">**Self Learning Material (SLM)**</span>

### 5. <u>ITEMS PERTAINING TO THE FACULTY OF MANAGEMENT SCIENCES</u>

**FN29.01 TO CONSIDER AND APPROVE THE NEW REGULATIONS 2023 FOR M.B.A., M.C.A. AND M.Sc. DEGREE PROGRAMMES TO BE OFFERED THROUGH OPEN AND DISTANCE LEARNING MODE AT CENTRE FOR DISTANCE EDUCATION, ANNA UNIVERSITY, CHENNAI WHICH IS TO BE EFFECTIVE FROM ACADEMIC YEAR 2023 – 2024 TO MEET OUT THE REQUIREMENT OF THE UGC -DEB REGULATIONS FOR RECOGNITION OF DISTANCE EDUCATION PROGRAMMES OFFERED AT ANNA UNIVERSITY.**

**RESOLVED TO APPROVE** the new Regulations 2023 for M.B.A., M.C.A. and M.Sc. degree programmes to be offered through open and distance learning mode at Centre for Distance Education, Anna University, Chennai which is to be effective from Academic year 2023 – 2024 to meet out the requirement of the UGC -DEB regulations for recognition of distance education programmes offered at Anna University.

### <u>Regulations 2023 – M.B.A., M.C.A. and M.Sc.</u>

**FN29.02 TO CONSIDER AND APPROVE THE CURRICULUM AND SYLLABI OF M.B.A. DEGREE PROGRAMME OFFERED THROUGH OPEN AND DISTANCE LEARNING MODE, CENTRE FOR DISTANCE EDUCATION, ANNA UNIVERSITY, CHENNAI UNDER R-2023 AS PER THE MANDATORY NORMS PRESCRIBED BY THE UGC-DEB.**

**RESOLVED TO APPROVE** the Curriculum and Syllabi of M.B.A. degree programme offered through open and distance learning mode, Centre for Distance Education, Anna University, Chennai under R-2023 as per the mandatory norms prescribed by the UGC-DEB.

### <u>Curriculum</u> & <u>Syllabi</u>

**FN29.03**  **TO CONSIDER AND APPROVE THE PROGRAMME PROJECT REPORT (PPR) AND SELF LEARNING MATERIAL (SLM) FOR MBA DEGREE PROGRAMME OFFERED THROUGH OPEN AND DISTANCE LEARNING MODE AT CENTRE FOR DISTANCE EDUCATION, ANNA UNIVERSITY, CHENNAI WHICH IS TO BE EFFECTIVE FROM ACADEMIC YEAR 2023 – 2024 AS PER THE MANDATORY REQUIREMENT OF THE UGC-DEB.**

**RESOLVED TO APPROVE** the programme Project Report (PPR) and Self Learning Material (SLM) for MBA degree programme offered through open and distance learning mode at centre for distance education, Anna University, chennai which is to be effective from Academic year 2023 – 2024 as per the mandatory requirement of the UGC-DEB.

<u>**Programme Project Report (PPR)**</u>

<u>**Self Learning Material (SLM)**</u>

**FN29.04**  **TO CONSIDER AND APPROVE THE MARKS OF THE PROJECT WORK FOR MBA PROGRAMMES VIZ., MBA (BUSINESS ANALYTICS) AND MBA (GENERAL MANAGEMENT) UNDER REGULATIONS 2021 OFFERED UNDER ONLINE MODE TO BE CHANGED FROM 100 MARKS TO 400 MARKS TO MATCH THE CREDITS (12) ALLOTTED TO the PROJECT WORK.**

**RESOLVED TO APPROVE** the marks of the Project Work for MBA programmes viz., MBA (Business Analytics) and MBA (General Management) under Regulations 2021 offered under online mode to be changed from 100 marks to 400 marks to match the credits (12) allotted to the project work.

<u>**MBA (Business Analytics)**</u>

<u>**MBA (General Management)**</u>

**REGISTRAR & SECRETARY**
**OF THE ACADEMIC COUNCIL**

19.4.2023