

Government College of Engineering, Salem- 11

(An Autonomous Institution affiliated to Anna University, Chennai)



SELF-STUDY REPORT



CRITERION 3

3.7.1 Number of functional MoUs/linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years

(Submitted to National Assessment and Accreditation Council)

Self Declaration

This is to certify that the supporting documents for this metric exceed the 5MB upload limit. Therefore, links to sample documents and some samples are provided in the following pages. Any/all Supporting documents will be provided, if required. All links, documents and images are verified and authenticated.

 5/2/24

IQAC – Chairperson

**Internal Quality Assurance Cell
Govt. College of Engineering
Salem - 636 011.**

**MoUs/linkages with institutions/ industries in India for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years
(from 2018-2019 to 2022-2023)**

| S. No. | Year of signing MoU | Name of the organization with whom MOU/Collaboration being signed | Duration | List of Activity | Date of the activity conducted | | Document Link |
|--------|---------------------|---|----------|--|--------------------------------|------------|--------------------------------|
| | | | | | Starting | Ending | |
| 1 | 01.02.2017 | State of Tamil Nadu and GCE | 3 Years | Project Implementation plan of TEQIP -III | 01.09.2017 | 22.01.2021 | 3.7.1/Link 1.1 |
| 2 | 22.07.2017 | National Project Implementation Unit (NPIU) | 3 Years | Theory of Computation” for CSE students at GEC, Raipur | 28.08.2018 | 30.08.2018 | 3.7.1/Link 1.2 |
| | | | | NBA – Civil and Mechanical Engineering and SAR – Electronics Telecommunication and ECE departments | 28.11.2018 | 30.11.2018 | |
| | | | | Workshop on half day session on " Eight ways to relish Engineering Education" at GCE, Raipur | 29.11.2018 | - | |
| | | | | Training and Placement activity of Planning for Placement activity such as surrounding Industry, Preparing the list of industry outside the Raipur and how to prepare the students placement at GEC, Raipur from by the placement officer, GCE, Salem. | 06.12.2018 | 07.12.2018 | |

| | | | | | |
|--|--|--|---|------------|------------|
| | | | Supporting and Participating NBA experts committee for Civil and Mechanical Engineering | 14.02.2019 | 17.02.2019 |
| | | | Demonstrated about LAB Experiments in Physics for First Year Students and Faculty at GEC, Raipur | 15.04.2019 | 16.04.2019 |
| | | | GEC, Raipur Mock NBA visit and report Submission | 25.06.2019 | 26.06.2019 |
| | | | Student Workshop on Recent trends in Engineering materials and manufacture technology” at GEC, Raipur | 06.08.2019 | 07.08.2019 |
| | | | supporting and assisting during NBA team visit for Electrical & Electronics Engineering and Electronics & Telecommunication Engineering at GEC, Raipur | 28.8.2019 | 01.09.2019 |
| | | | 5 Days Workshop on “Experimental Design, Prediction of Mathematical Modelling and Optimization tools for Engineering Applications using MATLAB” at GCE, Salem | 03.09.2019 | 07.09.2019 |
| | | | Workshop on Jeva programming and Application | 12.09.2019 | 13.09.2019 |
| | | | Data structures and Algorithm seminar at GEC, Raipur | 12.09.2019 | 13.09.2019 |
| | | | Data mining and warehousing at GEC, Raipur | 12.09.2019 | 13.09.2019 |

| | | | | | |
|--|--|--|--|------------|------------|
| | | | Workshop on “Soft Computing genetic Algorithm” at Department of EEE GEC, Raipur | 12.09.2019 | 13.09.2019 |
| | | | Workshop on “ Linear control systems-state variable analysis and design” at Department of EEE GEC, Raipur | 12.9.2019 | 13.09.2019 |
| | | | Workshop on“ Electrical drives in electric traction systems” at Department of EEE GEC, Raipur | 12.09.2019 | 13.09.2019 |
| | | | Students training on Microprocessor and its applications to students at GEC, Raipur | 12.09.2019 | 13.09.2019 |
| | | | Workshop on “ Geotechnical Engineering-I” at Civil department GEC, Raipur | 17.09.2019 | 19.09.2019 |
| | | | Workshop on “Fluid mechanics-I” at Civil department GEC, Raipur | 17.09.2019 | 19.09.2019 |
| | | | Workshop on Wireless communication at GEC, Raipur | 23.09.2019 | 24.09.2019 |
| | | | Workshop on Antenna and Wave Propagation at GEC, Raipur | 23.09.2019 | 24.09.2019 |
| | | | Three Faculty attend National level FDP on “Electrical Energy Audit” at EEE Department GCE, Salem from GEC, Raipur | 24.09.2019 | 25.09.2019 |
| | | | Three Faculty Members from GEC, Raipur attended One week Workshop | 10.10.2019 | 16.10.2019 |

| | | | | | | | |
|---|------------|-------------|---------|--|------------|------------|--------------------------------|
| | | | | on “Embedded Architecture, C Programming with Application” in EEE Department at GCE, Salem | | | |
| 3 | 18.12.2017 | Infosys Ltd | 2 Years | Industry Elective Subject “Business Intelligence and Applications” | 01.12.2018 | 01.04.2019 | 3.7.1/Link 1.3 |
| 4 | 08.03.2018 | Sriwin | 3 Years | 36 KV spout die cavity | 31.07.2018 | 10.09.2018 | 3.7.1/Link 1.4 |
| | | | | Die shell and Cavity insulator | 30.05.2019 | 20.06.2019 | |
| | | | | Housing shaft and Tulip contact milling | 24.02.2020 | 28.02.2020 | |
| | | | | Spout die work and Tulip contact | 04.04.2021 | 29.01.2021 | |
| 5 | 31.03.2018 | ICT Academy | 1 Year | Five days FDP on “ Database Programming with PL/SQL” | 20.08.2018 | 24.08.2018 | 3.7.1/Link 1.5 |
| | | | | Cloud Infrastructure and services with soft skills | 09.01.2019 | 08.03.2019 | |
| | | | | " Technical and Employability Training Program" organized by ICTACT and TNSDC. | 02.02.2019 | 16.02.2019 | |
| | | | | Counseling Campagin Programme titles “Skill Saathi” | 28.02.2019 | - | |
| 6 | 18.01.2019 | T.I.M.E | 5Months | Employment Skill Development Training | 27.01.2019 | 26.05.2019 | 3.7.1/Link 1.6 |
| 7 | 28.02.2019 | Gate Forum | 1 Year | Gate Training | 13.07.2019 | 07.09.2019 | 3.7.1/Link 1.7 |
| 8 | 28.02.2019 | ICT Academy | 1 Year | Virtual Internship Cloud Literacy Day for II and III year CSE & ECE Students | 11.10.2019 | - | 3.7.1/Link 1.8 |

| | | | | | | | |
|----|------------|---|---------|---|------------|------------|---------------------------------|
| | | | | Virtual Internship Cloud Literacy Day for II year CSE & ECE Students | 11.11.2019 | 12.11.2019 | |
| 9 | 12.06.2019 | Sinetec Technologies Coimbatore | 3 Years | Workshop on "Hands-on Training on Measuring Instruments" | 03.02.2020 | 04.02.2020 | 3.7.1/Link 1.9 |
| 10 | 29.07.2019 | CADD centre,Salem-04 | 3 Years | Training Services STAAD,Pro Essential Institutional | 01.10.2019 | 31.10.2019 | 3.7.1/Link 1.10 |
| 11 | 22.08.2019 | Pantech Prolabs India Pvt. Ltd. | 5 Years | Skill Development Training | 22.08.2019 | - | |
| 12 | 17.10.2019 | Frontline Electronics Private Ltd., Salem | 3 Years | Two day Workshop on "Embedded system design through Train Route Simulation" | 17.10.2019 | 18.10.2019 | 3.7.1/Link 1.12 |
| 13 | 17.10.2019 | Frontline Science Foundation Salem | 3 Years | One day Workshop on "Expert Talk on 4G and 5G protocols" | 19.12.2020 | - | 3.7.1/Link 1.13 |
| 14 | 30.12.2019 | Infosys Ltd | 1 Year | Industry Elective subject "Big Data Analytics" | 18.03.2019 | 17.10.2019 | 3.7.1/Link 1.14 |
| | | | | Industry Elective Subject "Business Intelligence and Applications" | | | |
| | | | | Industry Elective Subject "Business Intelligence and Applications" | | | |
| | | | | Industry Elective subject "Big Data Analytics" | 17.08.2020 | 27.11.2020 | |

| | | | | | | | |
|----|------------|-------------|--------|--|------------|------------|--------------------|
| | | | | Industry Elective Subject “Business Intelligence and Applications” | | | |
| | | | | Industry Elective Subject “Business Intelligence and Applications” | | | |
| 15 | 31.03.2020 | ICT Academy | 1 Year | Webinar on 5G as an Enabler in Digital Transformation | 18.05.2020 | - | 3.7.1/Link 1.15 |
| | | | | Webinar on “Global Mega trends, Technologies & Covid 19 Impacting Sectors” | 19.05.2020 | - | |
| | | | | Webinar on “Building Skills in Robotics Process Automation” | 20.05.2020 | - | |
| | | | | Personal Financial Management | 20.05.2020 | - | |
| | | | | Webinar on "Beyond Covid - Leading through Change" | 21.05.2020 | - | |
| | | | | Webinar on "Next Generation of Block Chain" | 22.05.2020 | - | |
| | | | | FDP on "Fundamental of Machine Learning" | 25.05.2020 | 30.05.2020 | |
| | | | | FDP on Fundamentals of AI | 07.09.2020 | 12.09.2020 | |
| | | | | Introduction to Angular JS | 21.09.2020 | 26.09.2020 | |
| | | | | International Conference on “AI, Robotics and Automation” | 14.10.2020 | - | |
| | | | | International Conference on “Communication and Embedded System” | 14.10.2020 | - | |

| | | | | | | | |
|----|------------|--|---------|---|------------|------------|---------------------------------|
| | | | | International Conference on “Advance in Sensors, Energy and Hybrid Vehicles” | 14.10.2020 | - | |
| | | | | Women Empowerment Programme on “Java and Soft Skills” | 01.02.2021 | - | |
| | | | | FDP on fundamentals of AI & ML | 10.05.2021 | 14.05.2021 | |
| 16 | 10.06.2020 | Vi Micro Systems Pvt. Ltd. | 5 Years | Training to Circuit Design | 10.06.2020 | 15.11.2020 | |
| 17 | 04.08.2020 | National Highways Authority of India | 5 Years | Students undergone Internship training programme - Four Laning of Krishnagiri to thumbipadi section from 94/000 to 180/000 of NH-44 | 27.07.2022 | 26.08.2022 | 3.7.1/Link 1.17 |
| 18 | 23.12.2020 | AMCAT | 1 Year | Employability Skill Test | 01.09.2020 | - | 3.7.1/Link 1.18 |
| 19 | 21.1.2021 | Sunshiv Electronics Solutions Coimbatore | 3 Years | Industrial Embedded Programming using PIC Controller | 09.03.2021 | - | 3.7.1/Link 1.19 |
| 20 | 28.01.2021 | ICT Academy | 1 Year | Sheet metal Design in Solid Edge | 27.09.2021 | 01.10.2021 | 3.7.1/Link 1.20 |
| | | | | Virtual Power Seminar on “Cyber Security” | 13.10.2021 | - | |
| | | | | Digital Teaching Techniques | 23.11.2021 | 27.11.2021 | |
| 21 | 10.06.2021 | Livewire | 1 Year | Seminar on “ IT Industry with Full Stack on MEAN & Android App Development” | 11.05.2022 | - | 3.7.1/Link 1.21 |

| | | | | | | | |
|----|------------|---|---------|---|------------|------------|---------------------|
| 22 | 07.12.2021 | Infosys Ltd | 2 Years | Infosys Springboard Courses | 07.11.2021 | - | 3.7.1/Link 1.222 |
| | | | | Infosys Springboard Courses | 01.06.2022 | 01.08.2022 | |
| | | | | Industry Elective Subject “Business Intelligence and Applications” | 11.08.2022 | 23.12.2022 | |
| | | | | FEP June / July Series 2022 – Python Programming | | | |
| | | | | FEP June / July Series 2022 – Artificial Intelligence | | | |
| | | | | FEP June / July Series 2022 – Angular | | | |
| | | | | FEP June / July Series 2022 – Java Programming | | | |
| 23 | 05.01.2022 | T.I.M.E Institute | 1 Month | Coaching class for CAT, GMAT & GRE | 02.05.2022 | 30.05.2022 | 3.7.1/Link 1.23 |
| 24 | 05.01.2022 | T.I.M.E Institute | 1 Month | Coaching class for IELTS, TOEFL | 11.03.2022 | - | 3.7.1/Link 1.24 |
| 25 | 25.01.2022 | Tamilnadu Urban Habitat Development Board | 2 Years | Students undergone Internship training in Housing Project at Johnsonpet Salem | 25.07.2022 | 30.07.2022 | 3.7.1/Link 1.25 |
| | | | | Students undergone Internship training Programme for the Students | 13.06.2023 | 17.06.2023 | |
| 26 | 09.03.2022 | Irrigation Management Training Institute, (Water Resource Department, P.W.D.TN Govt | 5 Years | Students undergone Internship training programme | 10.07.2023 | 28.07.2023 | 3.7.1/Link 1.26 |

| | | | | | | | |
|----|------------|--|---------|---|------------|------------|---------------------------------|
| | | Thuvakudi, Tirchy) | | | | | |
| 27 | 11.03.2022 | ICT Academy | 1 Year | Salesforce Developer Virtual Internship | 01.07.2022 | 30.09.2022 | 3.7.1/Link 1.27 |
| 28 | 18.04.2022 | Foreign Language – AMG Academy Pvt. Ltd. | 1 Month | Coaching Class for German Language | 18.04.2022 | 20.06.2022 | 3.7.1/Link 1.28 |
| | | | | Coaching Class for French Language | | | |
| | | | | Coaching Class for Japanese Language | | | |
| 29 | 18.05.2022 | TCS iON | 1 Years | Machine Learning for Real-World Application | 18.08.2022 | 19.11.2022 | 3.7.1/Link 1.29 |
| | | | | Practical approach to Cyber Security | 18.08.2022 | 12.11.2022 | |
| | | | | Data Analytics and Reporting | 23.08.2022 | 01.12.2022 | |
| | | | | Applied Cloud Computing | 27.08.2022 | 02.01.2023 | |
| | | | | Artificial Intelligence for Real World Application | 31.08.2022 | 04.01.2023 | |
| | | | | Social Media and Text Analytics | 22.09.2022 | 19.01.2023 | |
| | | | | Advanced Cybersecurity - an application approach | 27.08.2022 | 07.01.2023 | |
| | | | | Intelligent Game design & its applications | 27.10.2022 | 11.02.2023 | |
| 30 | 10.06.2022 | Livewire | 1 Years | Python Programming (Free course under CSR initiative) | 12.02.2023 | 15.03.2023 | 3.7.1/Link 1.30 |
| 31 | 13.06.2022 | Naalaiya Tiran | 5Months | IBM Project - Inventory Management System for Retailers | 03.10.2022 | 19.11.2022 | 3.7.1/Link 1.31 |

| | | | | | | | |
|----|------------|---|---------|--|------------|------------|---------------------------------|
| 32 | 07.09.2022 | Naan Mudhalvan Scheme | 1 Years | Industry relevant courses like Industry 4.0, IOT, AR/VR, Robotics, Cloud Essential, Electric Vechiles, Smart Energy Grid, Building Information on Modelling, High rise Building & Big Data | 17.10.2022 | 02.12.2022 | 3.7.1/Link 1.32 |
| 33 | 23.09.2022 | CADD centre,Salem-04 | 3Months | Course on STAAD.Pro Essential | 01.12.2022 | 30.12.2022 | 3.7.1/Link 1.33 |
| 34 | 02.11.2022 | FORGE | 5 Years | ProtoSem (TM) - 18 Week Graduate Innovation Engineer Program | 01.07.2022 | 01.04.2023 | 3.7.1/Link 1.34 |
| 35 | 25.03.2023 | General Electrical Electronic Solutions | 5 Years | Internship Programs | 05.04.2023 | - | |


PRINCIPAL
 GOVT. COLLEGE OF ENGG.,
 SALEM-636 011