GOVERNMENT COLLEGE OF TECHNOLOGY, COIMBATORE – 641 013

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FACULTY DEVELOPMENT TRAINING CENTRE

CALENDER OF PROGRAMMES

2023 – 2024

HISTORY OF THE COLLEGE

The Government College of Technology, Coimbatore formerly known as Arthur Hope College of Technology, was started in July 1945. The late Mr. G.D. Naidu, the well known industrialist and Philanthropist of Coimbatore offered the premises which include offices, few portions of workshops, hostel for the National Electric works - free of rent for a period of 3 years with a donation of Rs. 2,00,000 and the land for the present campus which facilitated the inception of college in July 1945. In June 1950, the College was shifted to the present permanent site of about 45 hectares, which is located on the Thadagam Road. The College was then renamed as Government College of Technology. In 1951, the institution was affiliated to the University of Madras. Initially, Civil and Electrical Engineering branches were offered. Later, in the year 1952, Mechanical Engineering branch was introduced.

The academic year 1970 – 71 witnessed the start of a new branch named Electronics and Communication Engineering as well as Post graduate degree courses in Structural Engineering and Engineering Design. The academic year 1977-78 had the glory of introducing Post Graduate Degree Course in Power Systems Engineering along with Part-time B.E. Degree courses for Civil, Mechanical and Electrical branches. Subsequently, B.E. degree course in Production Engineering was introduced in the academic year 1978-79.

From the academic year 1984 - 85 the Four year B.E. Degree courses were started. A Post-graduate degree course in Applied Electronics (Digital Electronics) and a Post-graduate degree course in Production Engineering were started during 1980-81. The M.E. Degree course in Public Health Engineering was started during 1981-82. The M.Sc., Degree course in Applied Chemistry was started during 1982-83. The Instrumentation and Control Engineering branch in the U.G. Programme was started during 1984 - 85. Subsequently, the nomenclature has been changed to Electronics & Instrumentation Engineering.

B.E. Degree course in Computer Technology and Informatics was started during the year 1986-87. Since then the nomenclature has been changed to Computer Science & Engineering. A Post Graduate degree in M.E. Computer Science (PT) was started in the academic year 1987-88 and (FT) in 1990 - 91. B.E. degree course in Information Technology was introduced in the academic year 2001 - 2002. All the UG and PG courses are affiliated to the Anna University with effect from the academic year 2001 - 2002. Consequently, six new PG courses were started in various disciplines. The Industrial Biotechnology course which was started as a self-supporting course, has now been brought under the regular stream. Hence as of now, totally there are 9 UG Programs and 11 PG Programs in this college. The college is recognized by the Anna University for doing Doctoral work in all the branches of Engineering and science.

The Government College of Technology, Coimbatore has been one of the institutions selected for TEQIP Phase - I. The project activities were started in the year 2003 and ended successfully in March 2008. Based on the performance in the first phase, this institute was selected for TEQIP Phase - II and got a sanction to the tune of Rs. 17.5 Crores. It has established two Centres of Excellence; One in Environmental Studies and the other in Alternative Energy Research under TEQIP Phase II

with the fund of Rs. 5 Crores sanctioned by the NPIU, Noida for each centres. As the college performed well in both the TEQIP phases I and II, the Third phase of TEQIP is also sanctioned to the institute, which is fully integrated with the Twelfth Five-year Plan objectives of Technical Education.

The College has completed 74 years of fruitful service and the National Board of Accreditation committee has accorded accreditation to the most of the branches of study. In addition, the NAAC committee has accredited this Institution with A grade. NIRF's inclusion of this institute among the top 100 ranking institutions, has added one more feather to its cap of laurels.

The Alumni of this institution have excelled in various spheres and are globally placed. The alumni association of GCT, Coimbatore takes part actively in Institute's development.

Thus from a humble beginning, the College has grown into a premier institution for Engineering Education in this part of the Country.

Vision

To emerge as a centre of excellence and eminence by imparting futuristic technical education in keeping with global standards, making our students technologically competent and ethically strong so that they can readily contribute to the rapid advancement of technology and mankind.

Mission

- To achieve Academic excellence through innovative teaching and learning practices.
- To enhance employability and entrepreneurship.
- To improve the research competence to address Societal needs.
- To inculcate a culture that supports and reinforces ethical, professional behaviours for a harmonious and prosperous society.

FACULTY DEVELOPMENT TRAINING CENTRE

The Honorable Minister of Higher Education has made an announcement in the year 2014 – 15 to construct Faculty Development Training Centre at Government College of Technology, Coimbatore. The construction of training centre along with the hostel block was sanctioned under Self Sufficiency Scheme (SSS) 2015 – 16 in this campus at a cost of Rs. 9.00 Crores.

The training centre is housed with sufficient number of full fledged seminar halls and Conference Chambers in addition to a Library and a Computer Centre. It also has boarding and lodging facilities for the speakers and participants of the training programmes.

The vision of the centre is to train and develop the professional competencies and academic excellence of the faculties working in technical institutions by imparting teaching learning techniques in need based areas and cutting edge technologies. It is a well understood fact that reforms in training and professional development are effective only when they are undertaken by faculty through programmes, which have high professional quality. Hence, it is proposed to promote need based Continuing Professional Development Training Programmes, in all the frontier areas of Engineering, Science and Technology and Management fields in the Faculty Development Training Centre.

SCHEDULE OF FDP PROGRAMMES FOR THE YEAR 2023-2024

FDP No.	Duration	No. of Days	Title	Department	Coordinating Institute
1	17-04.2023 to 21-04.2023	5 Days	DRONES – Technological Advances and Innovation	Information Technology	PSG Polytechnic College, Coimbatore
2	08-05-2023 to 12-05-2023	5 Days	Learner Centered English Language Teaching	English	Government College of Engineering, Dharmapuri
3	15-05-2023 to 19-05-2023	5 Days	Renewable Energy Sources	Mechanical Engineering	Mohamed Sathak Polytechnic College, Kilakarai
4	05-06-2023 to 17-06-2023	12 Days	Recent Trends in Immersive Technology	Computer Engineering	Alagappa Government Polytechnic College, Karaikudi
5	03-07-2023 to 07-07-2023	5 Days	Full Stack Development	Information Technology	Government College of Technology, Coimbatore
6	17-07-2023 to 21-07-2023	5 Days	Mathematics Application in Biomedical Signal Processing	Mathematics	Sri Krishna Polytechnic College, Coimbatore
7	07-08-2023 to 11-08-2023	5 Days	Export Oriented Quality Parameters in Textile Industries	Textile Technology	Nachimuthu Polytechnic College, Pollachi
8	21-08-2023 to 25-08-2023	5 Days	Industry 4.0 Compatible Robotics and Automation	Mechatronics Engineering	Thiagarajar College of Engineering, Madurai
9	11-09-2023 to 15-09-2023	5 Days	Research Frontiers in Physics	Physics	Government College of Engineering, Srirangam
10	19-09-2023 to 23-09-2023	5 Days	Next Generation Wireless Communication System Design and Simulation	Electronics and Communication Engineering	Government Polytechnic College, Srirangam
11	09-10-2023 to 13-10-2023	5 Days	Distributed Generation and the Impact of Electric Vehicle	Electrical and Electronics Engineering	Coimbatore Institute of Technology, Coimbatore
12	16-10-2023 to 20-10-2023	5 Days	Recent Advances in Heat & Energy	Mechanical Engineering & Civil Engineering	Government College of Engineering, Dharmapuri
13	06-11-2023 to 10-11-2023	5 Days	Data Science using Python	Computer Engineering	Government Polytechnic College, Sevvapet
14	20-11-2023 to 24-11-2023	5 Days	Innovations in Concrete for Better Performance and Sustainability	Civil Engineering	Government College of Engineering, Srirangam

15	04-12-2023 to 08-12-2023	5 Days	Emerging Trends in Artificial Intelligence and Machine Learning	Computer Science and Engineering	Government College of Engineering, Bodinayakkanur
16	18-12-2023 to 22-12-2023	5 Days	NBA Accreditation Process for Polytechnic	Electronics and Communication Engineering	Nachimuthu Polytechnic College, Pollachi
17	08-01-2024 to 12-01-2024	5 Days	Enhancing VLSI Design with Machine Learning Opportunities and Challenges	Electronics and Communication Engineering	Thiagarajar College of Engineering, Madurai
18	29-01-2024 to 02-02-2024	5 Days	Basic Science Behind Advanced Technology	Basic Engineering	Government Polytechnic College, Valangaiman
19	05-02-2024 to 09-02-2024	5 Days	Smart Materials for Biomedical Applications	Chemistry	Coimbatore Institute of Technology, Coimbatore
20	19-02-2024 to 23-02-2024	5 Days	The Smart and Sustainable Manufacturing: The New Era of Manufacturing	Mechanical Engineering	Government Polytechnic College, Chekkanurani
21	04-03-2024 to 08-03-2024	5 Days	Recent Advances in Waste Management	Civil Engineering	Government College of Technology, Coimbatore
22	18-03-2024 to 22-03-2024	5 Days	ICT Tools for Researchers and Teachers	Computer Engineering, Electrical and Electronics Engineering, Mechanical Engineering	Valivalam Desikar Polytechnic College, Nagapatinam

12/04/2023

Professor
PROFESSOR
Faculty Development Training Centre
Government College of Technology
Coimbatore - 641 013

Principal
Principal
Government College of Technology
Coimbatore -641 013.