



AAA COLLEGE OF ENGINEERING AND TECHNOLOGY
(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
(An ISO 9001:2015 Certified Institution)
Kamarajar Educational Road,
Amathur, Sivakasi – 626 005.

INTERNAL QUALITY ASSURANCE CELL (IQAC) SUMMARY REPORT
ACADEMIC YEAR 2017-2018

IQAC of our institution supports the Teaching Learning Process (TLP) effectively by motivating the students, faculties to participate FDPs, Conferences, Seminars, workshops and other technical supportive programs for their knowledge updations with latest technique and technological innovations. The summary of list of programs organized & attended by faculties and the list of various certification courses, vocational courses and value added courses conducted for students are given below.

Details of Professional development programs, Short Term Course, Faculty Development Programs attended by the faculty

S. No.	Title of the professional development program	Date and Duration	Number of teachers who attended
1.	Teaching Methodologies and techniques for Budding faculty of Technical Institutions	14.5.2018 to 19.5.2018	5
2.	National Conference on Signal Processing and Communication Technologies	28.3.2018	2
3.	National Conference on Recent Advancements in Mechanical Engineering	28.3.2018	1
4.	National Conference on Research in Mechanical Engineering	23.3.2018	2
5.	National Conference on Innovations in Communication Technology for social development	23.3.2018	1
6.	International Conference on Applied Soft Computing Techniques	23.3.2018 to 24.3.2018	1
7.	Seminar on Research Issues in Digital Image Processing	16.3.2018 to 17.3.2018	1
8.	International Conference on Technical Innovations in Electrical, Electronics, Computer and Communications	14.3.2018	1
9.	International Conference on Technical Innovations in Electrical, Electronics, Computer and Communications	14.3.2018	12
10.	International Conference on Emerging trends in Engineering and Technology	9.3.2018 to 10.3.2018	2

S. No.	Title of the professional development program	Date and Duration	Number of teachers who attended
11.	Workshop on computational Chemistry and Biology	23.2.2018	1
12.	National Conference on Recent trends in Electrical, Electronics, Communication and Computing technologies	23.2.2018	2
13.	Recent Advances in materials for Photovoltaic Cells and Energy Storage Devices	21.2.2018 to 22.2.2018	1
14.	Short term course on Research Opportunities and Challenges in Robotics	19.2.2018 to 25.2.2018	2
15.	FDP on Introduction to Big Data Analytics	14.2.2018 to 15.2.2018	2
16.	FDP on Introduction to Big Data Analytics	14.2.2018 to 15.2.2018	1
17.	National Seminar on Recent trends in Chemistry	23.1.2018	1
18.	International Conference on Advances in Computer Science Engineering and Technology	19.1.2018 to 20.1.2018	1
19.	International Conference on Advances in Computer Science Engineering and Technology	19.1.2018 to 20.1.2018	1
20.	Real time Applications of IOT	10.1.2018 to 11.1.2018	1
21.	Workshop on Research Methodology	3.1.2018	2
22.	Seminar on Management of Drought and Flood for enhanced food security and Livelihoods	14.12.2017 to 16.12.2017	1
23.	FDP on Unconventional Machining Process	4.12.2017 to 11.12.2017	1
24.	FDP on Entrepreneurship, Innovation & Incubation	4.12.2017 to 16.12.2017	1
25.	FDP on Entrepreneurship	4.12.2017 to 16.12.2017	2
26.	FDP on Stability of Structure	29.11.2017	4
27.	FDP on Cyber Forensics	27.11.2017 to 3.12.2017	1
28.	FDP on Research issues in Antenna Design for Wireless Applications	27.11.2017 to 1.12.2017	1
29.	FDP on Software Testing Using Automated Tools	27.11.2017 to 30.11.2017	1
30.	Short term course on Energy and Power Quality Audit Methodologies	27.11.2017 to 10.12.2017	1
31.	FDP on Circuit Theory	23.11.2017 to 29.11.2017	3
32.	Short term course on Industrial Automation	20.11.2017 to 3.12.2017	1
33.	FDP on Recent developments in Modeling, Design and Control of Power Converters and Drives	13.11.2017 to 25.11.2017	1
34.	FDP on Internet of Things	9.11.2017 to 10.11.2017	1
35.	FDP on Limit State Design of Steel structure	7.11.2017 to	2

S. No.	Title of the professional development program	Date and Duration	Number of teachers who attended
		20.11.2017	
36.	FDP on Recent trends and Applications of High Voltage Engineering	6.11.2017 to 19.11.2017	1
37.	NPTEL course - Strength of Materials	Jul-Oct 2017	1
38.	FDP on Fundamentals of Vibration Measurement, Analysis and Control	30.10.2017 to 10.11.2017	1
39.	FDP on Fundamentals of Vibration Measurement, Analysis and Control	30.10.2017 to 10.11.2017	1
40.	AICTE sponsored Short term course on Materials Chemistry: Solids, Nanomaterials and Semiconductors	29.10.2017 to 5.11.2017	1
41.	IEEE sponsored course on Antenna Design using ADS Software Tool	7.10.2017	1
42.	National Conference on Applications of Operations Research Techniques	22.09.2017 to 23.09.2017	3
43.	International Conference on technical innovations in recent trends in Computer Science and Communications	12.9.2017	1
44.	FDP on Innovation & Entrepreneurship Development	22.8.2017 to 24.8.2017	1
45.	FDP on MATLAB in Image Processing	10.8.2017 to 11.8.2017	2
46.	Workshop on Instrumentation Techniques for Advanced Research	28.7.2017	1
47.	Hands on training program on IOT using Raspberry pi for Engineering Applications	27.7.2017 to 28.7.2017	1
48.	FDP on Exploring research potentials in networking domain using NetSim	23.7.2017 to 26.7.2017	1
49.	NPTEL Course - Programming in C++	Jul-Sep 2017	1
50.	one Day Workshop on AWS Educate by ICTACT	21.7.2017	1
51.	Training Programme on Inspection Using Co-Ordinate measuring machine	19.6.2017 to 30.6.2017	1
52.	Certificate course in Mechanical CAD	19.6.2017	1
53.	Course on Advanced Embedded System,	19.6.2017 to 2.7.2017	1
54.	Refresher course on Primavera	16.6.2017 to 20.6.2017	1
55.	Refresher course on Revit Architecture	16.6.2017 to 20.6.2017	1
56.	One Day work shop on ICTACT Bridge 2017	13.9.2017	1
57.	Refresher course on ETABS	16.6.2017 to 20.6.2017	1
58.	Refresher course on STADD PRO	16.6.2017 to 20.6.2017	1
59.	Certificate course in Project Management	15.6.2017	1
60.	Training on Antenna Design	14.6.2017 to	1

S. No.	Title of the professional development program	Date and Duration	Number of teachers who attended
		1.7.2017	
61.	Training on Matlab Programming	14.6.2017 to 1.7.2017	1
62.	Training program on LabVIEW and Arduino	14.6.2017 to 1.7.2017	1
63.	Training on Web Security and Ethical Hacking	14.6.2017 to 1.7.2017	1
64.	Course on Network Simulator 2	12.6.2017 to 27.6.2017	1
65.	FDP on Digital Communication	8.6.2017 to 14.6.2017	1
66.	Refresher course on 3D's Max	06.6.2017 & 20.6.2017	1
67.	short term course on Innovation and creativity Development in teachers and students	5.6.2017 to 9.6.2017	1
68.	short term course on Innovation and creativity Development in teachers and students	5.6.2017 to 9.6.2017	2

Financial support provided to faculty for attending conferences / workshops/ FDPs

S. No.	Name of the faculty	Name of Conference/ Workshop/FDP	Amount Received
1.	Mrs.R.Kalaivani	National Seminar on Recent trends in Chemistry	750
2.	Mr.S. Chandra Bose	National Conference on Applications of Operations Research Techniques	1000
3.	K.Mariadoss	National Conference on Applications of Operations Research Techniques	1000
4.	V.Ramesh	National Conference on Applications of Operations Research Techniques	1000
5.	Mrs.K.Padmapriya	National Conference on Signal Processing and Communication Technologies	1500
6.	Mr.L.K.Balaji Vignesh	International Conference on Technical Innovations in Electrical, Electronics, Computer and Communications	300
7.	Mr.L.K.Balaji Vignesh	International Conference on Emerging trends in Engineering and Technology	700
8.	P.Sivakumar	International Conference on Emerging trends in Engineering and Technology	700
9.	Mr.L.K.Balaji Vignesh	National Conference on Recent trends in Electrical, Electronics, Communication and Computing technologies	800

S. No.	Name of the faculty	Name of Conference/ Workshop/FDP	Amount Received
11.	Mrs.M.Gayathri	National Conference on Innovations in Communication Technology for social development	750
12.	Ms. R. Uma	Teaching Methodologies and techniques for Budding faculty of Technical Institutions	500
13.	Ms.R.Padma rani	Teaching Methodologies and techniques for Budding faculty of Technical Institutions	500
14.	Mrs. Sofia rajesh	Teaching Methodologies and techniques for Budding faculty of Technical Institutions	500
15.	Mrs.A.Prem Anandhi	Teaching Methodologies and techniques for Budding faculty of Technical Institutions	500
16.	Ms.A.M.Prathibha	Teaching Methodologies and techniques for Budding faculty of Technical Institutions	500
17.	Mr.V.Ragavan	FDP on Stability of Structure	500
18.	Mr.M.Kaliraj	National Conference on Recent Advancements in Mechanical Engineering	1000
19.	Mr.M.Kaliraj	National Conference on Research in Mechanical Engineering	800
20.	Mr.M.Karthikeyan	National Conference on Research in Mechanical Engineering	800
21.	Mr.G.Manikandaraja	Workshop on Instrumentation Techniques for Advanced Research	500
22.	Mr.R.Prabhu	International Conference on technical innovations in recent trends in Computer Science and Communications	1200
23.	Mrs. T. Gladima Nisia	International Conference on Applied Soft Computing Techniques	3000
24.	Mrs. T. Gladima Nisia	Seminar on Research Issues in Digital Image Processing	1000
25.	Mr.C.Rajkannan	International Conference on Technical Innovations in Electrical, Electronics, Computer and Communications	1100
26.	Ms.A. Raji	International Conference on Technical Innovations in Electrical, Electronics, Computer and Communications	1100
27.	Ms.N.Anitha Devi	International Conference on Technical Innovations in Electrical, Electronics, Computer and Communications	1100

S. No.	Name of the faculty	Name of Conference/ Workshop/FDP	Amount Received
28.	R.Ganesan	International Conference on Technical Innovations in Electrical, Electronics, Computer and Communications	1100
29.	N.Nandhini	International Conference on Technical Innovations in Electrical, Electronics, Computer and Communications	1100
30.	Mr.P.Elamparithi	International Conference on Technical Innovations in Electrical, Electronics, Computer and Communications	1100
31.	Mrs.T.Gladima Nisia	International Conference on Technical Innovations in Electrical, Electronics, Computer and Communications	1100
32.	Mr.C.Rajkannan	National Conference on Recent trends in Electrical, Electronics, Communication and Computing technologies	800
33.	MrsR.M.Rajeshwari	International conference on Advances in Computer Science Engineering and Technology	2000
34.	Mrs.T.Gladima Nisia	International conference on Advances in Computer Science Engineering and Technology	2000
35.	Ms.P.S.Uma	FDP on Software Testing Using Automated Tools	500

List of certificate courses conducted to our studnets

Sl. No.	Year	CERTIFICATE COURSES DETAIL	Date of conducting activity	Duration (from – to)	Number of Participants
1.	2017-2018	Staad Pro Software	14.08.2017 to 18.08.2017	05 DAYS	17
2.	2017-2018	Primavera Software	18.09.2017 to22.09.2017	05 DAYS	34
3.	2017-2018	3DS MAX Software	14.10.2017 to 18.10.2017	05 DAYS	64
4.	2017-2018	AUTOCAD Software	03.01.2018 to 07.01.2018	05 DAYS	17
5.	2017-2018	Revit Architecture Software	11.02.2018 to15.02.2018	05 DAYS	34
6.	2017-2018	ETABS Software	14.03.2018 to 18.03.2018	05 DAYS	64

Sl. No.	Year	CERTIFICATE COURSES DETAIL	Date of conducting activity	Duration (from – to)	Number of Participants
7.	2017-2018	C++ Programming Language	28-08-2017 to 01-09-2017	05 DAYS	44
8.	2017-2018	Machine Learning using Python	12-12-2017 to 16-12-2017	05 DAYS	44
9.	2017-2018	J2EE Programming	17-07-2017 to 21-07-2017	05 DAYS	44
10.	2017-2018	PHP with MYSQL for Web Development	26-06-2017 to 30-06-2017	05 DAYS	35
11.	2017-2018	Big Data for Cloud Applications	18-12-2017 to 22-12-2017	05 DAYS	34
12.	2017-2018	IOT for Mobile Applications	12-12-2017 to 16-12-2017	05 DAYS	34
13.	2017-2018	Certificate Course on Electronic Circuit Simulation using PSPICE and PSIM	28-08-2017 to 01-09-2017	05 DAYS	28
14.	2017-2018	MATLAB for Electrical Engineering	12-12-2017 to 16-12-2017	05 DAYS	28
15.	2017-2018	Certificate Course on Energy Audit and Energy Conservation	17-07-2017 to 21-07-2017	05 DAYS	11
16.	2017-2018	Hands on Training on LabView	18-12-2017 to 22-12-2017	05 DAYS	11
17.	2017-2018	Industrial Automation Using PLC and SCADA	26-06-2017 to 30-06-2017	05 DAYS	24
18.	2017-2018	Certificate Course on Embedded Systems and IoT applications	12-12-2017 to 16-12-2017	05 DAYS	24
19.	2017-2018	Electronics Circuit Simulation Using PSPICE	28-08-2017 to 01-09-2017	05 DAYS	36
20.	2017-2018	Certificate Course on LabView	12-12-2017 to 16-12-2017	05 DAYS	36
21.	2017-2018	MATLAB for Electronics Engineering	17-07-2017 to 21-07-2017	05 DAYS	26
22.	2017-2018	Modern Communication Tools and Techniques Using Advanced Design System	18-12-2017 to 22-12-2017	05 DAYS	26
23.	2017-2018	PCB Designing	26-06-2017 to 30-06-2017	05 DAYS	31
24.	2017-2018	Certificate Course on E-Yantra and Robotics	12-12-2017 to 16-12-2017	05 DAYS	31
25.	2017-2018	2-D Drawing Using Auto CAD	28-08-2017 to 01-09-2017	05 DAYS	45
26.	2017-2018	Machine Component Modelling and Assembly using PRO-E	12-12-2017 to 16-12-2017	05 DAYS	42
27.	2017-2018	Surface Modelling Using CATIA	17-07-2017 to 21-07-2017	05 DAYS	45


Sl. No.	Year	CERTIFICATE COURSES DETAIL	Date of conducting activity	Duration (from – to)	Number of Participants
28.	2017-2018	Computer Aided Manufacturing using Fusion - 360	18-12-2017 to 22-12-2017	05 DAYS	41
29.	2017-2018	Advanced Solid Modelling Using SOLID WORKS	26-06-2017 to 30-06-2017	05 DAYS	44
30.	2017-2018	Structural, Dynamic and Thermal Analysis using ANSYS	12-12-2017 to 16-12-2017	05 DAYS	41

List of Value Added Courses conducted

Sl. No.	Year	VALUE ADDED COURSE DETAIL	Date of conducting activity	Duration (from – to)	Number of Participants
1.	2017-2018	Communication Skills Development Program	19/06/2017 to 23/06/2017	05 DAYS	169
2.	2017-2018	Training Program on Soft Skills	08/01/2018 to 11/01/2018	04 DAYS	158
3.	2017-2018	Aptitude Training	19/06/2017 to 23/06/2017	05 DAYS	142
4.	2017-2018	Entrepreneurship Development Program	08/01/2018 to 11/01/2018	04 DAYS	149
5.	2017-2018	Value Added Course on Intellectual Property Rights	08/01/2018 to 12/01/2018	05 DAYS	212
6.	2017-2018	Journal paper Writing using Latex Software	08/01/2018 to 12/01/2018	05 DAYS	203
7.	2017-2018	Placement Training Program	08/08/2017 to 11/08/2017	04 DAYS	210
8.	2017-2018	Innovation & Entrepreneurship	02/08/2017 to 05/08/2017	04 DAYS	77
9.	2017-2018	Personnel Management	06/09/2017 to 09/09/2017	04 DAYS	121
10.	2017-2018	Energy Conservation and Audit	02/04/2018 to 06/04/2018	05 DAYS	25

Vocational Courses Conducted

Sl. No.	Year	VOCATIONAL COURSES DETAIL	Date of conducting activity	Duration (from - to)	Number of participants
1.	2017-2018	Vocational course on advanced measuring tools	June 2017 - October 2017	45 Hours	36
2.	2017-2018	Vocational course on Analysis of structures using STADD Pro	June 2017 - October 2017	45 Hours	20
3.	2017-2018	Vocational course on Computer Hardware Troubleshooting	June 2017 - October 2017	45 Hours	34
4.	2017-2018	Vocational course on Electric Equipment Operation and Servicing	June 2017 - October 2017	45 Hours	61
5.	2017-2018	Vocational course on Electrical safety	January 2018 - April 2018	45 Hours	22
6.	2017-2018	Vocational course on plumbing	January 2018 - April 2018	45 Hours	34
7.	2017-2018	Vocational course on E-YANTRA ROBOTICS	January 2018 - April 2018	45 Hours	26
8.	2017-2018	Vocational course on Structural and Foundation Analysis	January 2018 - April 2018	45 Hours	22
9.	2017-2018	Vocational course on Web development using WordPress	January 2018 - April 2018	45 Hours	35


IQAC Coordinator


Chair Person

PRINCIPAL
AAA COLLEGE OF ENGG. & TECHNOLOGY
SIVAKASI.

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