



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 2018-2019

Internal Quality Assurance Cell (IQAC) of our institute, actively initiating several programmes for developing and enhancing the Teaching Learning Process (TLP) and active participation of students, faculty inside and outside of the institution for updating their knowledge in the recent trends of industries and academics. 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/ Conferences, Short Term Course, Faculty Development Programs attended by the faculty

S.No.	Title of the professional development program	Date and Duration (from - to)	Number of teachers who attended
1.	FDP on Introduction to Big Data Analytics	30.5.2019 to 31.5.2019	2
2.	International Conference on Recent trends in Chemistry and Biosciences	16.5.2019 to 17.5.2019	1
3.	Seminar on Deep Learning Techniques in Health care applications	13.5.2019 to 17.5.2019	1
4.	STTP on Smart materials and Smart Structures: Theory, applications and computational modelling	6.5.2019 to 10.5.2019	1
5.	Deep learning for medical image analysis - Challenges and future	29.4.2019 to 30.4.2019	25
6.	International Conference on Emerging trends Multidisciplinary Research	20.4.2019 to 22.4.2019	2
7.	FDP on AWS Cloud masters 2019	25.3.2019	20
8.	International Conference on Emerging trends in Engineering and Technology	15.3.2019 to 16.3.2019	2
9.	National Conference on Recent trends in Electrical, Electronics, Communication and Computing technologies	15.3.2019	1
10.	International Conference on Technical Innovations in Electrical, Electronics, Computer and Communications	13.3.2019	4

S.No.	Title of the professional development program	Date and Duration (from - to)	Number of teachers who attended
11.	International Conference on Engineering and Applications	12.3.2019	3
12.	International Conference on Emerging trends in Computing, Communication and Automation Technology	9.3.2019	2
13.	International Conference on Recent Innovation in Mechanical Engineering	8.3.2019	2
14.	Workshop on IoT using Raspberry Pi	7.3.2019 to 9.3.2019	3
15.	International Conference on Recent trends in Engineering, Science and Technology	2.3.2019	6
16.	Workshop on Metamaterial Antenna Design using CST Software	22.2.2019	2
17.	Bridge 2019 - The largest Industry - Institute Interaction Event of Asia	31.1.2019	1
18.	FDP on Internet of Things	16.1.2019 to 17.1.2019	10
19.	Productive tools for writing Journals and Articles	7.1.2019 to 8.1.2019	28
20.	International Conference on Recent trends in Multi-Disciplinary Research	20.12.2018 to 21.12.2018	1
21.	Hands on Training in EDGE CAM	11.12.2018 to 15.12.2018	1
22.	Workshop on Energy Management System	29.11.2018 to 30.11.2018	1
23.	ANSYS simulation in Structural Engineering	16.11.2018 to 18.11.2018	1
24.	Data analytics using R Software	15.11.2018 to 16.11.2018	14
25.	NPTEL course on Computer Networks and Internet Protocol	Jul - Oct 2018	1
26.	Seminar on Energy Storage and Conversion technologies	15.11.2018 to 16.11.2018	1
27.	International Conference on Recent trends in Engineering Education	5.10.2018 to 6.10.2018	3
28.	Workshop on Natural/CO2 refrigeration System for Supermarket and Other Applications	5.10.2018	1
29.	International Conference on Recent Research and Innovations in Social Science, Humanities and Education	23.9.2018	1
30.	International Conference on Recent trends in Engineering, Applied Science and management	23.9.2018	1
31.	Artificial intelligence and Deep Learning	14.9.2018 to 16.9.2018	2
32.	Experimental teaching and learning in Lab View	8.9.2018 to 12.9.2018	2
33.	FDP for Student Induction	26.7.2018 to 28.7.2018	1

S.No.	Title of the professional development program	Date and Duration (from - to)	Number of teachers who attended
34.	NPTEL Course - Processing of polymers and polymer composites	Aug - Sep 2018	1
35.	FDP on Optimization Techniques in Antenna Design	25.6.2018 to 30.6.2018	1
36.	FDP on Dynamics of Machines	12.6.2018 to 18.6.2018	1
37.	Power Electronics System design and Applications	4.6.2018 to 10.6.2018	1
38.	FDP on Signals and Systems	4.6.2018 to 11.6.2018	2

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

S.No.	Name of the faculty	Name of conference/ workshop attended for which financial support provided	Amount Rs.
1.	Dr.R.Kalaivani	International Conference on Recent trends in Chemistry and Biosciences	1500
2.	Mr.G.Manikandaraja	STTP on Smart materials and Smart Structures: Theory, applications and computational modelling	2000
3.	Mr.P.S.R.Senthil Maharaj	International Conference on Engineering and Applications	900
4.	Mr.R.Meby Selvaraj	International Conference on Engineering and Applications	900
5.	Mr.M.Karthikeyan	International Conference on Engineering and Applications	900
6.	Mr.G.Manikandaraja	International Conference on Recent Innovation in Mechanical Engineering	900
7.	Mr.M.Karthikeyan	International Conference on Recent Innovation in Mechanical Engineering	900
8.	Mr.P.S.R.Senthil Maharaj	International Conference on Recent trends in Engineering, Science and Technology	500
9.	Mr.R.Meby Selvaraj	International Conference on Recent trends in Engineering, Science and Technology	500
10.	Mr.B.Karthick	International Conference on Recent trends in Engineering, Science and Technology	500
11.	Mr.G.Manikandaraja	International Conference on Recent trends in Engineering, Science and Technology	500
12.	Mr.R.B Jeen Robert	International Conference on Recent trends in Engineering, Science and Technology	500

S.No.	Name of the faculty	Name of conference/ workshop attended for which financial support provided	Amount Rs.
13.	Mr.M.Kaliraj	International Conference on Recent trends in Engineering, Science and Technology	500
14.	Mr.R.Meby Selvaraj	Hands on Training in EDGECAM	500
15.	Mrs.M.Gayathri	International Conference on Emerging trends in Engineering and Technology	1250
16.	Mrs.K.Padmapriya	International Conference on Emerging trends in Engineering and Technology	1250
17.	Mr.L.K.Balaji Vignesh	National Conference on Recent trends in Electrical, Electronics, Communication and Computing technologies	800
18.	Mrs. G. Subhashini	International Conference on Technical Innovations in Electrical, Electronics, Computer and Communications	1200
19.	Ms. N.Nandhini	International Conference on Technical Innovations in Electrical, Electronics, Computer and Communications	1200
20.	Mrs. N. Thenmoezhi	Workshop on Metamaterial Antenna Design using CST Software	500
21.	Mr.L.K.Balaji Vignesh	Workshop on Metamaterial Antenna Design using CST Software	500
22.	Mr.L.K.Balaji Vignesh	FDP on Optimization Techniques in Antenna Design	1500
23.	Mr.C.Karuppasamy	International Conference on Technical Innovations in Electrical, Electronics, Computer and Communications	1100
24.	Mr.C.Karuppasamy	Workshop on Energy Management System	500
25.	Mr. S. S. Dheeban	Energy storage and conversion technologies	750
26.	Mrs. B.Sarojini	International Conference on Recent trends in Engineering Education	1100
27.	Mr.R.Ganesan	International Conference on Recent trends in Engineering Education	1100
28.	Mr.P.Sivakumar	International Conference on Recent trends in Engineering Education	1100
29.	Mr.M.S Kalyana Sundaram	Experimental teaching and learning in Lab View	700
30.	Mr.L.K.Balaji Vignesh	Experimental teaching and learning in Lab View	700
31.	Mrs. T. Gladima Nisia	Seminar on Deep Learning Techniques in Health care applications	1500

S.No.	Name of the faculty	Name of conference/ workshop attended for which financial support provided	Amount Rs.
32.	Mrs. T. Gladima Nisia	International Conference on Technical Innovations in Electrical, Electronics, Computer and Communications	1000
33.	Mr.C.Rajkannan	International Conference on Emerging trends in Computing, Communication and Automation Technology	1200
34.	Ms.P.S.Uma	International Conference on Emerging trends in Computing, Communication and Automation Technology	1200
35.	Mrs. T. Gladima Nisia	International Conference on Recent trends in Multi-Disciplinary Research	2500
36.	Mr.R.Prabhu	International Conference on Recent trends in Engineering, Applied Science and management	2000
37.	R.M.Rajeshwari	International Conference on Recent Research and Innovations in Social Science, Humanities and Education	1200

List of Value Added Courses Conducted for students

Sl. No.	Year	VALUE ADDED COURSE DETAIL	Date of conducting activity	Duration (from - to)	Number of Participants
1	2018-2019	Communication Skills Development Program	25/06/2018 to 29/06/2018	05 DAYS	172
2	2018-2019	Training Program on Soft Skills	26/12/2018 to 29/12/2018	04 DAYS	175
3	2018-2019	Aptitude Training	25/06/2018 to 29/06/2018	05 DAYS	142
4	2018-2019	Entrepreneurship Development Program	26/12/2018 to 29/12/2018	05 DAYS	152
5	2018-2019	Value Added Course on Intellectual Property Rights	25/06/2018 to 29/06/2018	05 DAYS	148
6	2018-2019	Journal paper Writing using Latex Software	26/12/2018 to 29/12/2018	05 DAYS	159
7	2018-2019	Placement Training Program	01/08/2018 to 04/08/2018	04 DAYS	147

Sl. No.	Year	VALUE ADDED COURSE DETAIL	Date of conducting activity	Duration (from - to)	Number of Participants
8	2018-2019	Innovation & Entrepreneurship	08/08/2018 to 11/08/2018	04 DAYS	108
9	2018-2019	Personnel Management	03/09/2018 to 06/09/2018	04 DAYS	77
10	2018-2019	Energy Conservation and Audit	06/03/2019 to 10/03/2019	05 DAYS	11
11	2018-2019	Basic English	06/02/2019 to 09/02/2019	04 DAYS	178
12	2018-2019	Advance MS EXCEL - 2010	03/09/2018 to 06/09/2018	04 DAYS	40

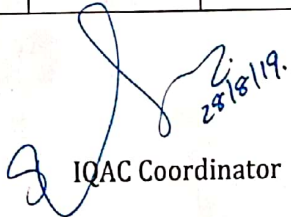
List of certificate courses introduced for our students

Sl. No.	Year	CERTIFICATE COURSES DETAIL	Date of conducting activity	Duration (from - to)	Number of Participants
1	2018-2019	Staad Pro Software	12.08.2018 to 16.08.2018	05 DAYS	20
2	2018-2019	Primavera Software	20.09.2018 to 24.09.2018	05 DAYS	17
3	2018-2019	3DS MAX Software	14.10.2018 to 18.10.2018	05 DAYS	34
4	2018-2019	AUTOCAD Software	06.01.2019 to 10.01.2019	05 DAYS	20
5	2018-2019	Revit Architecture Software	16.02.2019 to 20.02.2019	05 DAYS	17
6	2018-2019	ETABS Software	20.03.2019 to 24.03.2019	05 DAYS	34
7	2018-2019	C++ Programming Language	18-06-2018 to 22-06-2018	05 DAYS	43
8	2018-2019	Machine Learning using Python	18-06-2018 to 22-06-2018	05 DAYS	34
9	2018-2019	J2EE Programming	11-06-2018 to 15-06-2018	05 DAYS	43
10	2018-2019	PHP with MYSQL for Web Development	17-12-2018 to 21-12-2018	05 DAYS	43
11	2018-2019	Big Data for Cloud Applications	07-01-2019 to 11-01-2019	05 DAYS	44
12	2018-2019	IOT for Mobile Applications	17-12-2018 to 21-12-2018	05 DAYS	44

Sl. No.	Year	CERTIFICATE COURSES DETAIL	Date of conducting activity	Duration (from - to)	Number of Participants
13	2018-2019	Certificate Course on Electronic Circuit Simulation using PSPICE and PSIM	18-06-2018 to 22-06-2018	05 DAYS	40
14	2018-2019	MATLAB for Electrical Engineering	07-01-2019 to 11-01-2019	05 DAYS	40
15	2018-2019	Certificate Course on Energy Audit and Energy Conservation	18-06-2018 to 22-06-2018	05 DAYS	27
16	2018-2019	Hands on Training on LabView	17-12-2018 to 21-12-2018	05 DAYS	27
17	2018-2019	Industrial Automation Using PLC and SCADA	11-06-2018 to 15-06-2018	05 DAYS	11
18	2018-2019	Certificate Course on Embedded Systems and IoT applications	17-12-2018 to 21-12-2018	05 DAYS	11
19	2018-2019	Electronics Circuit Simulation Using PSPICE	18-06-2018 to 22-06-2018	05 DAYS	39
20	2018-2019	Certificate Course on LabView	07-01-2019 to 11-01-2019	05 DAYS	40
21	2018-2019	MATLAB for Electronics Engineering	18-06-2018 to 22-06-2018	05 DAYS	36
22	2018-2019	Modern Communication Tools and Techniques Using Advanced Design System	17-12-2018 to 21-12-2018	05 DAYS	36
23	2018-2019	Certificate Course on IIoT	11-06-2018 to 15-06-2018	05 DAYS	26
24	2018-2019	Certificate Course on E-Yantra and Robotics	17-12-2018 to 21-12-2018	05 DAYS	26
25	2018-2019	2-D Drawing Using Auto CAD	18-06-2018 to 22-06-2018	05 DAYS	43
26	2018-2019	Machine Component Modelling and Assembly using PRO-E	07-01-2019 to 11-01-2019	05 DAYS	40
27	2018-2019	Surface Modelling Using CATIA	18-06-2018 to 22-06-2018	05 DAYS	43
28	2018-2019	Computer Aided Manufacturing using Fusion - 360	17-12-2018 to 21-12-2018	05 DAYS	39
29	2018-2019	Advanced Solid Modelling Using SOLID WORKS	11-06-2018 to 15-06-2018	05 DAYS	11
30	2018-2019	Structural, Dynamic and Thermal Analysis using ANSYS	17-12-2018 to 21-12-2018	05 DAYS	40

Vocational Courses conducted for our students

Sl. No.	Year	VOCATIONAL COURSES DETAIL	Date of conducting activity	Duration (from - to)	Number of participants
1	2018-2019	Vocational course on ADVANCED SURVEYING USIG TOTAL STATION SURVEYING	January 2019 - April 2019	45 Hours	24
2	2018-2019	Vocational course on Analysis of Building plan using Revit Architecture	June 2018 - October 2018	45 Hours	20
3	2018-2019	Vocational course on carpentry	June 2018 - October 2018	45 Hours	34
4	2018-2019	Vocational course on casting technology	January 2019 - April 2019	45 Hours	20
5	2018-2019	Vocational course on Industrial IoT	June 2018 - October 2018	45 Hours	56
6	2018-2019	Vocational course on Office Automation	January 2019 - April 2019	45 Hours	36
7	2018-2019	Vocational course on PCB Designing	January 2019 - April 2019	45 Hours	59
8	2018-2019	Vocational course on Software testing	June 2018 - October 2018	45 Hours	35


 IQAC Coordinator


 Chair Person

PRINCIPAL
 AAA COLLEGE OF ENGG. & TECHNOLOGY
 SIVAKASI.

Copy to : Principal, All IQAC- Committee members, File