



SARANATHAN COLLEGE OF ENGINEERING

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)
Venkateshwara Nagar, Panjapur, Tiruchirapalli - 620 012, Tamil Nadu, India.

IQAC Report Summary

The Internal Quality Assurance Cell (IQAC) of the institute is taking endeavors to build up the academic and administrative performance of the institution and to promote measure for institutional functioning towards quality enhancement. The prominent activities of IQAC are as below:

- ☐ Use of innovative methods in teaching process.
- ☐ Result Analysis and action Plan.
- ☐ Academic audit/review of teaching –learning.
- ☐ Academic report and review.
- ☐ Feedback Analysis and Action plan.
- ☐ Conduction of FDP/STTP/Workshop for teaching staff.
- ☐ Conduction of co-curricular and extracurricular activities for students.
- ☐ Promotion of R&D activities.

So IQAC is involved in monitoring and review of all the activities related to quality improvement.


IQAC Coordinator



IQAC Report for the Academic Year 2021-2022

The Internal Quality Assurance Cell (IQAC) of our institution is aimed to enhance the quality of teachers. IQAC team motivates the teachers to participate in various programmes, workshops and FDPs.

The following table gives the participation details of the teaching faculty members of our institution in Professional Development Programmes, Orientation Induction Programmes. Refresher Course, Short Term Course etc during the academic year 2021-2022.

Name of teacher who attended	Title of the program	Duration (from – to) (DD-MM-YYYY)
Civil Engineering		
Mrs. Sathya Prabha	5-day online FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education(AICTE)	5 days (28.02.2022 to 04.03.2022)
A. Anandraj	FDP on "Building Life and Fire Safety" from 07/09/2021 to 11/09/2021 at School of Planning and Architecture, NewDelhi.	5 days (07.09.2021 to 11.09.2021)
S. Kannan	FDP on "Strategic Civil Infrastructure - Geotechnics for Infrastructure Projects" from 22/11/2021 to 26/11/2021 at LBS Institute of Technology for Women.	5 days (22.11.2021 to 26.11.2021)


IQAC Coordinator

(Dr. C. K. Srinivas Kumar)



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Computer Science Engineering		
Dr. S.A. Sahaaya Arul Mary	"Quality assurance in Technical & Higher Educational Institutions and Interpretation of requirements of NBA Accreditation"	5 days (19/07/2021 to 23/07/2021)
Dr.S.Mohana	TTT on Java Programming	5 days (05/07/2021 to 9-July-2021)
Dr.P.L. Rajarajeswari	Internet of Things in 5G Wireless Communication	5 days (06/09/2021 to 10/09/2021)
Mr.S.Venkatasubramanian	Recent Trends in Cyber Security and Forensics	10 days (18/10/2021 to 28/10/2021)
Mr.K.S.Chandrasekaran	Artificial Intelligence and Machine learning with DataSciences	5 days (14/07/2021 to 18/07/2021)
Dr.R.SenthamilSelvi	Deep Learning	5 days (13/12/2021 to 17/12/2021)
Mr.T.Sathiskumar	Recent Trends in Cyber Security and Forensics	10 days (18/10/2021 to 28/10/2021)
Dr.N.LakshmiKanthan	Sensor based System Design using Graphical Interface	5 days (20/09/2021 to 24/09/2021)
Mr.R.Karthik	IOT	5 days (05/10/2021 to 09/10/2021)
Ms.J.Sathiaparkavi	Wireless Sensor Networks and IoT	5 days (10/01/2022 to 14/01/2022)
Mr.A.T.Barani Vijayakumar	Data Science and machine learning with python	5 days (23/08/2021 to 27/08/2021)
Mr.R.Mohankumar	Introduction to Financial Mathematics:Exploring the machine learning apporach for option proceing problems in stock market	5 days (19/08/2021 to 23/08/2021)
Mr.P.DineshKumar	TTT on Java Programming	5 days (05/07/2021 to 9/07/2021)
Mr.P.B.Arunprasad	Advanced Signal Processing,Communication using AI and ML Techniques	5 days (21/03/2022 to 25/03/2022)
Ms. S Ranjani	Internet of Things(IoT):Architecture and System Level Design	5 days (27/09/2021 to 01/10/2021)
Mr.P.B.Aravind Prasad	Emerging Research Advances and Trends in Intelligent Knowledge Engineering Systems	5 days (30/09/2021 to 06/10/2021)
Ms.G.Iswarya	IoT:Architecture & System Level Design	5 days (27/09/2021 to 01/10/2021)



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Ms.K.Gomathi	Emerging Technologies for Sustainable Development	5 days (20/09/2021 to 24/09/2021)
Ms.R.Hema	Emerging Research Advances and Trends in Intelligent Knowledge Engineering Systems	5 days (30/09/2021 to 06/10/2021)
Ms.N.Ramya	Recent Trends in Cyber Security and Forensics	10 days (18/10/2021 to 28/10/2021)

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(Dr. C. Krishnakumar)



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Electronic and Communication Engineering		
S.Rajeswari	Architecture and Technologies for 5G and Beyond Wireless Networks	5 days (16.08.2021 to 20.08.2021)
M. Salai Gayathri	SCILAB and XCOS - FOSS alternatives for MATLAB and SIMULINK	5 days (7.2.2022 to 11.2.2022)
Dr.S.A.Arunmozhi	Optoelectronics: Advanced Materials& Devices	5 days (1.2.2022 to 5.2.2022)
G Dhanalakshmi	Advanced FDP on Quantum Computing-Building Concepts	5 days (7.2.2022 to 11.2.2022)
Dr.M.Baritha Begum	Applications of Remote Sensing and GIS	5 days (10.2.2022 to 14.2.2022)
A.Shamim Banu	Advances In Applications Of Remote Sensing And GIS	5 days (10.2.2022 to 14.2.2022)
S.Kiruthiga	"Applications of Deep Learning Techniques to 5G Wireless Communication Technologies	5 days (8.2.2022 to 12.2.2022)
Dr.C.Vennila	Inculcating Human Values in Technical education	5 days (28.2.2022 to 4.3.2022)
Dr.C.Vennila	Hands On Workshop on Software Defined Radio	05 days (7.3.2022 to 11.3.2022)
Eindhumathy J	Modern Antenna Technologies for Futuristic Wireless Communication systems	5 days (20.8.2021 to 24.8.2021)
Mahendran. M	ONLINE CERTIFICATE COURSE IN DATASCIENCE AND MACHINE LEARNING	6 Weeks (31.5.2021 to 3.8.2021)
Dr.M.Padmaa	Universal Human values in technical education	5 days (28.2.2022 to 2.3.2022)
Dr.M.Padmaa	Contemporary cryptographic solutions for IOT based Applications	10 days (20.8.2021 to 30.8.2021)
Dr.S.A.Arunmozhi	Intellectual Property Rights in Academia: Creation, Protection, and Commercialization	5 days (7.2.2022 to 11.2.2022)
Dr.S.A.Arunmozhi	Optoelectronics: Advanced Materials& Devices	5 days (1.2.2022 to 5.2.2022)
Dr.S.A.Arunmozhi	Statistical Modelling and Analysis of Advanced Wireless Communication Systems	7 days (17.3.2022 to 23.3.2022)

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Electrical and Electronics Engineering		
Dr.S.Vijayalakshmi	Online STTP conducted by Vignan's Institute of Engineering for Women on "Power Systems and Power Electronics for Green Energy "	20.09.2021 to 25.09.2021
Dr.M.V.Suganyadevi	ATAL Online FDP on "Green Energy and Sustainability Environment"	07-02-2022 to 11-02-2022
Mr.B.Paranthagan	AICTE Sponsored FDP ON "Power Quality And Harmonics" Conducted by NITTR , Chandigarh	29/11/2021 to 03/12/2021
Mr.R.Balasubramanian	AICTE conducted FDP on "Inculcating Universal Human Values in Technical Education"	28-02-2022 to 04-03-2022
Ms.C.Pearline Kamalini	ATAL Online FDP on "Artificial Intelligence Foundation for Power System"	25-10-2021 to 29-10-2021
Mr.S.Ramprasath	Online Elementary FDP on " Internet Of Things(IoT) using Arduino & Raspberry PI"	25/10/2021 to 29/10/2021
Dr.P.Ram Prakash	ATAL Academy online Eleimentary FDP on 'Cyber Security'	06/12/2021 to 10/12/2021
Mr.P.Ramesh Babu	"Faculty Development Programme on Electric & Hybrid Vehicle - Design, Integration and Challenges	27/12/2021 to 31/12/2021
Mr.R.Sridhar	ATAL Online FDP on "Microgrid An Opportunity: Electric Vehicles and Renewable Energy Resources"	05-07-2021 to 09-07-2021
Dr.R.Vijay	ATAL Academy online Eleimentary FDP on "Robotics at National Institute Of Technology Nagaland.	15/11/2021 to 19/11/2021
Ms.N.Gayathri	ATAL Online FDP on" Cyber physical system and smart environment using IOT"	08-11-2021 to 12-11-2021

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Instrumentation and Control Engineering		
Dr. P. Aravind	ATAL Online FDP on "Non-Linear Systems- Dynamics And Control", Organized By The Department Of Electrical Engineering, Government Engineering College, Thrissur	13.12.2021 to 17.12.2021
Dr. P. Thirumurugan	AICTE online FDP on Trends in EV ecosystem, organized by Department of EEE, KCG college of Technology, Chennai, Tamil Nadu	14.02.2022 to 28.02.2022.
Mr. S. Prassanna Perumal	5-day Online FDP on the theme "Inculcating Universal Human Values in Technical Education"	28-12-2022 to 04-03-2022


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Information Technology		
DR.V.Punitha	NPTEL Online Certification on Machine Learning ML	8 Weeks-(Feb-Apr)
Dr.V.Punitha	NPTEL Online Certification on Cloud Computing	8 Weeks-(Feb-Apr)
DR.V.Punitha	Workshop on "Quality Assurance in Technical and Higher Education Institutions and Interpretation Of Requirements of NBA Accreditation"	5 Days(19-07-2021 to 23-07-2021)
DR.V.Punitha	One Day International Conference on "Recent Trends in Cyber Security"	1 Day(15-12-2021)
MS.N.Bhavani	FDP on "ADVANCEMENTS IN ANALYTICS USING INFORMATICA"	5 Days(21-06-2021 to 25-06-2021)
MS.N.Bhavani	FDTP on CS8091 "BIGDATA ANALYSIS"	6 Days(27-12-2021 to 03-01-2022)
MS.N.Bhavani	FDP on "INCULCATING UNIVERSAL HUMAN VALUES IN TECHNICAL EDUCATION"	5 Days(28-02-2022 to 04-03-2022)
Ms.J.Sangeetha Priya	FDTP on CS8091 "BIGDATA ANALYSIS"	6 Days(27-12-2021 to 03-01-2022)
Ms.J.Sangeetha Priya	FDP on "RESEARCH CAPABILITIES IN FOG AND EDGE COMPUTING"	5Days(14-02-2022 to 18-02-2022)
Ms.J.Sangeetha Priya	Certification on Python 101 for Data Science	1Day(21-02-2022)
Ms.J.Sangeetha Priya	Certification on Accelerating Deep learning with GPUs	1Day(29-03-2022)
Ms.J.Sangeetha Priya	FDP on "Big Data Analytics and Machine Learning"	7Days(26-03-2022 to 01-04-2022)
Ms.J.Sangeetha Priya	PDP on "An Innovative Teaching And Learning Practices of LMS"	7Days(20-06-2022 to 28-06-2022)
Ms.J.Sangeetha Priya	FDP on "Cyber security and Blockchain Technologies"	5Days(05-04-2022 to 09-04-2022)
Ms.J.Sangeetha Priya	FDP on "Research perspectives on AI,ML,Data Science and IOT"	3 Weeks(17-05-2021 to 05-06-2021)
Ms.J.Sangeetha Priya	FDP on "INFORMATION AND CYBER SECURITY"	5Days(12-07-2021 to 16-07-2021)
Ms.J.Sangeetha Priya	STTP on "Blockchain for Digital Transformation"	5Days(12-08-2021 to 16-08-2021)
Ms.J.Sangeetha Priya	FDP on "Recent Trends in Computing"	05Days(08-12-2021 to 12-12-2021)



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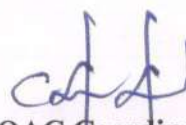


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Mechanical Engineering		
Mr. P Vigneshwar	Strength of Materials for Mechanical Engineers	6 days (17-01-2022 to 22-01-2022)
Dr. R. Rekha	FDP on Modern Trends in Manufacturing and Thermal Science (MTMTS-2022)	6 days (April 05-10th, 2022)
Dr. R. Rekha	Workshop on Quality Assessments and Accreditation in HEIs	2 days (27.6.2022 and 28.06.2022)
Dr. R. Rekha	FDP on "Advancements in Thermal and Renewable Energy Technologies (ATRET-2022)"	6 days (04/07/2022 to 09/07/2022)
Mr. S. Karthikeyan	FDP on Inculcating Universal Human Values in Technical Education	5 days (28/02/2022 to 04.03.2022)


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Master of Business Administration		
S. Syed Muthaliff	Faculty Development Programme on "Innovative Teaching Techniques & Research Methodology"	15th to 20th November 2021
S. Syed Muthaliff	FDP on "Technology Disruptions in Management"	23-27/08/2021
Dr V.Mahalakshmi	FDP on " Introduction to REITs and INvITS"	2/28/2022
Dr V.Mahalakshmi	Five days online FDP on "Erudition on to do academic research in marketing management for Publishing in Top-Tire journals and Doctoral Dissertations Marketing Management"	May 31- June 04,2021
Dr V.Mahalakshmi	FDP on "Technology Disruptions in Management"	23-27/08/2021
Dr V.Mahalakshmi	Five days online FDP on "Business Analytics using Python for foodand agriculture sector Data sciences thrust areas	26-30/7/2021
J. Navaneetha Krishnan	Three Days National level Faculty Development Program on Investor education and Awareness	28-30/12/2021
J. Navaneetha Krishnan	Five day National workshop on Art of Research article writing and Publications	27-31/01/2022
K. Arun prasad	FDP on " Introduction to REITs and INvITS"	2/28/2022

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Humanities and Science		
Dr. L. Muruganandam	Indian Summer school on Crystal Growth	6 days (16-05-2022 to 21-05-2022)
Dr.G.Thulasi	FDP on ICT tools for effective teaching and learning	6 days (23-05-2022 to 28-05-2022)
Dr.V.Balamurugan	Indian Summer school on Crystal Growth	6 days (16-05-2022 to 21-05-2022)
Dr.S.Priyarega	NPTEL-Bioinorganic Chemistry	4 weeks (Jan-Feb-2022)
Dr. D. Geetha	Glimpse of engineering mathematics and its Applications	5 days (14.02.2022 to 18.02.2022)


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