

Quality initiatives by IQAC for promoting quality culture

SNO	Name of Quality Initiative by IQAC
2012-13	
1	It is proposed to prepare strategic plan in the Institution
2	To conduct Workshops and Faculty Development Programmes
3	To encourage faculty for paper publications in various National and International Seminars
4	To organize student meets and in turn enable them to realize their potentials
5	To Publish Newsletter
6	To invite eminent persons from the industry
7	To review the students evaluation process in terms of Internal Evaluation, Attendance, mid examinations, Assignments, Seminars for UG /PG students
8	To organize the Board of studies meetings
9	To prepare Course Objectives, Programme Objectives, Outcomes of each Course in the respective Departments
10	Timely submission of AQAR to NAAC
2013-14	
1	To encourage faculty for paper publications in various National and International Seminars
2	To encourage Faculty to apply for PhD/MTech programmes.
3	To encourage Faculty to deliver lectures using LCD/PPTs
4	To provide the course material in MOODLE
5	To encourage faculty to download the lectures form IIT /IISC/IIIT / NITS / NPTEL.
6	To maintain interaction with Industry and identify their requirements at department level.
7	To Enhance the Teaching Learning Process
8	To improve Library services
9	Organizing Lectures ,Seminars , Conferences on Research Methodology and allied topics
10	To prepare the perspective plan
11	To prepare a specific budget proposal for Research
12.	To apply atleast 2 UGC/AICTE Minor and Major Research projects
13	Review of ISO audit
14	Conduct of value added / career oriented programmes at departmental / interdepartmental level in the Institute
15	Timely submission of AQAR to NAAC
2014-15	
1.	It is proposed to increase number of Certificate Courses in the college
2.	To Apply for NBA accreditation in 2015-16.
3.	To improve the student support and progression programmes
4.	It is proposed to train the faculty to attain proficiency in the use of ICT based tools and enhance the teaching-learning process.
5.	It is proposed that the faculty members should at least attend one program on emerging technologies
6.	It is proposed to conduct extension programmes
7.	It is decided to organize development programmes for supporting staff.
8.	It is proposed to conduct SWOT analysis at departmental level
9.	It is proposed to initiate activities to make the campus eco-friendly
10.	It is proposed to adopt two Best Practices to reach the vision and mission of the college.
11.	Timely submission of AQAR to NAAC
2015-16	

1	It is proposed to provide E-Learning material , Online Courses using MOODLE server.
2	To Apply for National ranking schemes at Institutional level
3	To participate in the NBA Accreditation
4	To Organize FDPs related to Research and Innovation
5	To Organize FDPs related to Quality Assurance methods
6	It is proposed to initiate activities to make the campus eco friendly
7	It is proposed to improve the student support and progression programmes
8	Timely submission of AQAR to NAAC
9	To conduct Awareness Programme on Outcome Based Education
10	To conduct Short Term Courses
2016-17	
1	To conduct External Academic audit for academic year 2016-17
2	Prepare External Academic audit in compliance with NAAC requirements
3	Participation in NIRF ranking
4	To organize National workshop on Awareness on Green initiatives for Sustainable Green Campus
5	To organize a workshop on Accreditation process
6	To organize FDPs for supporting staff
7.	Timely submission of AQAR to NAAC
2017-18	
1	To conduct and review National ranking and aim for better National ranking
2	Timely submission of AQAR to NAAC
3	Prepare External Academic and Administrative reports in compliance with NAAC requirements
4	To upgrade the ISO certificate to 9001:2015
5	Conduct of FDPs
6	To participate in NAAC Accreditation process
7	To increase the number of Faculty publications
8	To organize National / Inter National Conferences
9	To implement Welfare Schemes for Staff

Activities correlating the Quality Initiatives

Year	Name of quality initiative by IQAC	Duration (from – to)	Number of participants
2017-18	A 5 day certificate course on Land survey by using Total station	12-12-2017 to 16-12-2017	50
2017-18	ONE DAY NATIONAL WORKSHOP ON “Construction Technologies for speedy construction of structures”	16/09/2017	25
2017-18	ONE DAY NATIONAL WORKSHOP ON "Recent Advances in Transportation Engineering"	02-03-2018	29
2017-18	A One day National workshop on “Awareness meet on legal rights of women”	29/11/2017	13
2017-18	Second international conference SCI 2018: “Smart Computing and Informatics”	27-01-2018 to 28-01-2018	28
2017-18	One week –STTP on Intelligent Computing & Deep Learning	20-11-2017 to 25-11-2017	17
2017-18	One week FDP on Computer Vision, Information Theory & Analytics	28-08-2017 to 01-09-2017	15
2017-18	A Two day workshop was organized on “Signal Processing using Simulink”	on 1 st & 2 nd March, 2018 for III B.Tech. ECE students and faculty	115
2017-18	Arranged one day workshop on “ Simulation and Design of Electrical Circuits Using MY RIO and Analog Discovery 2” by Mr. Rajkumar Rajasekaran, Application Engineer, National Instruments, Bangalore	02-02-2018	12
2017-18	Arranged a guest lecture on “Recent Advances in Power systems” by Dr.Naeem Hannoun, Assoc.Professor, university of Technology, Mara, Malaysia and Dr. Panigrahi, Professor, IIT Delhi.	27/01/2018	16

2017-18	Arranged a guest Lecture on "Power Systems" by Dr. G. Siva Kumar, Asst. Prof, NIT Warangal	21/09/2017	15
2017-18	Arranged a guest Lecture on "Power system generation & transmission" by Mr. S. Satya Sai Baba (D.E, Electrical) GVK Gas Power Plant, Rajahmundry	31/08/2017	11
2017-18	3 day FDP on Block chain Technology	21-3-2018 to 23-3-2018	23
2017-18	Two day Workshop on "ELECTRIC DISCHARGE MACHINING (EDM)" for non-teaching staff by Mr. N. Raghuram, Assistant Professor, Mech. Engg. Dept., PVPSIT, Sri. D. Uma Maheswara Rao, Jr. Mechanic, Mech. Engg. Dept., PVPSIT, at CAD Lab, room no.318.	23.04.2018 to 24.04.2018	11
2017-18	One Week Faculty Development Programme on "Research Skills Development" organised by the department of Mechanical Engineering at P.V.P.Siddhartha Institute of Technology, Kanuru, Vijayawada.	9 th –13 th April, 2018,	32
2017-18	One - Day workshop on "Electrical Discharge Machining" at P.V.P.Siddhartha Institute of Technology, Kanuru, Vijayawada.	23 rd September, 2017	19
2017-18	Two Day Workshop on "Finite Element Analysis of Structures (FEAST) Software jointly organized by Indian Society for Science and Engineering (ISSE)- Amaravathi Chapter, PVPSIT and Indian Space Research Organization.	3 rd – 4 th , August, 2017	8

2017-18	AICTE recognized short term course on "Optimization using MATLAB" through ICT NITTTR, Chandigarh at P.V.P.Siddhartha Institute of Technology, Kanuru, Vijayawada.	17 th - 21 st July, 2017.	21
2017-18	Nondestructive testing methods	12-02-2018 to 17-02-2018	30
2017-18	Basics of PLC	20-02-2017 to 28-03-2017	16
2017-18	Essentials for NX- Designers	29-07-2017 to 04-11-2017	26
2017-18	Essentials for NX- Designers	13-11-2017 to 18-11-2017	25
2017-18	NC Part Programming on Turning	14-11-2017 to 18-11-2017	22
2017-18	Two day training Programme on "SENSOR KIT" by Mr. T.S Bharath, Assistant Manager, B.K. Auto center, BOSCH Rex ROTH, Bangalore. at Mechatronics Lab room no.448.	from 18.04.2018 to 19.04.2018	10
2017-18	One week FDP on "RESEARCH SKILLS DEVELOPMENT" the resource persons were Dr. G. Srinivasa Rao, Professor, Mechanical Engg. Dept., RVR & JC, Guntur., Sri. B. Narasimha Swamy, Sr. Assistant Professor, CSE Dept., PVPSIT, Vijayawada., Dr. Korla Srikanth, Associate Professor, Mechanical Engg. Dept., NIT, Warangal.	from 09.04.2018 to 13.04.2018	59
2017-18	Guest Lecture on "NANO COMPOSITES" by Dr. Nagumothu Kishore Babu, Empa, Swiss Federal Laboratories for Materials Science and Technology, Feuerwerkerstrasse, Thun, Switzerland; at 10.30 a.m in the ground floor seminar hall for IV B. Tech Mechanical Engineering students and staff.	02-07-2018	14

2017-18	One day National Conference on RECENT ADVANCES IN MECHANICAL ENGINEERING(NCRAME-17) organized by Department of Mechanical Engineering sponsored by Siddhartha Academy of General and Technical Education, Vijayawada.	12-02-2017	33
2017-18	Guest Lecture on "MECHATRONICS IN SMART MANUFACTURING" by Dr. V. Vasu, Assistant Professor, Dept of Mechanical Engg., National Institute of Technology, Warangal for IV-B.Tech students and staff of Mech. Engg. Dept. at our institution in the Ground floor Seminar hall.	28/07/2017	9
2017-18	one week Short Term Course on "Optimization using MATLAB" (ICT09) for staff by Dr. B. S. Pabla, Professor, Mr. Deepam Goyal, Professor, Dr. K. C. Lachhwani, Professor, Dr. S. S. Dhami, Professor, Department of Mechanical Engineering, National Institute of Technical Teachers Training & Research(NITTTR), Chandigarh at our institution in the Knowledge center, second floor.	from 17-07-2017 To 21-07-2017	34
2017-18	Training programme on "Electro Discharge Machining" by Sayyad Abbas, Jr. Executive(Service), Sparkonix India Pvt. Ltd., Pimpri, Pune-411018 .	28/06/2017	26
2016-17	One day National workshop on Awareness on Green Initiatives for Sustainable Green Campus	15/03/2017	30
2016-17	Two day workshop on "E-Tabs and Tall Buildings"	23.12.2016 to 24.12.2016	14

2016-17	One-Week FDP on "Computational Intelligence and its Applications in Science & Engineering"	24-04-2017 to 28-04-2017	12
2016-17	3 day Workshop on Data Science using Python	23-03-2017 to 25-03-2017	7
2016-17	Outcome Based Education and Attainment process	05-11-2016	24
2016-17	A Two day National Convention was conducted on "Recent Advances in Microwaves Antennas & Communications"	on 1 st July, 2016 & 2 nd July, 2016	30
2016-17	Arranged a guest lecture on "Indian Power Systems – A Bird's View " by Dr. S. Prabhakar Karthikeyan, Post Doctoral Fellow, CPRI, Bangalore.	22/10/2016	10
2016-17	Faculty Development Programme on "IoT for emerging Applications"	21-11-2016 to 26-11-2016	16
2016-17	Training Programme on "3-D PRINTING" for staff by Mr. Nishant Arora, Marketing & Production head, AHA 3 D INNOVATIONS Pvt. Ltd., Janakpuri, Jaipur on for staff of Mechanical Engineering Department at our institution in the CAM Lab(Room No. 321).	18/02/2017	20
2016-17	Two-Day Workshop on "Hands-on Practice on CNC Machines" organised by the department of Mechanical Engineering	08.12.2016 to 09.12.2016	25
2016-17	Two- Day FDP on Powder metallurgy and particulate materials fundamentals and industrial applications organised by the department of Mechanical Engineering	10.11.2016 to 11.11.2016	30
2016-17	Interactive session for faculty by Dr. N RAMESH BABU, Professor, Dept of Mechanical Engg., Indian Institute of Technology, Madras.	16/07/2016	86

2016-17	Two-Day Workshop on “Hands-on Practice on CNC Machines” organised by the department of Mechanical Engineering, at P.V.P.Siddhartha Institute of Technology,Kanuru,Vijayawada.	8.12.2018 to 9.12.2018	12
2016-17	Two Day Workshop on “3D Printing” organized by Mechanical Department in Association with IQAC	26.4.2017 to 27.4.2017	11
2016-17	MeitY,Govt of India, Sponsored Faculty Development Program on “New Trends and Methodologies in Engineering Education” organized by the E&ICT Academy, National Institute of Technology,Warangal,and obtained A Grade in the test at P.V.P.Siddhartha Institute of Technology.	24 th – 28 th , April 2017.	3
2016-17	Participated in a Two-Day Workshop on “ Hands-on Practice on CNC Machines” organised by the department of Mechanical Engineering, from at P.V.P.Siddhartha Institute of Technology,Kanuru,Vijayawada.	8th -9th December, 2016	28
2016-17	Two- Day FDP on Powder metallurgy and particulate materials fundamentals and industrial applications organised by the department of Mechanical Engineering, from at P.V.P.Siddhartha Institute of Technology,Kanuru,Vijayawada.	10 th -11 th Nov,2016	25
2016-17	Essential for NX Designer	14-12-2016 to 22-02-2017	22
2016-17	Two week training programme on “ANSYS”	03-04-2017 to 15-04-2017	61
2015-16	ICT Based short term course on Green & Energy Efficient Buildings	29-2-2016 to 04.03.2016	14

2015-16	Two day National Conference on "Advances in Transportation Applications, ATA-2015"	16.10.2015 to 17.10.2015	26
2015-16	One Week ICT Program on "Web Based Content Generation"	28-03-2016 to 01-4-2016	14
2015-16	Eminent Speakers Program on "SMAC Technologies"	16/02/2016	27
2015-16	Workshop on HTML(students)	05-09-2015	45
2015-16	A one-week FDP on "Industrial automation" under the national machine on education through ICT	from 5th Oct. to 9th Oct. 2015	8
2015-16	One day mind training program, Prof seojin-ki, south korea, International mind education, IYF in association with Dept of MBA,PVPSIT	30/10/2015	25
2015-16	Guest lecture on OBE (out come based education), Prof. N Siva Prasad, director, GITAM University,Hyd, PVPSIT.	28/09/2015	10
2015-16	A one day FDP on information security-elliptic curve &Diffie hellman approach	19/12/2015	11
2015-16	STC on "Smart Grid and Renewable Energy Sources" through ICT in association with NITTTR, Chandigarh PVPSIT	18-01-2016 to 22-1-2016	23
2015-16	DST Sponsored Two week Faculty development program on "Big Data Analytics"	13-06-2016 To 23-06- 2016	25
2015-16	AICTE Recognized short-term Course on "Web Based Content Generation "	28-03-2016 to 01-04-2016	10
2015-16	One week short term Course on "Soft Computing Technologies using MATLAB "	15-02-2016 To 19-02-2016	1

2015-16	A three day training program on "Hands on evolutionary algorithms using MATLAB"	10-9-2015 To 12-9-2015	19
2015-16	A three day training program on "Hands on evolutionary algorithms using MATLAB"	10-9-2015 To 12-9-2015	19
2015-16	Faculty development program on "Open Source Technologies"	4-1-2016 To 8-1-2016.	22
2015-16	Three Week Training Program on 'Pro-E Wild Fire-4.0 Software	04-04-2016 to 16-04-2016	57
2015-16	One -Day Faculty Development Programme on "Vibration Analysis using MATLAB" organised by the department of Mechanical Engineering, P.V.P.Siddhartha Institute of Technology,Kanuru,Vijayawada.	26/03/2016	28
2015-16	2-Day DST sponsored National Seminar on "MECHATRONICS & MEMS" organised by the department of Mechanical Engineering, P.V.P.Siddhartha Institute of Technology.	06th -07th Nov 2015	30
2015-16	One -Day Faculty Development Programme on "Vibration Analysis using MATLAB"	26/03/2016	22
2015-16	Workshop on "APPLICATIONS ON RAPID PROTOTYPING AND 3D PRINTING"	28/01/2016	15
2015-16	Guest Lecture on "INDIAN SPACE TRANSPORTATION SYSTEMS" by Sri Ch. Sarat Babu, Scientist - E, ISRO, Trivandrum	24/12/2015	20
2015-16	One week workshop on ADVANCED MANUFACTURING METHODS (through ICT) by Mr. Sunil Jassal, Mr. PK Rao from NITTTR, Chandigarh	12-10-2015 to 16-10-2015	30

2014-15	One day National workshop on "Recent Trends in Environmental Management"	17/10/2014	19
2014-15	Short term course on " Green and Energy Efficient Buildings" through ICT	29.02.2016 to 04.03.2016	
2014-15	INTERNET-ITS PAST,PRESSENT FUTUREEMERGING TRENDS IN BIG-DATA and CLOUD COMPUTING	12-12-2014	29
2014-15	Faculty Development Programme on "Recent trends in Research Methodologies"	25/10/2014	7
2014-15	one week Faculty Development Program on "Recent Trends in Systems & Signal Processing" (RTSSP-14) organized by Dept. of ECE., LBRCE, Mylavaram from 22nd December 2014 to 27th December 2014		6
2014-15	Three day training program on "Power system simulation studying using Mipower software"	10-11-2014 to 12-11-2014	11
2014-15	One day training programme on "Effective teaching methodologies"	26/07/2014	23
2014-15	Hands-on MATLAB training course on "Feature Extraction and Classification techniques for pattern Recognition and Machine Learning Techniques",	27-06-2015 To 28-06-2015	11
2014-15	Two week faculty development program on "Network Security& cyber Forensics"	13-04-15 To 24-4-2015	11
2014-15	2-Day DST sponsored National Seminar on "Smart Materials, Adaptive Structures & Intelligent Systems"	28-11-2014 to 29-11-2014	38

2014-15	One Day Training Programme on "Effective Teaching Methodologies" at P.V.P.Siddhartha Institute of Tech	26/07/2014	113
2014-15	2-Day DST sponsored National Seminar on "Smart Materials, Adaptive Structures & Intelligent Systems" organised by the department of Mechanical Engineering, P.V.P.Siddhartha Institute of Technology.	18/10/2014	25
2014-15	one day Faculty Development Programme on "Recent Advances in Additive Manufacturing" at V.R.Siddhartha Engineering College	18/10/2014	13
2014-15	One Day Training Programme on "Effective Teaching Methodologies" at P.V.P.Siddhartha Institute of Technology.	26/07/2014	9
2014-15	Two week training Program on ANSYS software	03-03-2015 to 13-03-2015	44
2014-15	Two week training Program on Pro-E software	09-04-2015 to 30-04-2015	45
2013-14	One day National workshop on "Earthquake Resistant Design of Engineering Structures"	29/03/2014	22
2013-14	Two week ISTE workshop on "Computer Networking"	30-06-2014 to 05-07-2014	14
2013-14	National Seminar on "Cloud Computing" sponsored by DST, Govt. of India	25-11-2013 to 26-11-2013	19
2013-14	Two day workshop on "HTML 5(students)	20-09-2013 to 21-09-2013	50
2013-14	A two week ISTE workshop on "SIGNALS & SYSTEMS" conducted by National Mission on Education through ITC (NMEICT) through synchronous and Asynchronous Instruction.	from 2 nd January, 2014 to 12th January, 2014	25

2013-14	webinar on "Sensor Measurement Fundamentals" webcasted by National Instruments, India	from 28th January, 2014 to 31st January, 2014	23
2013-14	A Two day workshop on "Advanced Trends in Embedded systems" (ATES-2014)	28-2-2014 to 1-3-2014	23
2013-14	Two day national seminar on "Recent Innovative trends in electrical motors and its Industrial applications" (RITEMIA-2014) sponsored by DST & SAGTE,	20-2-2014 to 21-2-2014	25
2013-14	One day workshop on "PLC & SCADA" as a part of Inter Institutional Faculty development Programme under IQAR (internal quality assurance cell) by Sri. K.VENUGOPAL, D.E. & Sri P.V.SRINIVAS, D.E. Vidyut Soudha, HYD.,	31/01/2014	23
2013-14	Two Weeks Training Program on "Computer Programming"	20.05.2014 To 21.06.2014	20
2013-14	Quality Improvement Program On Instructional Design And Delivery System"	08-07-2013 to 12-07-2013	7
2013-14	One Day Faculty Development Program on "Best Practices in Software Quality Engineering and 21st Century Teaching Learning System in IT Education"	20/07/2013	18
2013-14	Two week training programme on Pro-E WildFire-4.0Software	21-2-2014 to 1-3-2014	45
2013-14	One week training programme on "ANSYS"14.0 Software	24-3-2014 to 29-3-2014	36
2013-14	2-week ISTE Main Workshop on "Fluid Mechanics" conducted by IIT Kharagpur under the National Mission on Education through ICT (MHRD)	20 th -30 th May,2014.	13

2013-14	3-Day Workshop on "Aero Modelling" at P.V.P.S.I.T.	10 th -12 th March,2014 .	4
2013-14	2-Day DST sponsored National seminar on "Current Trends in Advanced Manufacturing Processes" at P.V.P.Siddhartha Institute of Technology.	22 nd -23 rd November,2013	24
2013-14	2-Week ISTE Workshop on "Fluid Mechanics" under the National Mission on Education through ICT, MHRD, Govt. of India, conducted by IIT Karagpur	20-05-2014 to 30-05-2014.	26
2013-14	Guest Lecture on "QUALITY ENHANCEMENT IN HIGHER EDUCATION- ROLE OF FACULTY AND STUDENTS" and the resource person was Dr. N. Siva Prasad, Professor, Department of Mechanical Engineering , IIT Madras, Chennai.	31/12/2013	20
2013-14	A Five Day Faculty Development Programme Was Arranged On INSTRUCTIONAL DESIGN AND DELIVERY by Dr.G.Kulanthaivel, Associate Professor(Course Co-ordinater) Dept. Electronics,NITTTTR, Chennai and Dr. ESM Suresh, Professor & Head (Course Co-ordinater) Civil Dept. NITTTTR, Chennai.in association with NITTTTR, Chennai	08.07.2013 to 12.07.2013	49
2013-14	2-week faculty development program on "Current Trends in Aircraft Maintenance & Future Enhancements" from organised by the department of Mechanical & Aeronautical Engineering, sponsored by AICTE, P.V.P.Siddhartha Institute of Technology.	17-062013 To 29-06-2013	24