

# GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous institute with permanent affiliation to JNTUK, Kakinada)

Seshadri Rao Knowledge Village, GUDLAVALLERU – 521 356

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## Sixteenth IQAC Action Taken Report

Agenda	Minutes	Action Taken																										
16.01	The Coordinator has presented a report on various academic activities taken up during the current academic year from 10-02-2019 to 25-09-2019, the achievement of the students in co-curricular & extra-curricular activities, placements provided, industrial visits arranged, faculty development programs conducted, faculty publications, etc.	----																										
16.02	As per the guidelines of the AICTE, a 3-week Induction Program, named as Zero Semester with effect from the Academic Year 2019-20 was organized for the I B.Tech students from 7 August 2019 to 24 August 2019 and Fresher's Day was conducted on 24 August 2019 is reviewed.	----																										
16.03	The coordinator presented the admissions of UG & PG programs for the academic year 2019-20. The overall admissions of UG B.Tech programs is 84.00% with the satisfactory admissions of ECE, CSE & IT programs. The overall admissions of PG B.Tech programs is 20.77% and MBA is 70.32%.	----																										
16.04	<p>It is resolved to be conduct the following Faculty Development Programs (FDPs) and Student Development Programs (SDPs) proposed by various departments during the academic year 2019-20.</p> <p><b>Faculty Development Programs (FDPs):</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Dept.</th> <th style="width: 40%;">Title of the Program</th> <th style="width: 15%;">Duration</th> <th style="width: 35%;">Tentative Dates</th> </tr> </thead> <tbody> <tr> <td rowspan="2" style="text-align: center;">CE</td> <td>Workshop on “Advances in Analysis and Design of Structures”</td> <td style="text-align: center;">5 Days</td> <td style="text-align: center;">November 2019</td> </tr> <tr> <td>Hands on Experience “Structural Engineering Software”</td> <td style="text-align: center;">3 Days</td> <td style="text-align: center;">February 2020</td> </tr> <tr> <td style="text-align: center;">EEE</td> <td>Workshop on “Applied Research in Renewal Energy and Grid Integration”</td> <td style="text-align: center;">5 Days</td> <td style="text-align: center;">19 – 23 November 2019</td> </tr> <tr> <td rowspan="2" style="text-align: center;">ME</td> <td>Supply chain Management</td> <td style="text-align: center;">1 Week</td> <td style="text-align: center;">25 to 30 November 2019</td> </tr> <tr> <td>Computational Techniques in Engineering Design</td> <td style="text-align: center;">One Week</td> <td style="text-align: center;">4 to 9 May 2020</td> </tr> <tr> <td style="text-align: center;">ECE</td> <td>VLSI Design &amp; Embedded System</td> <td style="text-align: center;">1 Week</td> <td style="text-align: center;">11 to 16 November 2019</td> </tr> </tbody> </table>	Dept.	Title of the Program	Duration	Tentative Dates	CE	Workshop on “Advances in Analysis and Design of Structures”	5 Days	November 2019	Hands on Experience “Structural Engineering Software”	3 Days	February 2020	EEE	Workshop on “Applied Research in Renewal Energy and Grid Integration”	5 Days	19 – 23 November 2019	ME	Supply chain Management	1 Week	25 to 30 November 2019	Computational Techniques in Engineering Design	One Week	4 to 9 May 2020	ECE	VLSI Design & Embedded System	1 Week	11 to 16 November 2019	Organized some of the proposed FDPs & SDPs.
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CE	Workshop on “Advances in Analysis and Design of Structures”	5 Days	November 2019																									
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	Communications	1 Week	20 to 25 April 2020
CSE	Workshop on “Soft Computing-Techniques and its Applications”	2 Week	25 <sup>th</sup> November to 7 <sup>th</sup> December 2019
	Workshop on “Data Science”	1 Week	4 – 9 December 2019
IT	Data Science & Data Analytics through Python & R Programming	2 weeks	23 March – 4 April 2020
BS&H	Workshop on “Plastic free environment”	1 Day	7 <sup>th</sup> December 2019
	Workshop on “MATLAB applications in numerical methods”	1 Day	20 <sup>th</sup> December 2019
	Workshop on “Advanced Optimization algorithms”	1 Day	21 <sup>st</sup> December 2019
ENG	Workshop on “Research writings and publications”	1 Day	23 December 2019
MBA	Workshop on “HRM: Changes, Tendencies and New Technologies”	1 Day	13 <sup>th</sup> November 2019

**Student Development Programs (SDPs):**

Dept.	Title of the Program	Duration	Tentative Dates
CE	Guest Lecture on “Construction Management”	1 Day	October 2019
	Workshop on « REVIT Architecture”	3 Days	December 2019
	Guest Lecture on “Structural Analysis”	1 Day	January 2020
	Hands on Experience on “ETABS”	3 Days	February 2020
	Guest Lecture on “Construction Materials”	1 Day	March 2020
EEE	Guest Lecture on “EDS”	1 Day	Oct 2019
	Guest Lecture on “Transformers”	1 Day	Oct 2019
	Workshop on “Fundamentals of PLC Phase – II” for II & III Year Students	6 Days	Dec 2019
ME	Guest Lecture on “Advanced Welding Techniques in Pressure Vessel Design”	1 Day	16 December 2019
	Guest Lecture on	1 Day	6 January

		“Design and Fabrication of Solar System for Engineering Applications”		2020
		Guest Lecture on “Condition Monitoring of Equipment - Industrial Techniques”	1 Day	14 February 2020
		Guest Lecture on “Boiler - Troubles & Trouble Shooting”	1 Day	9 March 2020
		Workshop “ANSYS”	1 Week	25 to 30 Nov. 2019
		Workshop on “Hypermesh”	3 Days	2 to 4 Dec.2019
		Workshop on “Fabrication of Solar Systems in Mechanical Engineering Applications”	3 Days	7 to 9 January 2020
		Workshop on “HVAC”	3 Days	2 to 4 Mar.2020
	ECE	Guest Lecture by Industry expert	1 Day	5 October 2019
		Guest Lecture	1 Day	8 January 2020
		YODHA-Project Model Expo/Paper Presentation/Poster Presentation	1 Day	2 February 2020
		Guest Lecture	1 Day	5 February 2020
		Guest Lecture	1 Day	21 February 2020
		Startup Innovation Ideas	1 Day	10 October 2019
		Workshop on “System Verilog using Xilinx Vivado tool/Mentor Graphic tool”	2 Days	5 December 2019
		Workshop on “Internet of things”	2 Days	23 December 2019
		Workshop on “Embedded system Design using ARM Cortex”	3 Days	3 January 2020
		Workshop on “Mobile app development by APSSDC”	2 Days	4 March 2020
	CSE	Workshop on “Web Development using Python”	1 Week	2 <sup>nd</sup> - 4 <sup>th</sup> December 2019
		Workshop on “Alexa Skills”	1 Week	9 <sup>th</sup> - 14 <sup>th</sup> December 2019
		Guest Lecture on “Cloud Literacy”	2 Days	22 <sup>nd</sup> & 23 <sup>rd</sup> January 2020
		Guest Lecture on “Cutting Edge Technologies”	1 Day	7 <sup>th</sup> January 2020
		Multi Skills Training Programme		25 <sup>th</sup> Nov. - 25 <sup>th</sup> Jan.

			2020		
	Artificial Intelligence and Machine Learning	3 Week	4th - 23 <sup>rd</sup> May 2020		
IT	Advanced Python Programming	1 week	10.03.2020 - 15.03.2020		
MBA	“Financial Awareness and Planning”	1 Day	30 <sup>th</sup> September 2019		
16.05	It is resolved to be conduct the following Co-curricular and Extra-Curricular activities proposed by various departments during the academic year 2019-20.			Organized some of the proposed Co-curricular and Extra-Curricular activities.	
	<b>Dept.</b>	<b>Title of the Program</b>	<b>Duration</b>		<b>Tentative Dates</b>
	ME	Model Exhibition	1 Day		13 Sept. 2019
		Project Expo	1 Day		24-02-2020
		Paper Presentation	1 Day		12-09-2019
		Poster Presentation	1 Day		13-09-2019
		Computer Aided Smart Job	1 Day		09-09-2019
		Essay Competition	1 Day		02-03-2020
		General Quiz	1 Day		11-09-2019
		Technical Quiz	1 Day		11-09-2019
		Group Discussion	1 Day		14-10-2019
	CSE	Aptitude, Reasoning, Verbal Test	1 Day		27 <sup>th</sup> September 2019
		Photography contest	1 Day		10 <sup>th</sup> October 2019
		Coding Contest	1 Day		18 <sup>th</sup> October 2019
		C Puzzles	1 Day		6 <sup>th</sup> December 2019
		Cine Quiz	1 Day		13 <sup>th</sup> December 2019
		Group Discussion	1 Day		20 <sup>th</sup> December 2019
		JAM	1 Day		27 <sup>th</sup> December 2019
		Article Collection	1 Day		3 <sup>rd</sup> January 2020
		Code Hunt (6 Hour Coding Hackathon)	1 Day		24 <sup>th</sup> January 2020
		Treasure Hunt	1 Day		31 <sup>st</sup> January 2020
	IT	Technical Paper Contest	1 Day		12 <sup>th</sup> February 2020
		Inter Department Technical Paper contest	1 day		24 <sup>th</sup> January 2020
		Technical Poster Presentation	1 day		20 <sup>th</sup> February 2020
		Technical Model Presentation	1 day		20 <sup>th</sup> February

				2020	
		Innovation challenge	1 day	20 <sup>th</sup> February 2020	
		Coding contest	1 day	21 <sup>st</sup> February 2020	
		Mono Action	1 day	21 <sup>st</sup> March 2020	
		JAM(Just A Minute)	1 day	21 <sup>st</sup> March 2020	
		Story Telling	1 day	23 <sup>rd</sup> March 2020	
		Turn Into Telugu	1 day	23 <sup>rd</sup> March 2020	
		Article Writing	1 day	25 <sup>th</sup> March 2020	
	MBA	Two-day National Level Management Meet	2 Days	February 2020	
	Phy.Edu.	JNTUK university team selection trails for Volley ball (Men & Women) and Kho-Kho(Men) and also conduct University Coaching Camp	1 Week	November 2019	
16.06	The members reviewed the Skill development programs organized by the APSSDC for the academic year 2018-19. Sufficient number of programs arranged by the various departments and 4704 students benefited out of these programs. Dassault Systems 3D Experience lab installed and trained 391 students in the areas of CATIA Assembly and Surface Design Modules during 01-07-2019 to 14-09-2019. Established APSSDC-ECM: ARC Labs “Indo-Euorpean Skilling Centers for Mechatronics and Industrial Robotics” and conducted online sessions from APS Gmbh Aachen Germany by Prof. Stark and Offline sessions by in-house faculty: Dr. A. Jawahar Babu, Sri D. Tarun and Sri B. Rohith Bala Jaswanth on the contests of ARC 1.0				----
16.07	The coordinator presented the Academic Strengthening and Advancement activities for the academic year 2018-19.				----
16.08	Members of IQAC suggested to constitute an Academic Cell to specifically focus on curriculum development, empowering faculty on academic issues and to promote research culture.				Proposals submitted to the Management for establishment of Academic Cell