

Best Practices	
Describe at least two institutional best practices Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link	
Practice	Computer Awareness Program among Students of “ Zilla Parishad Govt. High School, ”
Goal of the Practice	<ul style="list-style-type: none"> • To create interest to computer based systems among students. • To spread computer literacy. • To motivate growing children to participate in computer activities. • To reduce digital divide to some extent.
The Process	<ul style="list-style-type: none"> • CSE Department of SDES shall aim to identify to some school with insufficient infrastructure to provide computer literacy to their students. • This is to uplift the knowledge of the Computers among the economically backward students at nearby area. • The volunteers including staff and student members of CSE Department picked the “Zilla parishad Govt. High School, Sheriguda”, to train the 9th and 8th standard students, so as to increase the rate of Computer Literacy. • Students of CSE Department conducted classes for theory and practical work. And conducted assessment tests in which the students were awarded with 1st, 2nd and 3rd ranks. • Organized the event for 2days from 9th Jan 2019 & 10th Jan 2019. 160 Students Participated in the event. • The schedule was as follows; for 8th standard students 1st day Events were: Introduction to Computers that included, Generations of Computers, Block Diagram of the Computers, Physical Components of a computer & introduction to Operating Systems. 2nd day Events were: Installation of Operating Systems, M S Word, M S Paint, Uses of Internet, Search Engines, What is Email and Social Networks. Later the students attended the exam that recapitulated the courses they learnt. And they were awarded in the valedictory function. • For 9th Standard students, 1st day events were: Overview of Computers, M S Word & Paint, Generations of Computers, Physical Components of Computer, M S Office (Excel), what is network and Internet, Email Writing. On day 2 they were taken to Physics Lab and Chemistry Lab to explain about the Physics and Chemistry related Experiments. Later the students attended the Exam that recapitulated the courses they learnt and were got awarded for 1st, 2nd and 3rd rank students, in the Valedictory function. • The Principal of the School appreciated about the Computer

	Awareness Program and gave us the appreciation letter that is attached below as proof.
Impact of the Practice	<ul style="list-style-type: none"> To create interest among the students to become computer literate with an ambition to take up Computer Science as their career and IT oriented hardware /software in the future.
Resources Required	<ul style="list-style-type: none"> Smart Class Room, Computer System Lab for practical work.

Practice	Training on General Electronic Components for Household Appliances among Students of “Zilla Parishad Govt. High School, ”
Goal of the Practice	<ul style="list-style-type: none"> To create awareness and to increase the knowledge on normal household appliances like TV, Refrigerator, etc. To decrease the dependency outside mechanics for small issues of electronics appliances at home. To motivate and increase interest of students to plan their life in electronics research and development.
The Process	Organized the event for 3days from 9 th Jan 2019 to 11 th Jan 2019.
Impact of the Practice	<ul style="list-style-type: none"> Students of rural back ground from 9th and 10th standard have learnt about the basic electronic components like rectifier, how to convert for DC to AC, how to rectify the voltage and current issues generally take place at home. On day1 students learnt about active and passive elements like resistor, capacitor, transistor, voltage and current devices, diode, how battery stores energy etc. Second day students have learnt about the applications of devices learnt in first day. Applications of devices include all the home appliances.
Resources Required	<ul style="list-style-type: none"> Basic electronic components, soldering machines, electronics lab to explain about the components.

Practice	“Value Added Trainings and Hackathons for Entrepreneurship” for Students
Goal of the Practice	<ul style="list-style-type: none"> • Conduct awareness and development programs about entrepreneurship. • Conduct staff training programs for the industrial enterprises. It will conduct growth oriented programs for the first and second generation entrepreneurs. • Provide support, services to entrepreneurs, and escort services to the first generation entrepreneurs. • Conduct various seminars and workshops in the related fields of interest and need. •
The Process	<ul style="list-style-type: none"> • We provide maximum infrastructural facilities to the students, including various laboratories, hardware and software. Research labs are open for students for 24×7. • Faculties are introducing the domain related industries to the interested students, as well as help them in the initial stages of the enterprise. • Special focus will be on early stage ideas and innovations which can be definitely converted to the products. • Government schemes for funding are introduced to the students by the trainers and necessary advocacy is been provided. • Interaction with entrepreneurs and create a mentorship scheme for student entrepreneurs.
Impact of the Practice	<ul style="list-style-type: none"> • Students will be able to know about entrepreneurship and the students who want to startup their own business will have the guidance.
Resources Required	<ul style="list-style-type: none"> • One lab with 10 Computers.



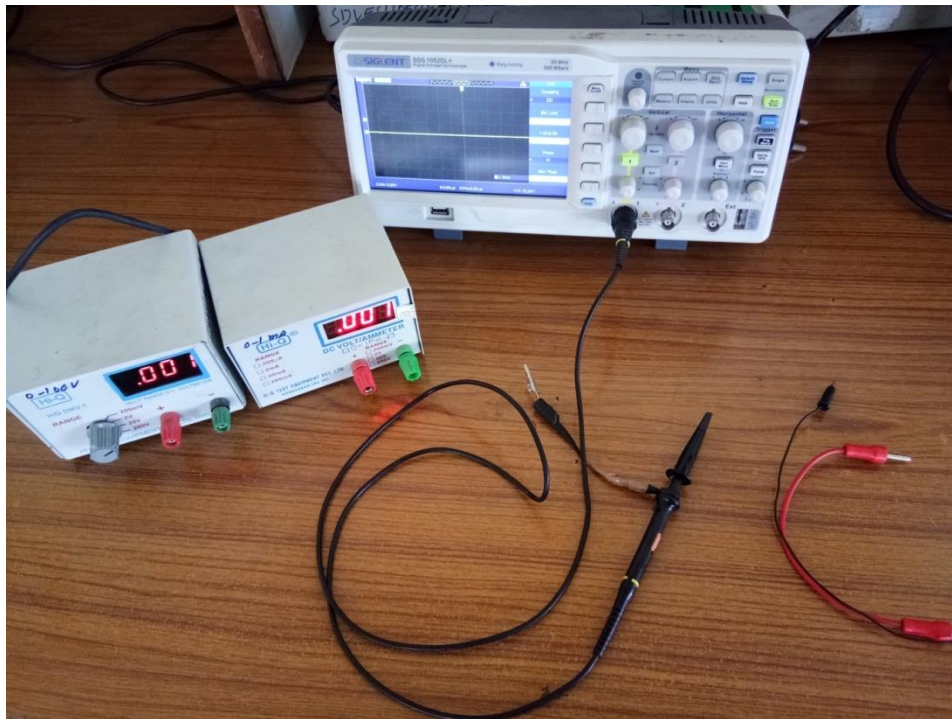
The Photograph of Electronic Devices and Circuits LAB



Arrival of students to our college for the event



Honourable Director Sir, Dr. Md Sameeruddin Khan Sir, distributing the basic Materials for the students required for the Event



Photographs showing the Voltmeter, Ammeter and DSO (Digital Storage Oscilloscope)



Basic Electronic Components like Diode, resistor, capacitors, mini transformer, soldering gun etc.



Honourable Vice Chairmen Sir, Dr. G N V Vibhav Reddy Garu, distributing the awards to the students





The Photograph shows the Students boarding the Sree Dattha Institutions Bus, for reaching the destination “Sree Dattha Institute of Engineering & Science”.



Our Honorable Director Sir, Dr. Md Sameeruddin Khan inviting the Honorable Principle Mr. P Linga Murthy and students of “Zilla Parishad High School, Sheriguda”.



Students of “Zilla Parishad High School, Sheriguda”, at our Smart Class Room.



Honourable Principal Sir of “Zilla Parishad High School, Sheriguda”, and our Respected HOD of Computer Science and Engineering Department Distributing books, pencils and pens to the students of “Zilla Parishad High School, Sheriguda”.



Final Year student of Computer Science and Engineering Department, explaining about the “Generation of Computers” to the students.



Our Physics Proff. Lalitha Phani Madam, explaining about the experiments of Physics to 9th standard students of “Zilla Parishad High School, Sheriguda”.



Our Chemistry Prof. Swathi Madam, explaining about the experiments of Chemistry to 9th standard students of “Zilla Parishad High School, Sheriguda”.



Our Physics Proff. Lalitha Phani Madam, explaining about the experiments of Physics to 9th standard students of “Zilla Parishad High School, Sheriguda”.



Our honorable Chairman Sir, Shree G Panduranga Reddy Garu, awarding students of “Zilla Parishad High School, Sheriguda”.





Volunteers and participants of the event



Chairman and Guest appreciating the winners of Ideathon 2k19