



Marathwada Shikshan Prasarak Mandal's

Sunderrao Solanke Mahavidyalaya, Majalgaon



INTERNAL QUALITY ASSURANCE CELL

CRITERION 2 – TEACHING-LEARNING EVALUATION

2.3 Teaching-Learning Process

2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences using ICT tools

Details of CSIT Lab



M.S.P.Mandal's

Sunderrao Solanke Mahavidyalaya, Majalgaon

Dist.Beed. Pin: 431131

Department of Computer Science

Brief Details of Computer Science and Laboratories

1. Introduction:

It has been a long necessity to align higher education with the emerging Needs of the economy so as to ensure that the graduates of higher education System have adequate knowledge and skills for employment and Entrepreneurship. The higher education system has to incorporate the Requirement of various industries in its curriculum, in an innovative and Flexible manner while developing a holistic and well-groomed graduate for various job roles in their respective IT industries. It is important to embed the competencies required for specific job roles in the higher education System for creating employable graduates. The university grants commission (UGC) has launched a scheme on higher Education as part of college/ university education, I adding to B.Sc. Computer science, B.Sc. Information technology, BCA (science) and B.Sc. Optional computer science degree. This programmer is focused in universities and collage For providing undergraduate studies which would also incorporate specific job roles in it Industries and broad based general education this would enable the graduates completing their Degree to make a meaningful participationin acceleratingIndia's economy by gaining appropriate employment, becomingentrepreneurs and creating appropriate knowledge.



2. Objectives and importance:

To provide practical knowledge related to a profession and appropriate content of IT.

To ensure that the students acquire knowledge and skills in computer so that can become ready to work in IT industries.

To provide flexibility to the student by means of pre-defendentered multiple exit points.

To provide vertical mobility to student coming out of 10+2 with computer science.

Scope of the subject Scope of the placement in CS & it: with every business and organization going digital, Today the IT sector is a booming field as compared to other sector and there is a huge Demand of computer sciences engineers and programmers. CS & IT officers some of the highest Paying jobs not only in India but also abroad.

Technology is ruling over the world the recent advancements have uplifted the status of technology and sciences related to it the computer and the internet both are one of the most powerful inventions of humankind working together, they work like a beast.

Today's advancement can make almost every task using the combination of these two. The

Whole world is on the internet every businesses is connected to its customer, every teacher

Is connected to their student. Every doctor is connected to their patient. It is a global

Intervention. Computers, along with the internet, eradicate all boundaries. This heightens the

scope of computer science. Computer science has uplifted the world in all domains and

transformed our lives. Smart Technology revolves around us and has made almost every task

digital. This evergreen scope of computer science in India has made it irresistible to purpose the

field. Commercial uses: much of the electronic old and new media are used by commercial

companies. Exciting presentations are used to grab and keep attention in advertising. Business to

business and interoffice communications are often developed by creative services firms for



advanced mobile. Commercial IT developers may be hired to design various mobile apps and websites.

Educations: In educations, computer science is used to produce computer based training courses.

Engineering: Software engineers may use programming in computer simulations for anything from entertainment to training such as military or industrial training. Software interfaces are often done as Collaboration between creative professionals and software engineers.

Mathematical and scientific research: In mathematical and scientific research, computer science is mainly used for modelling and evaluation. Programmer used computer codes to evaluate various numerical problems.

Medicine: in medicine, doctors can get trained by looking at a virtual surgery or they can simulate how the human body is affected by diseases spread by viruses and bacteria and then develop techniques to prevent it. Computer applications such as AI provide knowledge regarding virtual surgeries also help doctors to get practical training.

Departmental Infrastructure:

1) Lab Area, Students Capacity of Lab

For 1 Lab: Students Capacity: 14 students

For 2 Lab: Students Capacity: 18 students

For 3 Optional Lab: Students Capacity: 18 students

2) PC Information:

1 Lab 14 PCs with:

Processor : Intel Core i3 3.20 GHz

RAM : 2 GB

Hard Disk : 500 GB

OS : Linux / Windows

2 lab 18 pc with:

Processor : Core to Duo i3 3.20 GHz

RAM : 2 GB

Hard Disk : 1 TB

OS : Windows

3 Optional Lab 18 PC with:

Processor : Intel Core i3 3.20 GHz

RAM : 1 GB

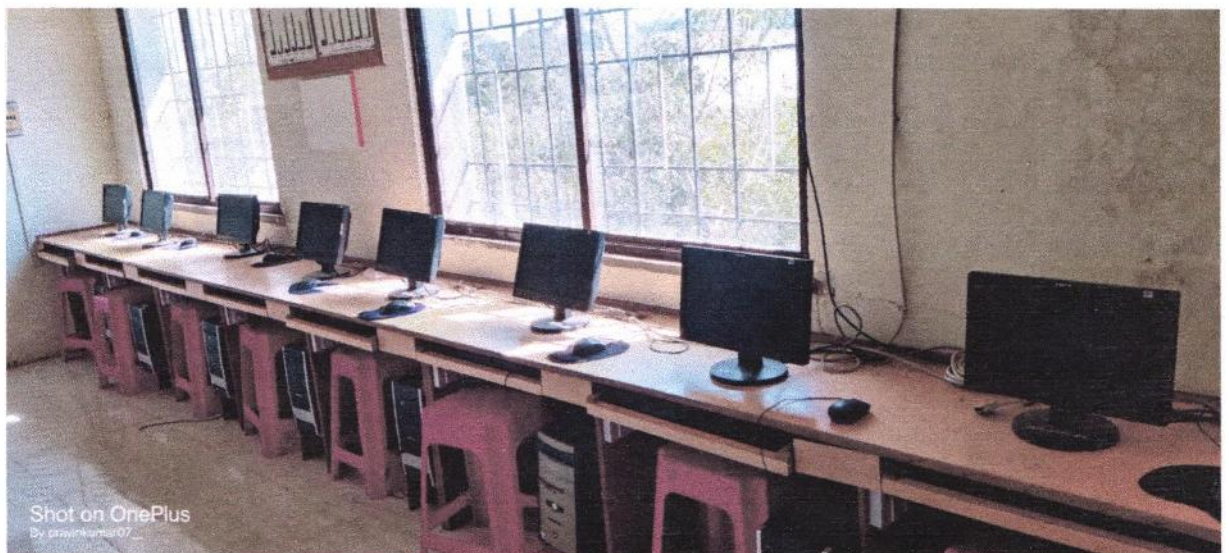
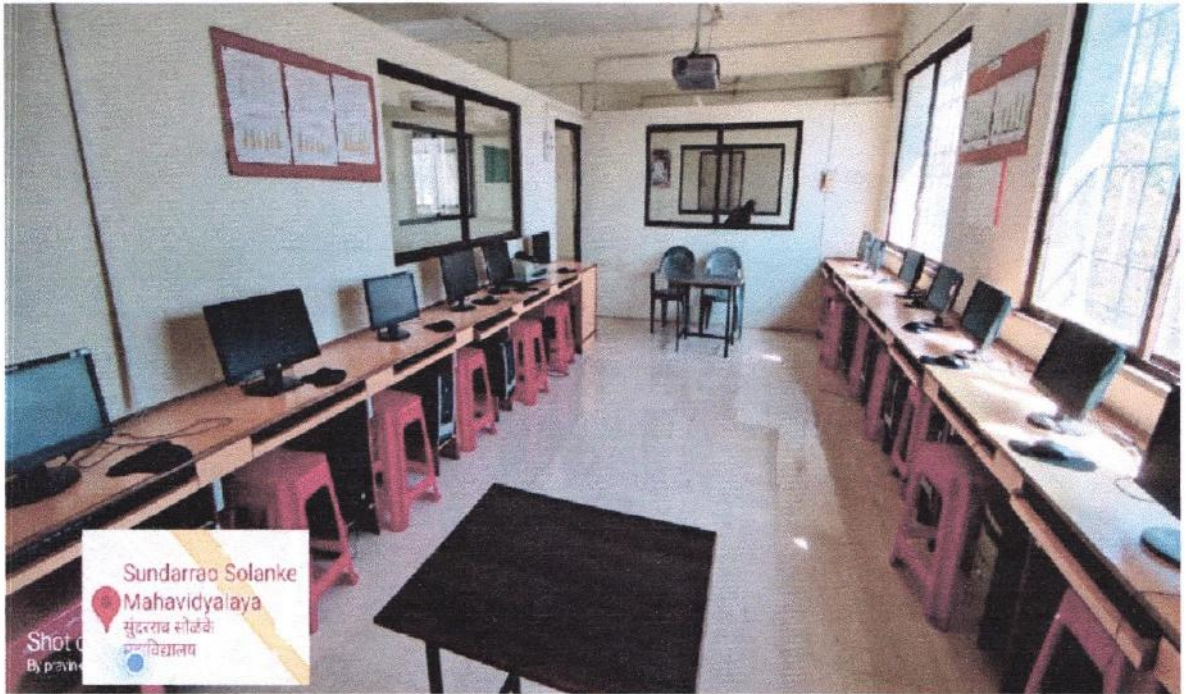
Hard Disk : 500 GB

OS : Windows

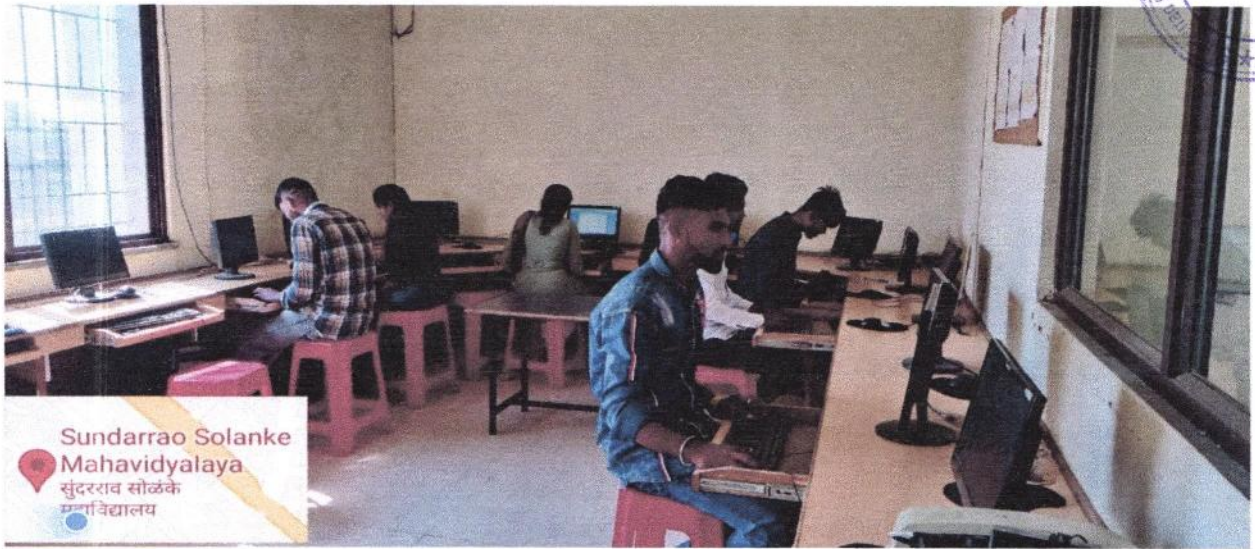

HEAD

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Majalgaon Dist. Beed

Lab Photographs



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Department Of Computer Science
Sundarrao Solanke Mahavidyalaya
Majaigaon Dist. Beed



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Coordinator
Internal Quality Assurance Cell (IQAC)
Sundarrao Solanke Mahavidyalaya,
Majalgaon, Dist. Beed (MS)

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PRINCIPAL
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