



Software Centre of Excellence



**IBM SOFTWARE
CENTRE OF EXCELLENCE**
Creating IT visionaries of tomorrow.



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The Information Technology world today is on the lookout for people who can apply their minds rather than mere support workers who are only good at following instructions. IT needs adaptive innovators, individuals, who can think on their feet, apply their learning and take smart decisions. Those with a sound background supported by sound knowledge. Bold individuals who can architect and carry out IT plans that will add business value.

IBM has instituted **Software Centres of Excellence** to promote high quality education by providing state-of-the-art and

emerging technologies in colleges/ universities with the objective of nurturing highly skilled computer professionals.

IBM is thinking and acting in new ways to make our systems more efficient, productive and responsive. Smarter systems that make a material difference to the health of the global economy, the health of our planet, and the health and prosperity of global society. Our **Software Centre of Excellence (CoE)** project is another bright step towards building a Smarter Planet.

Introduction

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Software Centre of Excellence – A platform to fine-tune your IT skills. How is it important for you?

IBM's Software CoE is an exclusive opportunity for engineering colleges to create numerous certified professionals with smart skills. The Software CoE is an offshoot of IBM's Academic Initiative which covers 2000 colleges and universities around India / South Asia and many more in the world. It is a global model committed to driving open standards-based IT skills. Under the initiative, IBM partners closely with the local government and academia to create an enabling environment by allowing access to IBM software, course materials, training, curriculum development and certification.

This will help India become an innovators' nation by investing in skills development and technology enablement, empowering future workers with the right skills to be able to compete in the larger global workforce.

IBM Software CoEs are enabled to provide a platform for development of software skills for students. The concept of T-Shaped skills is commonplace for IT Service professionals wherein they are expected to be and perform like all-rounders.

For more information, log on to ibm.com/in/university/coe.html

How is it important for you?



Software CoE – How it works.

IBM has collaborated with select engineering colleges across the country and will establish a series of **IBM Software Centres of Excellence**, creating a unique opportunity for students to learn new skill sets on IBM software products such as DB2, WebSphere, Lotus, Rational and Tivoli, as well as develop world-class solutions.

IBM will follow a two-pronged approach, providing the universities with access to technologies relevant to the market and training faculty to ensure that the right skills are taught. The students can gain firsthand experience of the software products that are installed at the campus. Through this initiative, IBM will work closely with the selected colleges and leverage them as centres of learning.

The colleges will have to provide infrastructure and high-end systems while IBM will extend its entire range of software suite free of charge.

The Software CoE will give students the opportunity to put skills to the test and allow innovation to take centre stage by providing exposure to leading and emerging technologies.

The association will give students the opportunity to partner with some of the best minds in the world.

Your college can have a Software CoE too. Here's how:

- Get a minimum of 100 unique student certifications on IBM Software per year.
- Build an exclusive IBM Software CoE lab with a minimum of 30 computers loaded with IBM Software and IBM Software CoE branding.
- Train faculty for teaching students.
- Add IBM Software in your curriculum to make it eligible for credits.
- Maximise participation in The Great Mind Challenge for 3rd and 4th year students.

Benefits exclusively on offer to IBM Software CoE students:

Blue Scholar

- Students from Software CoE colleges have the unique opportunity to get a special recognition from IBM - **A Blue Scholar Certificate**. This Certificate is given to all those students who achieve two certifications and submit a 'The Great Mind Challenge' project.
- The college representative will give IBM the details of students certified and IBM will mail across the certificates.

Relationship Leader

- A dedicated Relationship Leader (RL) will be assigned to the college. The RL will ensure that there is a continuous stream of activities happening at the Software CoE.

Student Ambassador Program

- Software CoE colleges will have the opportunity to nominate 1 Student Campus Ambassador and 2-3 Student Brand Advocates who will manage the IBM activities on campus.
- IBM will closely work with these Ambassadors and Advocates and create tailor-made activities and content for the college.
- The Ambassadors will also get recognition for their work by being rewarded with special privileges like free passes to all premier IBM events, certificates, etc.

Benefits

Best Software CoE contest

- Software CoE colleges also have the opportunity to participate in the Best IBM Software CoE contest. Winners of this contest will get recognition and a rolling trophy.
- Criteria for the contest – Points will be assigned to each category:
 - Number of teams registered for The Great Mind Challenge
 - Number of projects submitted for The Great Mind Challenge
 - Number of DB2 certified students
 - Number of RAD certified students
 - Number of certified faculty
 - Number of training sessions conducted by faculty
 - Number of TGMC face-to-face short-listed teams
 - Number of IBM technologies taught in the college as curriculum

"Acharya Institute of Technology's collaboration with IBM has provided our students exposure to the latest technologies. IBM is one of the world-class IT companies whose products and services are widely used all over the world. IBM Software Centre of Excellence would serve our student interests and provide a good reach-out for IBM training and technologies. The IBM certifications on popular technologies would help our students to gain an edge in the job market. Further, this tie-up would also help our faculty to upgrade their technical domain knowledge."

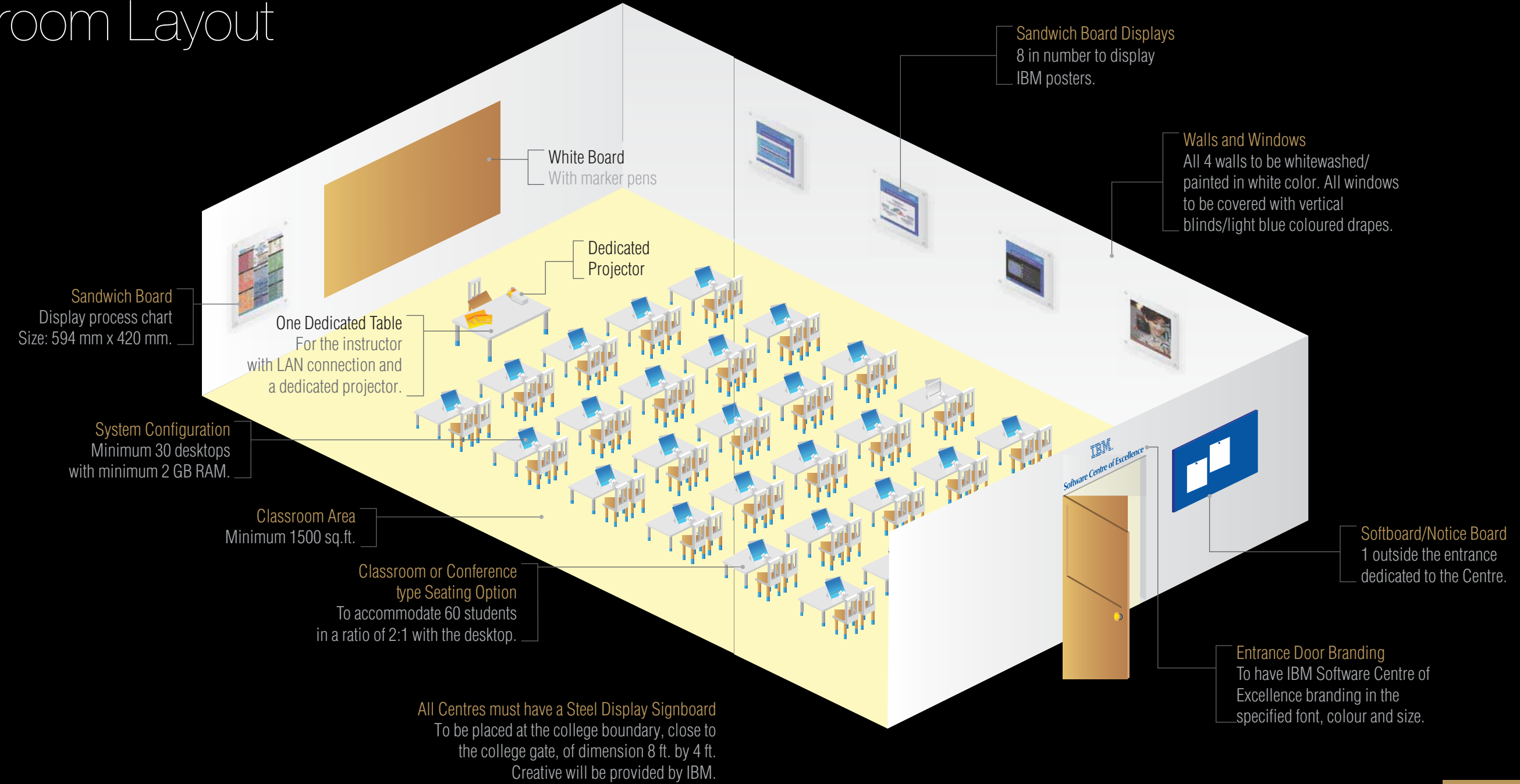
Prof. Viswasanathan,
HOD, Dept. of MCA,
Acharya Institute of Technology,
Bangalore

Students at the Software CoE will also have access to the following:

- Free IBM software training on select listed software
- Free software & training material
- Free certifications
- Permission to use IBM identity for Software CoE promotions
- Free 'The Great Mind Challenge' mentoring

Best Software CoE contest

Classroom Layout



IBM SOFTWARE CENTRE OF EXCELLENCE Set-up Guide

Room Set-up Guide

Technical requirements:

- Minimum of 30 desktops with minimum 2 GB RAM.
- Conference room seating to accommodate 60 students in a ratio of 2:1 with the desktop.
- One dedicated table for the instructor with LAN connection and a dedicated projector.
- White board with marker pens.

Room layout requirements:

- All four walls to be whitewashed/painted in white color.
- All windows to be covered with vertical blinds/blue coloured drapes.
- Student seating to be in conference seating style only.
- Air conditioning with false ceiling.
- Entrance door to be made of glass or of 50% glass.
- The Centre should be a minimum of 1500 sq. ft. in area.
- One softboard/notice board outside the entrance dedicated to the Centre.
- IBM Software Centre of Excellence name board to appear on the right hand side of the door. (Dimensions to be specified)

IBM branding/interiors:

- Entrance door should have the IBM Software Centre of Excellence branding in the specified font, color and size.
- Eight IBM posters to be displayed in a ratio of 1:1 on both sides of the room in the specified format within frames.
- All poster creatives (soft copy) to be decided and supplied by IBM.



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IBM ACADEMIC INITIATIVE



Information Management software

Lotus software

Tivoli software

Rational software

WebSphere software