

SPEAKER



INTERNATIONAL
WEBINAR



zoom

LIVE MEETING


28TH SEPT 6:00 PM (IST)

Organized By :
IT Department,BCREC



**'BUILD THE BRIDGE BETWEEN
ACADEMIA AND INDUSTRY'**

HILLOL BHATTACHARJEE
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 **Toronto, Canada**

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Registration Link:
<https://forms.gle/NFKL2WNXZ9ESQV249>

Registration link for International Webinar on -"Build the bridge between academia and industry"

By - Hillol Bhattacharjee

https://t.me/+vc9_z3hF4RhIMjY1

The topic of this international webinar :

Webinar on Build the Bridge between Academia and Industry

Date: 28th September 2022

Resource Person: Hillol Bhattacharjee, Senior Project Manager in Infosys Consulting Ltd.

Prerequisite: NIL

Brief Bio-data of the Speaker:

Mr. Bhattacharjee has more than 16 years of experience in software industry all of it with Infosys Ltd, Key technology area Microsoft SQL server 2008, Key domain area Mortgage banking currently playing a role of a Senior Project Manager in one of the largest financial institution in the USA.

Vision: - Blend traditional project management with a design thinking approach that should not only be client or domain specific. This should have a strategic innovation blended with a creative mind, analytic in behavioral study and strategic leadership. This would be the next gen leadership who can see beyond the financial profit and can help sustaining TEAM. Docker and Problem-solving skills.

Brief Write-up of the Event :

Currently, there is a wide gap between the acquired knowledge and required knowledge in India. Students acquire qualifications but find it difficult to acquire employment because the expectations and aspirations of the employers are different from the educational institutions.

The educational institutions emphasize theory and equip students with theoretical inputs and knowledge which is far away from the expectations of the employers. Employers look for 'plug and play' candidates to meet the industry's expectations. In this regard, we will discuss the current gap between the educational institutions and industry expectations and offer innovative tools and techniques to bridge the gap effectively.

How to bridge the gap?

Currently, there is a mismatch between the expectations of the industry and availability in academia. It must be bridged earnestly and immediately. There are several challenges in the present Indian education system including an excessive emphasis on memory and the least emphasis on creativity. The rapid pace of change in the outside business environment and the

advanced technology must bring both academia and industry together to bridge the gap. Here are some tools and techniques to connect the campus with corporate.

Set realistic goals. Encourage industry interactions for students. Create a strong alumni network.

Offer student-centric education, not faculty-centric education. Provide students practice-based learning to try and train methodological competencies.

Avoid rote learning and emphasize 3Rs—read, write, and reproduce. Instead, emphasize experiential education. Benjamin Franklin rightly remarked, “Tell me and I forget. Teach me and I remember. Involve me and I will learn.”

Blend both hard and soft skills judiciously. Impart soft skills training.

Use the concept of Learning Factories. Combine didactical approaches and existing concepts with emerging topics of the industry.

Ensure smooth communication and coordination between academia and industry. Currently, both academia and industry live in different worlds and operate on different pedestals in India. They must come together, communicate and coordinate to achieve the desired outcomes.

Adopt team teaching where the educator and the industry expert impart knowledge in the classroom. The former teaches theoretical aspects while the latter trains practical aspects to students to enable the students to relate theory with practice.

Ensure the right chemistry between the campus and the corporate. Invite industry experts to conduct guest lectures to understand the pulse of the students and report back to the industry with their feedback. It enables the industry to prepare its induction programs and corporate training programs accordingly.

Invite educators to the industry to understand expectations, and recruiters to visit campus to emphasize with the challenges of the educational institutions. It helps academia and industry to understand each other, emphasize and bring the required changes to enhance employability.

Academia must take inputs from industry to create a course curriculum as per the industry expectations. It must create a course curriculum that is relevant and useful to the students. After imparting education, it must take feedback from the industry and update the course curriculum and teaching pedagogy to meet the industry expectations. It must be executed periodically as the expectations and aspirations of the industry are changing rapidly.

Encourage finishing schools to enhance employability.

Students must understand that there is permanent employability, not permanent employment in the present world. Jack Welch rightly remarked, “You can give lifetime employability by training people, by making them adaptable, making them mobile to go to other places to do other things. But you can’t guarantee lifetime employment.” Therefore, they must learn, unlearn and relearn regularly. Parents must not pressurize their children in the selection of subjects. They should appreciate their children’s passion and encourage their children to choose subjects as per their choice. Educational institutions must shell out students with qualifications and competencies to enhance employability in their students. Follow these tools and techniques to bridge the skills gap keeping the latest trends and technologies in view to enable students to become employable and deployable in the corporate world.

Conclusion

Building a trained and talented human power is key to India's economic growth. There is an urgent need to develop human capital in India. No country can progress without the development of its human capital. It is always the men behind the machines that count, not the machines behind the men.

Educational institutions are the backbone of any country as they produce healthy citizens and leaders for the nation.

It is a fact that skill disruptions are changing the prosperity of global societies today. With the presence of a huge youth population, India has a demographic dividend and strategic advantage globally. Having employable and deployable students is crucial in taking India forward economically. To conclude, an integrated effort from all stakeholders including educators, students, parents, educational institutions, industry, intellectuals, and nonprofits is essential to bridge the existing skills gap between academia and industry.

Number of Participants: 82

Screen record of webinar: [Link](#)

WEBINAR: BUILD THE BRIDGE BETWEEN ACADEMIA AND INDUSTRY

Organized by

Department of IT, BCREC



CERTIFICATE OF PARTICIPATION

This is to certify that **Sudip Kabiraj**, of **Dr. B C Roy Engineering College** has actively participated in the Webinar **"BUILD THE BRIDGE BETWEEN ACADEMIA AND INDUSTRY"** on 28/09/2022. Organized by Department of IT, BCREC



PRINCIPAL
BCREC



<i>Principal</i>	<i>Md. K H Mondal</i>	<i>Priyanka Roy</i>
<i>BCREC</i>	<i>Coordinator, IT</i>	<i>Coordinator, IT</i>

9:08

00:48

93%



International Webinar IT 28

73 members



Previous Message #1

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International Webinar IT 28/09/20... admin

Tomorrow, IT department is going to organise an International Webinar for the students of IT (2nd and 3 Rd year students)

9:20 PM

Sudip Kabiraj IT joined the group via invite link

Subhadip joined the group via invite link



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Register yourself to the following link provided here.

9:21 PM

Akanksha IT joined the group via invite link

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Khetu joined the group via invite link

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Registration link for International Webinar on -"Build the bridge between academia and industry" By - Hillol Bhattacharjee



9:27 PM

Sumit Singh joined the group via invite link

Shristi Kanchan (BCREC) joined the group via invite link



Message



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Barsha IT joined the group via invite link

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Productivity left the group

No One joined the group via invite link

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11:46 PM

Amisha IT joined the group via invite link

Shruti IT joined the group via invite link

Proloy (BCREC) joined the group via invite link

Ankush Bhattacharya joined the group via invite link



Message



9:08

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Pinned Message

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PROJECT MANAGER
Consulting Ltd.

International Webinar IT 28/09/20... admin

Priyanka Roy is inviting you to a scheduled Zoom meeting.

Topic: International Webinar_IT_BCREC
Time: Sep 28, 2022 05:50 PM
Mumbai, Kolkata, New Delhi

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★ 2:27 PM

International Webinar IT 28/09/20... admin

Everyone expected to join on time

2:27 PM




Message



Zoom Meeting

Subhronil Biswas | Suman Bhattacharjee | Priyanshu Haldan | PUJA KUMARI | Ankan Mandal | DOLLY



Hillol Bhattacharjee

Participants (51)

Find a participant

- Subhronil Biswas (Me)
- Hillol Bhattacharjee (Host)
- Ankan Mandal
- Priyanka Roy
- AKASH
- Aashutosh Kumar

Invite | Unmute Me

Chat

Md Karamot Hossain Mandal to Everyone

akash mute please..

AKASH to Everyone

sorry sir

Who can see your messages?

To: Everyone

Type message here...

Stepping into the industry Dream vs Reality.

- Roles and responsibilities
- Jobs and tasks
- Tools and aids
- Think about the big picture
- Identify the key stakeholders who are running the program
- Appreciate their interests for your own interest.
- See how you fit in the big picture

Next slide

Popular misconception incorporate – A balance

- Learn and understand – why and how?
- What you learn from the college – is that a complete?
- Why we call this a balancing act?
- Go back to basics when needed
- Utilize the resources as required.
- Be in the middle of both. Extreme weather may not be



Subhronil Biswas



Priyanka Roy



Hirjol Bhattacharjee

No Notes.

Ankan Mandal

Ankan Mandal

Raghendra ku...

Raghendra kumar



You are viewing Hilol Bhattacharjee's screen

View Options

SHOW TASKBAR

DISPLAY SETTINGS

END SLIDE SHOW

0:45:55

9:21 AM

Technology your bread and butter – as long as you are gluten and lactose-intolerant!

- Technology
 - Design and Architecture
 - Ability to identify NFRs
 - Performance tuning
 - Clarity around layered architecture
 - Understanding server, services, Integration

Next slide

Testing!

- Have an attitude to break.
- Believe everything that nothing!
- Testing tools manual vs automation.
- TDD, XP, ALM, JIRA
- Test Strategy, Test Cases, Test scripts, Test results
- Functional Testing
- Regression Testing
- Load testing

Subhronil Biswas

Hilol Bhattacharjee

No Notes.

Priyanka Roy

DOLLY

DOLLY

Surajit Bhattach...

Surajit Bhattacharyya_BCREC



Slide 12 of 17

Unmute Start Video Participants (42) Chat (1) Share Screen Record Show Captions Reactions Apps Whiteboards Leave

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Signature of event coordinator

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