



**Department of Vocational Studies: BCA**  
**Report: Workshop on**  
**Learning industry domain knowledge for software development**  
*Saturday, 18th December, 2021*

The software industry is growing like inestimable with every passing day and there remains a gap between what the colleges are producing and what the industry needs. In view of this incongruity, the Department of Computer Application made an effort to bridge this gap and keeping with the objective of creating an **Industry Institute Interaction**, an online workshop on "**Learning Industry Domain Knowledge For Software Development**" was organised on **18<sup>th</sup> December, 2021** through the Google Meet platform. The chief speaker of the event was **Mr. Manoj Kr Lal**, a TCS Consultant having 24 years' experience in the field, presently working in Bangalore.

The workshop encircled about the talk on Industry domain knowledge (e.g., banking, insurance, retail) which is equally important in producing quality software along with technology and soft skills which is not adequately exposed to our graduating students. One of the important reasons being, there are multiple Industry and their domain knowledge is vast. Knowledge Driven Development (KDD), an emerging knowledge management framework has come up with a scientific way of learning multiple domains using a common structure. It also links domain knowledge to software development. This has created an opportunity to seed industry domain knowledge in academia increasing the employability of students.

He talked in detail about how we can use KDD (knowledge driven development) and why knowledge management is utmost important for software

industry. Furthermore, how the domain based knowledge can increase the employability factor as well as skilled productivity. He explained about several aspects of software engineering and how it is used in varied domain.

The talk ended with the query session in which students asked worthy questions like prototyping, soft skills SDLC, Waterfall and Agile Methodologies etc.

The event was curated by Co-Coordinator of BCA, Prof Pushpa Tewari while the formal vote of thanks was proposed by Prof Uday K Sinha.

Dr. Ranjana Das, Co-ordinator BCA, Prof. Kalyan Paul, Prof Manisha Kumari, Prof Hamda Imam were also present from the department.

The workshop continued for 2 hrs and more than 80 students benefitted out of it.

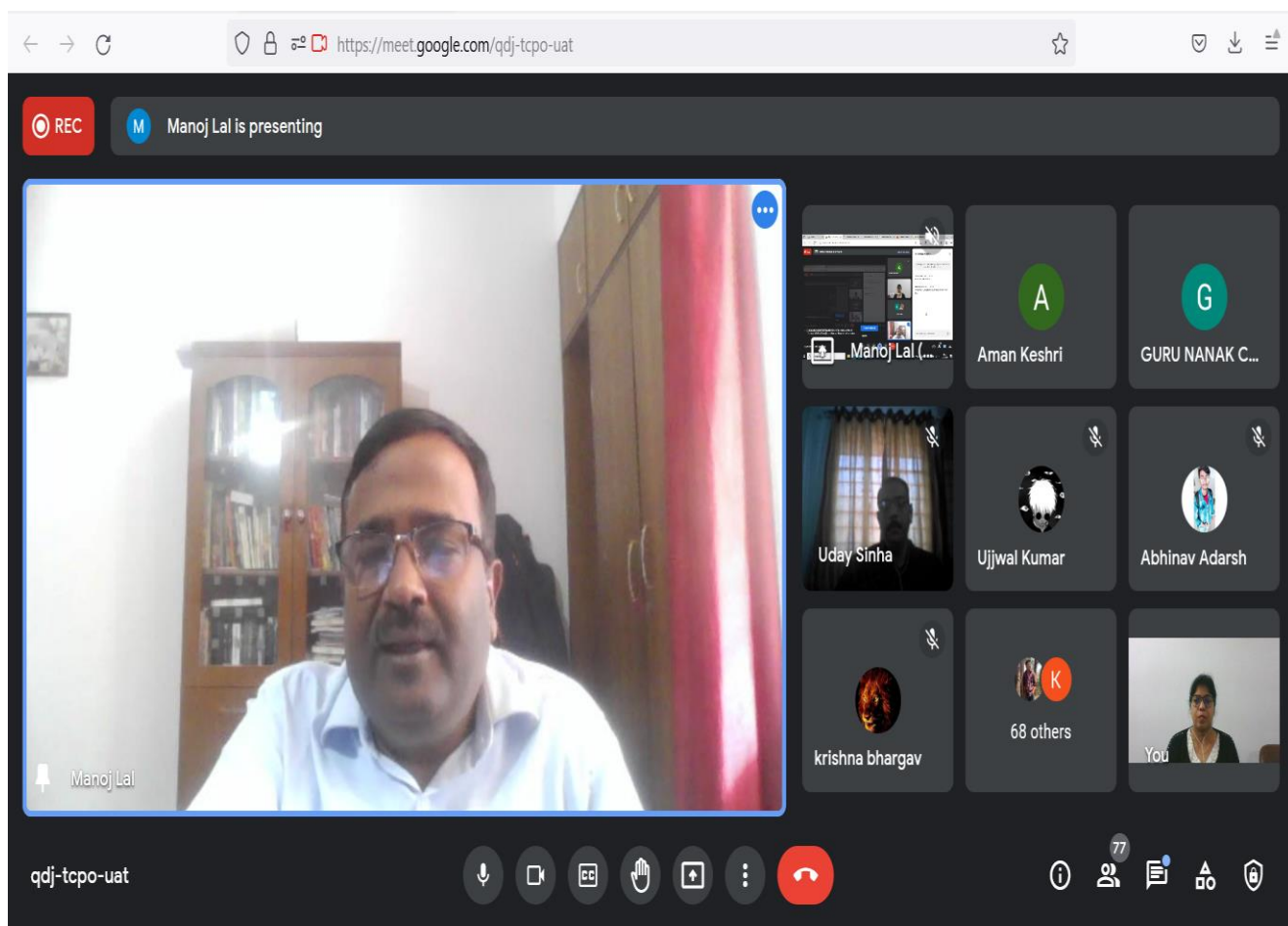
**Video Link:** <https://youtu.be/0zzvYvyNsYc>

## Clippings

The screenshot shows a Google Meet interface. At the top, the browser address bar displays <https://meet.google.com/qdj-tcpo-uat>. The Meet header indicates 'Manoj Lal is presenting'. The main content area shows a presentation slide titled 'Industry domain knowledge in software development'. The slide content is as follows:

Lack of domain knowledge leads to	Reason for its renewed focus
Missed requirements	Digital transformation initiatives
More effort required to do the work	Increased use of Agile
Increased review and rework	Increased package implementation
Added cost and reduced quality	Focus on greater understanding of the customer's business

Below the slide, the text 'Domain knowledge exposure: current state and barriers' is partially visible. On the right side of the screen, a grid of participant avatars is shown, including Avinandan Bhan..., Manoj Lal (the presenter), Kishor Kumar, GURU NANAK C..., Abhinav Adarsh, Rahul Kumar Raw..., Shilpi Kumari, 05, 64 others, and You. The bottom of the screen shows the Meet controls, including a red 'REC' button, a microphone icon, a video camera icon, a chat icon, a hand icon, a plus icon, a three-dot menu, and a red phone icon. The bottom status bar shows 'qdj-tcpo-uat', a search bar, and system information: '71°F Mostly sunny', '10:56', '10-12-2021'.



### Programme Schedule:

SL. NO	EVENTS	SPEAKERS
1.	Introduction of the subject and speaker	<b>Prof Pushpa Tewari</b> <i>Jt. Co-ordinator, BCA</i>
2.	Speaker	<b>Mr Manoj Kr Lal</b> <i>Consultant, TCS</i>
3.	Query	
4.	Vote of Thanks	<b>Prof Uday Sinha</b> <i>Asst. Professor, BCA</i>

## Media Coverage on 19<sup>th</sup> December, 2021



**Dainik Bhaskar**

### गुरुनानक कॉलेज में वर्कशॉप का आयोजन

**धनबाद.** गुरुनानक कॉलेज की बीसीए विभाग ने शनिवार को एक ऑनलाइन वर्कशॉप का आयोजन किया। विषय था 'सॉफ्टवेयर विकास के लिए उद्योग डोमेन ज्ञान सीखना'। मुख्य वक्ता टीसीएस के कंसल्टेंट मनोज कुमार लाल ने विद्यार्थियों को बताया कि वे डोमेन बेस्ड जानकारी से अपनी कार्य क्षमता को बढ़ा सकते हैं। वर्कशॉप में 80 विद्यार्थियों ने भाग लिया। संयोजन व स्वागत भाषण विभाग की को-ऑर्डिनेटर प्रो. पुष्पा तिवारी ने दिया। धन्यवाद ज्ञापन प्रो. उदय सिन्हा ने किया। मौके पर को-ऑर्डिनेटर बीसीए डॉ. रंजना, कल्याण, मनीषा, हमदा ईमाम आदि उपस्थित थे।

**Prabhat Khabar**

# *Guru Nanak College, Dhanbad*

*An awareness Workshop on*

*LEARNING INDUSTRY DOMAIN KNOWLEDGE  
FOR SOFTWARE DEVELOPMENT*

*Organised by*

*Department of Vocational Studies: BCA*

*On*

*Saturday, 18<sup>th</sup> December, 2021*

*At Google meet*

*link: <https://meet.google.com/qdj-tcpo-uat>*

*Time: 10.30am to 12:00*

*Resource Person: Manoj Ky Lal*



*Organising Team*

*Prof Pushpa Tewari*

*Prof Uday Sinha*

*Dr. Ranjana Das*