



Guest Lecture: 19th February 2022

- **Name:** Mr. Dilip Ghosh
- **Organization:** Mazars India
- **Conducted By:** ACADS
- **Purpose of GL:** To Teach about the development of control frameworks for addressing information technology/ cyber risk.
- **LinkedIn Profile** -[linkedin.com/in/dilip-ghosh-8345838](https://www.linkedin.com/in/dilip-ghosh-8345838)

- **Benefits to SIDTM:**

Students learned about cyber risk and its types, control frameworks, the requirement of frameworks, and how they can be designed depending on the risks. Students also learned how to identify what type of framework should be designed depending on the type of firm.

During GL:

- **Notes/Summary of Guest Lecture by:**

Name of Guest: Mr. Dilip Ghosh

Designation: Director at Mazars India

Date: 19th February 2022

Sir began the session by highlighting the relationship between business and technology. He started with the evolution of Enterprise IT from 1985 onwards when the businesses were only driven by efficiency until today when a plethora of factors are required to make a business profitable, including efficiency, collaboration, customer service, and business growth positioning. These factors, in turn, are enabled by mobile technology, digitization, and advances in telecom brought about by 4G and 5G technology in this day and age. Sir then proceeded to give an overview of the professionals, processes, and technology employed in creating enterprise systems and services.

In the next section, sir explained the various aspects of the risk landscape to students. He drew attention to the multiple forms of the IT risks to which organizations are vulnerable. He highlighted the importance of deploying processes to constantly monitor the risk landscape to monitor and mitigate risks and prevent the organizations from facing fraud and data theft unsuspectedly, leading them to face the consequences of interrupted business operations and damaged facilities in the form of substantial financial loss. Thus, he emphasized the significance of building cyber defense and resilience to prevent security and control risks.

In the subsequent section, sir discussed the types of risk, which included operational risks, technology risks, and cyber risks. He paid specific attention to explaining the evolution of cyber

threats. He talked about the escalation in cyberattack complaints with the increasingly sophisticated mechanisms using malware, ransomware, and phishing attacks, amongst many others. He went on to talk about the nature of cybersecurity risks, such as inherent risks, control risks, and audit risks.

Sir brought to light that there has been a heightened emphasis on developing close relationships with stakeholders, having solid knowledge of company strategies and operations, a deep understanding of the organization's tech stack, timely detection of third party breaches SOC incident triage, vulnerability prioritization process, and trend analysis to stay ahead of the cyber-security threats. There have also been essential conversations about whether the organizations should have dedicated personnel for the same. He spoke about the various concerns that need to be considered from the management perspective, like their cyber security posture, whether they should address all cybercrimes, and which cyber threats should be prioritized. He emphasized the need for organizations to develop and constantly evolve defensive cybersecurity mechanisms that are quick to respond to security breaches. He spoke about the approach to cyber security controls (which involved three critical phases, namely risk assessment, development, and validation), cyber security control components, and best cybersecurity practices according to the CIS and NSIT framework.

In the final segment and even in between the discussion, sir answered questions about considering the risk of sharing data and systems with other organizations separation of the network so that if an attacker gets access to one device or system, they do not have access to the full range of your technical estate, reporting mechanisms for staff to report any suspicious activity, company's top risks, how severe is their impact and how likely are they to occur, and instruments used by large scale organizations to keep track of their ever-evolving systems.

Attendance:

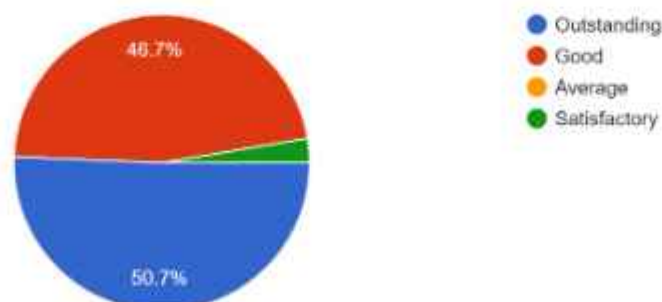


Attendance guest
 lecture 19th feb 2022.

Feedback from students:

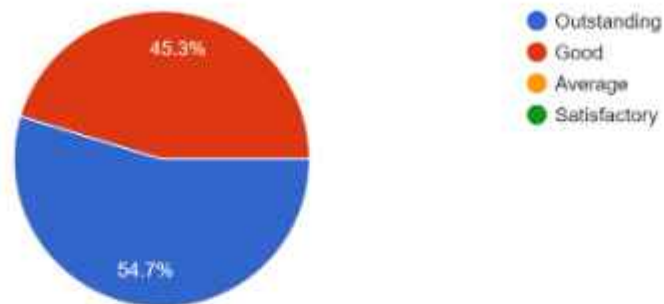
1. Was the guest lecture insightful?

75 responses



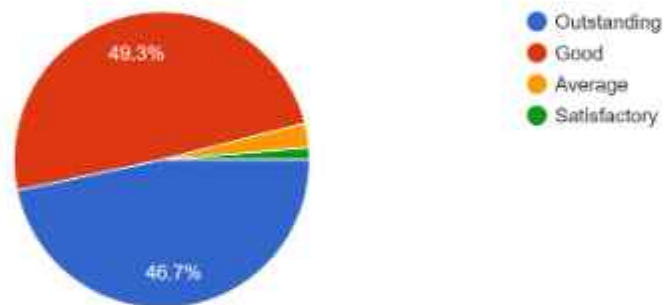
2. How relevant was the content of the guest lecture?

75 responses



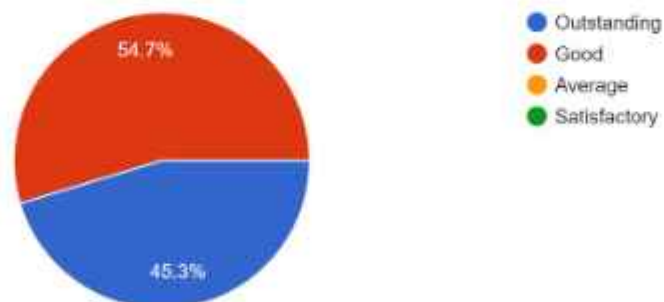
3. How was the format of the session?

75 responses



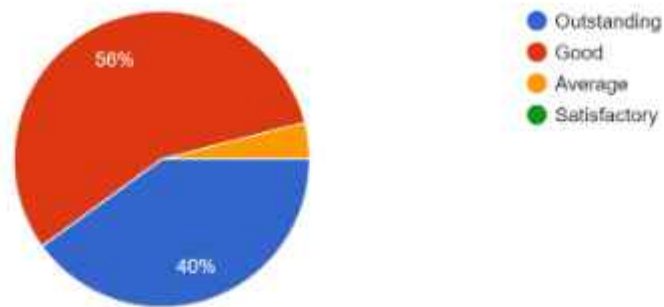
4. How do you feel about the Query handling?

75 responses

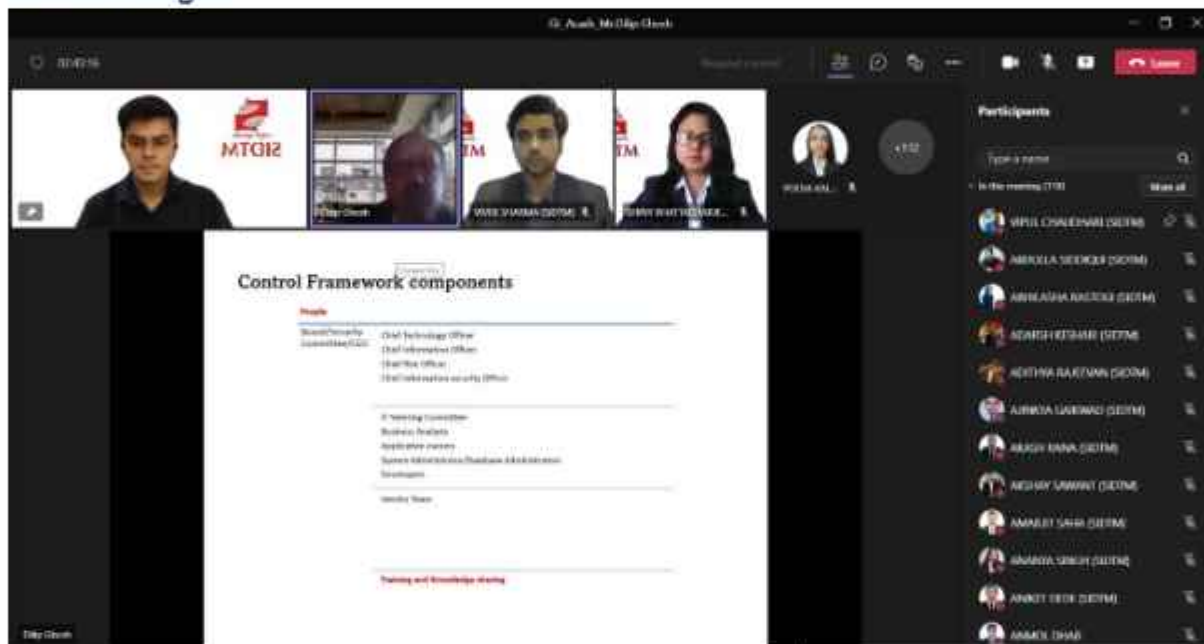


5. Was the session interactive?

75 responses



Session Images:



February 19th 2022, 12:43

TOTAL - 160
PRESENT - 92
ABSENT - 68

No.	Div.	PRN	Name	Attendance	GE-PI-WAT duty
1	A	21020542001	AADESH GAIKWAD	P	
2	A	21020542002	ABDULLA SIDDIQUI	P	
3	A	21020542003	ABHIJEET PANDEY	P	
4	A	21020542004	ABHILASHA RASTOGI	P	
5	A	21020542005	ABHISHEK ANAND	A	
6	A	21020542006	ABHISHEK MAITRA	A	
7	A	21020542007	ADARSH KESHARI	P	
8	A	21020542008	ADITHYA RAJEEVAN	A	
9	A	21020542009	ADITI MARWAHA		P
10	A	21020542010	AKASH RANA	P	
11	A	21020542011	AKSHATA DESAI	A	
12	A	21020542012	AKSHAY PAWAR	P	
13	A	21020542013	ALISHA FARZANA	P	
14	A	21020542014	AMARJIT SAHA	P	
15	A	21020542015	ANANYA SINGH	P	
16	A	21020542016	ANJALI SRIVASTAVA		P
17	A	21020542017	ANKIT ANAND	P	
18	A	21020542018	ANKITA DUTTAGUPTA		P
19	A	21020542019	ANURAG NAIK	A	
20	A	21020542021	ARNAB CHATTERJEE	P	
21	A	21020542022	ARNAV GUPTA	A	
22	A	21020542023	ARULMOZHI	A	
23	A	21020542024	ASHLEY FELIX TUSCANO	P	
24	A	21020542025	ASHUTOSH MEHRA	A	
25	A	21020542026	ASTHA JAIN	A	
26	A	21020542027	AZBANA VELATI	A	
27	A	21020542028	BAKHLE APOORVA NILESH	P	
28	A	21020542029	BANSOD AJAY VISHNU	A	
29	A	21020542030	BHANU BHATIA	P	
30	A	21020542031	BISWAJIT DAS	A	
31	A	21020542032	CHARISHA SHYAM SUKHA	P	
32	A	21020542033	CHAUDHARI VIPUL VIJAY	A	
33	A	21020542034	CHELLVAMATHI R S	A	
34	A	21020542035	CHINMAY SHEOREY	P	
35	A	21020542036	CHIRANJEET BARKAKOTI	P	
36	A	21020542037	DAKHARE MAHESH DIWAKAR	A	
37	A	21020542038	DAMLE MOHINI JITENDRA	A	
38	A	21020542039	DEBAPRIYA CHOWDHURY	P	
39	A	21020542040	DEBAYAN MAJUMDAR	A	
40	A	21020542041	DEDE ANIKET RAGHUNATH	P	
41	A	21020542042	DEEPSIKHA HOTA		P
42	A	21020542043	DEV DARSHAN	P	

43	A	21020542044	DEVARASETTI HARISH	P	
44	A	21020542045	DHARINI PAL	A	
45	A	21020542046	DHAS KASHMIRA KIRAN	A	
46	A	21020542047	PARTH TYAGI	A	
47	A	21020542048	GANUGAPATI SAI ALEKHYA	A	
48	A	21020542049	GAYATHRI BALARAM	P	
49	A	21020542050	GUPTA DIVYANSH NAGENDRA		P
50	A	21020542051	HARSH TRIVEDI	P	
51	A	21020542052	HARSHIT VERMA	P	
52	A	21020542053	HEMANT BHATT	A	
53	A	21020542054	HUDLI VIRAJ MOHAN	A	
54	A	21020542055	INDER RAJ SINGH		P
55	A	21020542056	INDUJA V	A	
56	A	21020542057	INDURKAR KETAN MILIND	P	
57	A	21020542058	JAGGESH S R	P	
58	A	21020542059	JAGRATI VIJAY	P	
59	A	21020542060	JASMEET SINGH	P	
60	A	21020542061	JEJURKAR AJAY ASHOK	P	
61	A	21020542062	JOSHI PRASANNA PRAKASH	A	
62	A	21020542063	JOY CHATTERJEE	P	
63	A	21020542064	KAJAL MISHRA	A	
64	A	21020542065	KARTHIKA HEMA MANASA M	A	
65	A	21020542066	KARTIKE BHUSHAN	A	
66	A	21020542067	KEERTHANA P	A	
67	A	21020542068	KESHAV BAJAJ		P
68	A	21020542069	KISHOR BASAVARAJ ALEGAON	A	
69	A	21020542070	KSHITIJ RAWAT	A	
70	A	21020542071	M POOJA	P	
71	A	21020542072	MAGAR ABHISHEK TREMBAK	P	
72	A	21020542073	MAHALE ASMITA MILIND	P	
73	A	21020542074	MANIKA DARUKA	A	
74	A	21020542075	MAYURI DIWAKAR PURI	P	
75	A	21020542076	MEGHNA PILLALA	A	
76	A	21020542077	MEMANAMURUPEL DHEERAJ PURUSHOTHAMAN	A	
77	A	21020542078	MIDATHADA LEEU GOWRI SHANKAR SAI RAM	P	
78	A	21020542079	MODI TRISA SHAILESHKUMAR	P	
79	A	21020542080	MUSKAN SHRIVASTAVA	P	
80	A	21020542081	GAIKWAD AJINKYA ANIL	P	
81	B	21020542091	NAKUL NAYAN MEHTA	A	
82	B	21020542092	NALIN VERMA	P	
83	B	21020542093	NIKHIL TUKARAM SALUNKE	P	
84	B	21020542094	NIMISHA	P	

85	B	21020542095	NIRUPAM BISWAS	A	
86	B	21020542096	SHAN SHANE VARIKKATTU	A	
87	B	21020542097	PADEWAR ANIKET PRADEEP	A	
88	B	21020542098	PARAB YOGESH NARAYAN	A	
89	B	21020542099	PARIDHI ARORA	P	
90	B	21020542100	PARIKSHIT ANAND	P	
91	B	21020542101	PARV ARORA	P	
92	B	21020542102	PATIL HARISH KISHOR	A	
93	B	21020542103	PIYUSH BODWAL	A	
94	B	21020542104	POOJA KALRA	P	
95	B	21020542105	POULAMI NANDI	P	
96	B	21020542106	PRADUMN SAXENA	P	
97	B	21020542107	PRAGYA SRIVASTAVA	P	
98	B	21020542108	PRATYUSHAW PRATA	P	
99	B	21020542109	PRINSON PHILIP	A	
100	B	21020542110	PRIYANKA BHANDARI	P	
101	B	21020542111	PULKITA CHAWLA	A	
102	B	21020542112	RAHUL BARDHAN	A	
103	B	21020542113	RAJAT CHANDA	P	
104	B	21020542114	RATHOD FORUM RAJESH	A	
105	B	21020542115	RATNAKAR RAJASI AJIT	P	
106	B	21020542116	RIA HIMANSHU BHATTACHARJEE	A	
107	B	21020542117	RITU PARNA GHOSH	A	
108	B	21020542118	RODRICKS AARON VIVIAN	A	
109	B	21020542119	ROHAN NAIK	P	
110	B	21020542120	RONAK ASODIYA	P	
111	B	21020542121	S ASMITHA	P	
112	B	21020542122	S.PL.SUBRAMANIYAN	P	
113	B	21020542123	SAAHIL REHANI	A	
114	B	21020542124	SACHIN KUMAR YADAV	A	
115	B	21020542125	SAHIL SAINI	P	
116	B	21020542127	SANCHIT SAXENA		P
117	B	21020542128	SANTOSH KUMAR SINGH	A	
118	B	21020542129	SATYAM JHA	A	
119	B	21020542131	SAYAN ROY CHOUDHURY	P	
120	B	21020542132	SHARMA VIVEK VINAY	P	
121	B	21020542133	SHASHWAT KRISHNA	A	
122	B	21020542134	SHASHWAT PARASHAR	P	
123	B	21020542135	SHINY BHATTACHARJEE	P	
124	B	21020542136	SHIVAM SINGHAL	P	
125	B	21020542137	SHIVANGI SHARMA	A	
126	B	21020542138	SHREYA ASHOK KAMBLE	P	
127	B	21020542139	SHUBHAM PATHAK	P	
128	B	21020542140	SHWETA MISHRA		P
129	B	21020542141	SIDDHANT PADAVE	P	

130	B	21020542142	SINGH VARTIKA KRISHNAMURARI	P	
131	B	21020542143	SOUMYADIP DAS	A	
132	B	21020542145	SOURABH PURKAIT	A	
133	B	21020542146	SOURAV SONOWAL	A	
134	B	21020542148	SRIJIT JAGADEESAN NAIR	P	
135	B	21020542149	SRISHTI SWAIN	P	
136	B	21020542150	SRIYA MITRA	A	
137	B	21020542151	SUDEEP KHAWAS	P	
138	B	21020542152	SUGANDHA AGGARWAL		P
139	B	21020542153	SUKRITI PRIYA	A	
140	B	21020542154	SURYASISH MAJUMDAR		P
141	B	21020542155	SWETA DASGUPTA	P	
142	B	21020542156	TANMAY SIDDHARTH	A	
143	B	21020542157	TARUSH SOOD		P
144	B	21020542158	TAYADE RUSHIKESH BHANUDAS	P	
145	B	21020542159	TUHIN KANTI DEB	A	
146	B	21020542160	VAGMITA CHAUDHARY		P
147	B	21020542161	VIKRANT NANDKISHOR PUSDEKAR	A	
148	B	21020542162	VINAYAK GHANSHYAM CHAUDHARI	P	
149	B	21020542163	YADAV SANCHIT ASHOK	A	
150	B	21020542164	JASH MINESH SHAH	P	
151	B	21020542165	ZAINAB KHAN	P	
152	B	21020542166	SAWANT AKSHAY SUDHAKAR	A	
153	B	21020542167	AKASH DEEP	P	
154	B	21020542168	ROUNAK SAHA	P	
155	B	21020542169	SANDEEP SAINI	A	
156	B	21020542170	TANIKA SHARMA	A	
157	B	21020542171	TAK SACHIN RAMDAS	A	
158	B	21020542172	RISHABH MISHRA	P	
159	B	21020542173	JHAVERI MIIT YASHESH	A	
160	B	21020542174	VAISHNAVI BAJPAI	P	
161	B	21020542175	VIBHUTI SHANKER	P	

Zoom Meeting

Approach

Approach to development of IT/other security control framework

Phase	1. Risk Assessment	Phase	2. Strategy	Phase	3. Solution
Key activities	<ul style="list-style-type: none"> Understand existing business, IT landscape, organizational structure, regulatory requirements, business processes, security priorities, etc. Review internal/external risk areas for the firm/sector Review existing control framework Identify key management issues of business growth and challenges relating to security risk and operational risks Identify business, business delivery, etc. scenarios Conduct business risk assessment, high level and detailed level 	<ul style="list-style-type: none"> Conduct walkthrough with functional process owners Generate policy framework document Identify process gaps, etc. and controls Transition to the steps and controls Have process for updating policy documents 	<ul style="list-style-type: none"> Develop draft policy and supporting documents and seek stakeholder Obtain top management approval Rollout first deliverables Review to the management, if needed 		

Policy framework document and Procedures

Participants

- VIPUL CHANDHAR (SCM)
- ABDULLA SOOUL (SCM)
- ABHILASHA NISARG (SCM)
- ADARSH KESWARI (SCM)
- ALIMTA USMANI (SCM)
- ANURAG BANA (SCM)
- ANSHU SAWANT (SCM)
- ANMOL SANGH (SCM)
- ANANYA SINGH (SCM)
- ANANT DEDE (SCM)
- ANANT DING
- ANURAG BANA (SCM)

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Zoom Meeting

Questions and Answers

Participants

- VIPUL CHANDHAR (SCM)
- ABDULLA SOOUL (SCM)
- ABHILASHA NISARG (SCM)
- ADARSH KESWARI (SCM)
- ALIMTA USMANI (SCM)
- ANURAG BANA (SCM)
- ANSHU SAWANT (SCM)
- ANMOL SANGH (SCM)
- ANANYA SINGH (SCM)
- ANANT DEDE (SCM)
- ANANT DING

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