



INDIAN INSTITUTE  
OF TECHNOLOGY  
PALAKKAD

# INDUSTRY ACADEMIA CONCLAVE 3.0

## SCHEDULE OF EVENTS

Time Slot	Agenda	Name of Speaker	Company	Topic
<b>13 August 2021</b>				
09:00 - 09:05	Welcome Address	Student's General Secretary		
09:05 - 09:20	Presidential Address	Prof. P B Sunil Kumar		
09:25 - 10:00	Keynote address 1	Mr. Haragopal Mangipudi	guNaka LLC	Building products that everyone loves
10:00 - 10:10	Break			
10:10 - 10:45	Keynote address 2	Mr. Shankar Venugopal	Mahindra&Mahindra	Future Skills
10:45 - 10:55	Break			
10:55 - 11:30	Keynote address 3	Mr. Abhinav Anand	LinkedIn	Brief intro about Site Reliability Engineering and its implementations
11:30 - 11:40	Break			
11:40 - 12:15	Keynote address 4	Ms. Sirisha Voruganti	JP Morgan Chase & Co.	Fintech and Digital Transformation
12:15 - 14:00	Lunch Break			
14:00 - 16:30	Discipline-wise (Parallel session)	Address by Industry delegates		
16:30 - 16:45	Break			
16:45 - 18:00	Project Presentations by Students			
<b>14 August 2021</b>				
08:30 - 17:00	Discipline wise (Parallel Session)	Address by Industry Delegates		
17:15 - 18:00	Closing session	Mr. Syam Kumar Nair	Salesforce	Technology & Leadership - for a better future



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## DEPARTMENTAL SCHEDULE OF EVENTS - COMPUTER SCIENCE

Time Slot	Agenda	Name of Speaker	Company	Topic
<b>13 August 2021</b>				
14:00 - 14:45	Discipline wise - Slot 1	Mr Achutha Kiran Kumar	Intel	General Verification trends & opportunities
14:45 - 15:30	Discipline wise - Slot 2	Mr James Henrydoss	Neustar	Network Function Virtualization (NFV).
15:30 - 16:15	Discipline wise - Slot 3	Mr.Siddhartha Mukherjee	Samsung	Transformation from NLU to Multimodal aware NLU
<b>14 August 2021</b>				
09:15 - 10:00	Discipline wise - Slot 1	Mr Sreedal Menon	Microsoft	Reinforcement Learning - A Primer
10:00 - 10:45	Discipline wise - Slot 2	Dr Venugopal Raghavan	AMD	Compiler Optimizations - C/C++ Compiler (AOCC)
10:45- 11:00	Break			
11:00- 11:45	Discipline wise - Slot 3	Mr George Peter	Capgemini	Structured Risk Analysis of IT Projects with machine learning models
11:45- 14:00	Break			
14:00- 14:45	Discipline wise - Slot 4	Mr Girish Bharambe	Nvidia	GPU Computing
14:45 - 15:30	Discipline wise - Slot 5	Mr Harendra Kumar	Composewell	Functional Programming,Haskell and Streamly
15:30- 15:45	Break			
15:45- 16:30	Discipline wise - Slot 6	Mr Udit Joshi	JP Morgan Chase & Co.	SDLC & AGILE



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## DEPARTMENTAL SCHEDULE OF EVENTS - ELECTRICAL

Time Slot	Agenda	Name of Speaker	Company	Topic
<b>13 August 2021</b>				
14:00 - 14:45	Discipline wise - Slot 1	Mr Achutha Kiran Kumar	Intel	General Verification trends & opportunities
14:45 - 15:30	Discipline wise - Slot 2	Mr James Henrydoss	Neustar Inc.	Network Function Virtualization (NFV).
15:30 - 16:15	Discipline wise - Slot 3	Mr. Siddhartha Mukherjee	Samsung	Transformation from NLU to Multimodal aware NLU
<b>14 August 2021</b>				
08:30 - 09:15	Discipline wise - Slot 1	Mr. N Venkatesh	Silicon Labs	Energy Efficient IoT Devices Industry
09:15 - 10:00	Discipline wise - Slot 2	Mr. Manian Sivaramakrishnan	Prodapt	Digital Transformation in the Telecom
10:00 - 10:45	Discipline wise - Slot 3	Mr. Kalyan Kumar Bhiravabhatla	Qualcomm	Industry-Academic interaction in Multimedia technologies
10:45- 11:00	Break			
11:00- 11:45	Discipline wise - Slot 4	Dr.. Deb Singdeo	Mathworks	Model Based Engineering Platform for Electrification
11:45- 12:30	Discipline wise - Slot 5	Dr.. Aninda Bhattacharya	ABB Global Industries & Services Pvt. Ltd. India	Role of Industrial Analytics in Predictive Maintenance
12:30- 14:00	Break			
14:00- 14:45	Discipline wise - Slot 6	Mr. Venkata Sivaram Vaddamanu	General Electric	GE's Grid Software Solution Offerings and an overview of current focus areas of work
14:45 - 15:00	Break			
15:00- 15:30	Discipline wise - Slot 7	Mr. Moindeep Dutta	Arm Embedded Technologies Pvt Ltd.	Arm overall offering in the industry and briefly touching upon activities happening in Arm India.
15:30- 15:45	Break			
15:45- 16:30	Discipline wise - Slot 8	Ms. Srilakshmi Sivaramakrishnan	Universal Avionics	General Avionics Systems in an aircraft



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## DEPARTMENTAL SCHEDULE OF EVENTS - ME

Time Slot	Agenda	Name of Speaker	Company
<b>14 August 2021</b>			
09.00 - 09:15	Department Introduction		
09:15 - 09:45	Discipline wise - Slot 1	Mr. Vishal Sharma	Mercedes Benz
09:45 - 10:15	Discipline wise - Slot 2	Dr Kartik Kumar	Saint Gobain
10:15 - 10:45	Discipline wise - Slot 3	Dr S Ganeshan	ISRO
10:45 - 11:00	Break		
11:00 - 11:30	Discipline wise - Slot 4	Dr Malay Jana	Mahindra Electric
11:30 - 12:00	Discipline wise - Slot 5	Mr Saransh Jain	Hero Moto Corp.
12:00 - 12:30	Discipline wise - Slot 6	Dr Rajsekaran Arumugam	Caterpillar Inc.
12:30 - 14:00	Break		
14:00 - 14:45	Discipline wise - Slot 7	Mr Krishnan Sadagopan	Ashok Leyland
14:45 - 15:15	Discipline wise - Slot 8	Mr Ayan Karmakar	ISRO
15:15 - 15:45	Discipline wise - Slot 9	Mr Srivathsan Narasimhan	Rolls Royce
15:45 - 16:00	Break		
16:00 - 16:45	Discipline wise - Slot 10	Mr Chandrasekar S	Hyundai Motor
16:45 - 17:00	Closing Remarks		



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## DEPARTMENTAL SCHEDULE OF EVENTS-CIVIL

Time Slot	Agenda	Name of Speaker	Company	Topic
<b>13 August 2021</b>				
14:00 - 14:45	Discipline wise - Slot 1	Mr. Sadasivan	LNTECC	Recent Trend in Technology & Engineering for Infrastructure Projects
14:45 - 15:30	Discipline wise - Slot 2	Mr Hariharan	KEC international Ltd . RPG Group	Assumptions and Risks in Project tendering.
15:30 - 16:15	Discipline wise - Slot 3	Dr.. R N Krishna	KC Contech	Innovative materials for concrete structures
<b>14 August 2021</b>				
09:15 - 10:00	Discipline wise - Slot 1	Mr. SudhisMS	Menkol Industries	A business journey of an entrepreneur to the corporate world/Exploration of opportunities
10:00 - 10:45	Discipline wise - Slot 2	Dr. Manikandan	Dalmia Cement Bharat Ltd	Indian cement industry overview and opportunities



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## DEPARTMENTAL SCHEDULE OF EVENTS-MATHEMATICS

Time Slot	Agenda	Name of Speaker	Company	Topic
<b>14 August 2021</b>				
09:15 - 10:45	Panel Discussion	Prasanna Muralidharan Tulasi Ram Reddy Annapareddy Sandeep Bhupatiraju	Microsoft Deutsche Bank World Bank Goup	Roles for mathematicians in industry, Future after phd in mathematics, Maths in Data Science, AI in Industry.



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## DEPARTMENTAL SCHEDULE OF EVENTS - PHYSICS

Time Slot	Agenda	Name of Speaker	Company	Topic
<b>14 August 2021</b>				
09:30 - 10:30	Discipline wise - Slot 1 (Parallel Session)	Mr. Vinod Aravindakshan	CDK GLOBAL	Career Options in Industry after physics degree
10:30-11:30	Discipline wise - Slot 2 (Parallel Session)	Mr. Srinath Ravichandran	Agikul Cosmos	Entrepreneurship as a career.



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## DEPARTMENTAL SCHEDULE OF EVENTS-CHEMISTRY

Time Slot	Agenda	Name of Speaker	Company	Topic
<b>13 August 2021</b>				
14:00 - 14:45	Discipline wise - Slot 1	Mr.Raghava Krishna Kanala	HPCL	Challenges and Opportunities in petroleum industry
14:45 - 15:30	Discipline wise - Slot 2	Dr. Subrahmanyam Santhanam	SABIC	Intellectual Property Analytics as a Career Choice
15:30 - 16:00	Discipline wise - Slot 3	Dr. Shirish Thakre	Aditya Birla Science and Technology, Bangalore	Industrial R&D:a perspective on the business challenges,strategic research direction and the opportunity

meeting link :

<https://zoom.us/j/97398007735?pwd=WENIUjR2SjQwQ0p4d29OY1JyZzFDZz09>