

GUEST LECTURES ON TUESDAYS

This academic year, it was decided that on Tuesdays guests would be invited to brief the students on the choice of their career, its perpetual challenge and it's prospective. Doubts of the students were clarified.

S.NO	NAME	DATE	TOPIC	PROFILE	CAPSTONE/APOGEE
1.	Prof. C. Balaji	21.06.2017	Engineering as a profession	<p>Professor in Mechanical engineering, IIT MADRAS,</p> <p>Currently the Editor-in-Chief of the International Journal of Thermal Sciences published by Elsevier, Oxford.</p> <p>He is also the author of four books, which include 2 graduate level text books. He is very passionate about teaching and one of his books is titled 'The Joy of Teaching.'</p>	<p>He gave a brief note on what the profession of an engineer is and the use of engineering economically in daily life. He cleared the misconceptions people had in the field of Engineering and vividly described what it all was about. In addition to that, he gave a little hint on Mechanical Engineering, regarding what it was concerned on and its scopes of improvement. Questions on topics like different wings of engineering, the associated jobs and scopes, the challenges in future were answered to the fullest clarity.</p>

2.	Prof. V. R. MURALEEDHARAN	27.06.2017	Economics	<p>Professor in Humanities, IIT MADRAS,</p> <p>He has worked closely with the governments of Tamil Nadu, Chhattisgarh, and the Planning Commission of India, Dept of Health and Family Welfare (New Delhi). He is currently co-Vice President of the Health Economics Association of India (established in May 2012), and is serving as a Member on the Editorial Board of "Medical History", a journal published by the Cambridge University Press. Currently, he specializes in teaching healthcare economics, history of healthcare in India, and environmental health Policy at</p>	<p>He gave a brief insight of the economic worth of people and institutions. Each penny the government spends on an individual or institution is a penny denied to another person or an institution. He encouraged developing a conscience of the magnitude of worth that one has when considering the amount of money the government economically spends on him/her. He called this work ethics and advised to contribute with maximum efficiency. Coming over again to what he told, he asked a few questions to ponder upon and take home, as of to whom a penny that a government</p>
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3.	PROF SUDARSHAN IYENGAR	4.7.2017	Convergence and synchrony in computer	COMPUTER SCIENCE IIT Ropar 'The Best Student Motivator' award by CRSI (Cryptology Research Society of India). He loves teaching and specializes in Social Network Analysis, Cryptography and the Theory of Computation	<p>He asked us all to clap – cacophonous. So consciously we made an effort to synchronize the action - clapping and then we heard the convergence of the sounds. He reasoned out that, every person tried to copy the people sitting around them while trying to synchronize and when this carried on to the</p>

					<p>whole crowd, it became convergent. Interestingly, he explained that this act of converging and synchronizing was not possible even for a supercomputer to perform. Then, he emphasized on a quote that 99% of what people say is always 100% wrong, and that it is always better to follow what one has a passion for. Then he tested out another experiment on us, saying that there will often be coincidence in the happening of things. He took the example of the day of birth of people. He asserted that he had to choose eight people so that at least two people had the same day of birth. And similarly, if two people of the selected should have the same date of birth, 366 people have to be chosen assuming it's not a leap</p>
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				<p>year. But when he took a sample, there was a recurrence in the date of birth of two students in the first row which contained just about 10 students, and as he proceeded there were more such instances where the details repeated. He stated that this is the basis of cryptography. Proceeding further, he defined computer science as the science which was not just the study of computers just as astronomy was not just the study of telescopes. Elaborating on Artificial Intelligence, he said that AI has not developed enough to be dangerous for the world and it'd take a lot of time to develop enough to have a serious impact on mankind. Also the current sciences have not even been able to copy</p>
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					a human eye or study the human brain. Questions were asked regarding the scope of computers, animations and game designing in the future. He regarded them to be very good in future.
4.	DIRECTOR BADRI VENKATESH	11.7.2017	Arts and Cinema	<p>Indian film director and television professional with more than 17 years of work experience in film direction, film writing, and reality show direction. He made his directorial debut with the 2010 Tamil film Baana Kaathadi and his latest project; Semma Botha Aagatha is scheduled for release in 2017. He won the National award for his short film, <i>Vidiyalai Nokki</i>, which also is the first Tamil short</p>	<p>He insisted on the fact that education would enhance the technical skills even when one possesses innate talent. When asked questions about media, he defended saying that media is mostly just about entertainment and it's trustworthiness had never been a matter of concern. Also, he said that most of the media broadcasted is imported from other countries, and hence there would be more scope for media to be created indigenously that being exported. He hinted on the</p>

				<p>fiction film to win this accolade. He is well known as the show director of the popular Celebrity Cricket League (3rd Edition), the Mirchi Music Awards, and Miss South India, a beauty pageant for all 4 south Indian states. He is also a lecturer at The National Film Institute and Loyola College</p>	<p>combination of journalism and media to be good and at the same time, the job of a critic to be quite dangerous and unreliable.</p>
5.	PROF. S. ANIRUDDHAN	18.7.2017	ELECTRICAL ENGINEERING	<p>Between 2006 and 2011, he worked in the RF-Analog group at Qualcomm Inc., San Diego where he designed integrated circuits for Cellular RF applications. He has been teaching at IITM since 2011. He is a fellow at The Institute of Electrical and</p>	<p>Electrical Engineering is one of the branches with maximum magnitude of coincidence and overlapping with other branches of engineering. The specializations of the electronics subdivision include communication and building devices while the specializations of the electrical subdivision include Generation, Distribution and Use. Also,</p>

				Electronics Engineers, New York.	Photonics, an emerging specialization, is concerned with faster data transformation with the help of light. He advised not to concentrate on specializing in anything unless one was clear about what his or her interests were and also to read newspapers especially the science column.
6.	Ms. Hema	25.7.2017	Law	She is the Senior Adviser (Legal) at IC & SR at IIT Madras, also a senior counsel in the area of Corporate law, arbitration, real estate law and litigation	Shared her experience as a lawyer in US and India. Entrance exam for law is CLAT – COMMON LAW ADMISSION TEST. Areas that will be tested are English, GK, Maths, Sociology, History and Political Science. She insisted in developing public speaking, group discussions, logical thinking etc. mostly an interactive session