

## Cyber Security Awareness Week (CSAW'17) at IIT Kanpur

Day 1- 9<sup>th</sup> November, 2017

*Outreach Auditorium, IIT Kanpur*

Sl. No.	Schedule	Timing
1.	Inauguration, Welcome Address <i>by Prof. Manindra Agrawal, IIT Kanpur</i>	10:00 AM- 10:30 AM
2.	Invited Talk “Beyond Bitcoin -- the world of Crypto currencies” <i>by Sourav Sengupta, Indian Statistical Institute, Kolkata</i>	10:30 AM- 11:30 AM
	<b>Tea-Break</b>	11:30 AM- 12:00 PM
3.	Invited Talk “Break one link and the whole chain falls apart! Embedding Security in Things to Cloud” <i>by Debdeep Mukhopadhyay, IIT Kharagpur</i>	12:00 PM- 1:00 PM
	<b>Lunch</b>	1:00 PM- 2:00 PM
4.	Invited Talk “Role of Network Telemetry and Analytics in Cyber Security” <i>by Manish Bajpai, Nivetti Systems, Bangalore</i>	2:00 PM-3:00 PM
5.	Invited Talk “Research on Digital Image Forensics at SEAL, IIT Kharagpur” <i>by Rajat Subhra Chakraborty, IIT Kharagpur</i>	3:00 PM - 4:00 PM
6.	Invited Talk “Mobile Security” <i>by Lakshya Jyoti Bora</i>	4:00 PM- 4:40 PM
7.	“Activities at the Interdisciplinary Center for Cyber Security and Cyber Defense of Critical Infrastructures at IIT Kanpur” <i>by Sandeep K. Shukla, IIT Kanpur</i>	4:40 PM- 5:30 PM
	<b>Dinner</b>	8:00 PM onwards at outreach lawn

**Day 2- 10<sup>th</sup> November, 2017**

**Poster Presentation of ARC, Law & Policy and ESC**

<b>Sl. No.</b>	<b>Schedule</b>	<b>Timing</b>
1.	Start of Capture the Flag at KD 101	7:30 AM onwards
2.	Applied Research Competition and Embedded Security Challenge Competitors set up their Posters at the Atrium of Outreach Auditorium	9:30 AM- 10:00 AM
3.	Opening remarks on Applied Research Competition & Embedded Security Challenge	10:00 AM- 10:20 AM
3(a)	ARC Presentation 1 on “Low overhead symmetrical protection of reusable IP core using robust fingerprinting and watermarking during high level synthesis” <i>by Dipanjan Roy, IIT Indore</i>	10:20 AM -10:40 AM
3(c)	ARC Presentation 2 on “A PUF-Based Secure Communication Protocol for IoT” <i>by Urbi, IIT Kharagpur</i>	10:40 AM -11:00 AM
<b>Tea Break</b>		11:00 AM- 11:30 AM
3(d)	ARC Presentation 3 on “Forensic engineering for resolving ownership problem of reusable IP core generated during high level synthesis” <i>by Deepak Kachave, IIT Indore</i>	11:30 AM- 11:50 AM
3(e)	ARC Presentation 4 on “PicHunt: Social Media Image Retrieval for Improved Law Enforcement” <i>by Divam Gupta, IIIT Delhi</i>	11:50 AM- 12:10 PM
3(f)	ARC Presentation 5 on “Automated JPEG Forgery Detection with Correlation based Localization” <i>by Diangarti Bhalang Tariang, IIT Kharagpur</i>	12:10 PM- 12:30 PM
3(g)	ARC Presentation 6 on “Shakti-T : A RISC-V Processor with Light Weight Security Extensions” <i>by Arjun Menon, IIT Madras</i>	12:30 PM- 12:50 PM
3(h)	ARC Presentation 7 on “TL-HLS: Methodology for Low Cost Hardware Trojan Security Aware Scheduling With Optimal Loop Unrolling Factor During High Level Synthesis” <i>by Dipanjan Roy, IIT Indore</i>	12:50 PM- 1:10 PM
3(i)	ARC Presentation 8 on “Counterfeit IC Detection By Image Texture Analysis” <i>by Pallabi Ghosh, IIT Kharagpur</i>	1:10 PM – 1:30 PM

	<b>Lunch</b>	1:30 PM- 2:30 PM
4(a)	ESC Presentation 1 by <i>IIT Madras</i>	2:30 PM- 3:00 PM
4(b)	ESC Presentation 2 <i>IIT Kharagpur</i>	3:00 PM- 3:30 PM
	Law & Policy competition presentation "Fake News Endemic" <i>by Shreya, IIT BHU</i>	3:30 PM- 4:00 PM
	<b>Tea Break</b>	4:00 PM- 4:30 PM
5.	Poster presentation for Applied Research, Embedded Security Challenge and Policy Competition	4:30 PM- 5:00 PM
6.	Announcement of the winners	5:00 PM
7.	Cyber Security Lab visit for interested judges and competitors	5:00 PM- 6:00 PM
	<b>Dinner</b>	8:00 PM onwards at outreach lawn

**Day 3- 11<sup>th</sup> November, 2017**

CTF Ends at 7:30 PM
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