

# 3<sup>rd</sup> International Conference on Communication Systems

**ICCS-2017**

**October 14-16, 2017**

**Organized by**



**B K Birla Institute of Engineering & Technology  
Pilani, INDIA**

**Program Schedule**

**WELCOME**

# DAY 1: SATURDAY, OCTOBER 14, 2017

Registration-09:00 AM - 10:30 AM, Venue- Registration Desk, BKBIET, Pilani

## INAUGURAL SESSION TIMING-10:30 AM-12:30 PM

- ➔ **Lamp Lighting & Saraswati Vandana**
- ➔ **Welcome Address:** by Prof. (Dr.) P S Bhatnagar, Director, BKBIET, Pilani, India
- ➔ **About Conference :** by Dr. Manoj Pandey, Conference Convener, ICCS-2017
- ➔ **Welcome & Felicitation of Chief Guest & Guests of Honor:**
  - by Prof. (Dr.) P S Bhatnagar, Director, BKBIET, Pilani, India
  - ⇒ **ADDRESS (10min):** by Chief Guest: **Dr. S P Kosta**, Director General, SRIT, Jabalpur, India
  - ⇒ **ADDRESS (10min):** by Guest of Honor: **Dr. Surendra Pal**, Vice Chancellor, DIAT, Pune, India
  - ⇒ **ADDRESS (10min):** by Guest of Honor: **Dr. Santanu Chaudhury**, Director, CSIR-CEERI, Pilani, India
  - ⇒ **ADDRESS (10min):** by Guest of Honor: **Dr. A K Sarkar**, Director, BITS, Pilani, India
  - ⇒ **ADDRESS (10min):** by Guest of Honor: **Maj.-Gen. S S Nair**, Director, BET, Pilani, India
  - ⇒ **ADDRESS (10min):** by Guest of Honor: **Dr. V N Dhaulakhandi**, Director, Birla Museum, Pilani, India
- ➔ **Welcome & Felicitation of Invited Speakers & Chairpersons/Co-chairpersons:**
  - by Prof. (Dr.) L Solanki, Principal (Academic), BKBIET, Pilani, India
  - by Prof. S B Dandin, Principal (Administration), BKBIET, Pilani, India
- ➔ **About Publication:** by Mr. Santosh Jangid, Publication Coordinator, ICCS-2017
- ➔ **Vote of Thanks:** by Mr. Satish Kumar Rai, Conference Convener, ICCS-2017

LUNCH-12:30 PM - 02:00 PM

## SESSION 1 TIMING-2:00 PM - 04:00 PM

HALL-1	HALL-2	HALL-3
<b>SESSION 1A</b> <b>Microwave Devices &amp; Antenna</b>	<b>SESSION 1B</b> <b>Industrial Engineering &amp; Automation</b>	<b>SESSION 1C</b> <b>Space Communication &amp; MEMS Devices</b>
<b>Chairperson</b> {Invited Talk-01 (30min)}: <b>Prof.(Dr.) Tchanguz Razban</b> Polytech Nantes, France <b>Co-Chair</b> {Invited Talk-02 (30min)}: <b>Dr. L M Joshi</b> Emeritus Scientist, CEERI, Pilani, India <b>Paper Presentation:</b> <b>3 Papers:</b> 1A.1-1A.3	<b>Chairperson</b> {Invited Talk-03 (30min)}: <b>Prof. (Dr.) Chanikaran Wongviriyawong</b> , KMUTT, Thailand <b>Paper Presentation:</b> <b>4 Papers:</b> 1B.1-1B.4	<b>Chairperson</b> {Invited Talk-04 (30min)}: <b>Dr. S Pal</b> VC, DIAT, Pune, India <b>Co-Chair</b> {Invited Talk-05 (30min)}: <b>Dr. Kamaljeet Singh</b> Scientist, ISAC, Bangalore, India <b>Paper Presentation:</b> <b>4 Papers:</b> 1C.1-1C.4

TEA / COFFEE- 04:00 PM - 04:15 PM

## SESSION 2 TIMING-04:15 PM - 06:15 PM

SESSION 2A	SESSION 2B	SESSION 2C
<b>Microwave Devices &amp; Antenna</b>	<b>Semiconductor Devices</b>	<b>Robotics &amp; Automation</b>
<b>Chairperson</b> {Invited Talk-06 (30min)}: <b>Dr. S N Joshi</b> Emeritus Scientist, CEERI, Pilani, India <b>4 Papers:</b> 2A.1-2A.4	<b>Chairperson</b> {Invited Talk-07 (30min)}: <b>Prof. (Dr.) R C Dubey</b> , IES-IPS Academy, Indore, India <b>Paper Presentation:</b> <b>4 Papers:</b> 2B.1-2B.4	<b>Chairperson:</b> <b>Prof. (Dr.) Montalee Sasananan</b> Thammasat University, Thailand <b>Co-Chair</b> {Invited Talk-08 (30min)}: <b>Prof. (Dr.) S S Agarwal</b> Director, KIIT, Gurgaon, India <b>Paper Presentation:</b> <b>4 Papers:</b> 2C.1-2C.4

Cultural Program-07:00 PM – 8.30 PM

DINNER-08:30 PM - 10:00 PM

## DAY 2: SUNDAY, OCTOBER 15, 2017

**Registration-08:00 AM - 09:00 AM, Venue- Registration Desk, BKBIET, Pilani**

### SESSION 3

**TIMING-09:00 AM - 11:00 AM**

HALL -1	HALL-2	HALL-3
<p style="color: green; font-weight: bold;">SESSION 3A</p> <p style="color: blue; font-weight: bold;">Image &amp; Signal Processing</p> <p><b>Chairperson</b> {Invited Talk-09 (30min)}: <b>Prof. (Dr.) Majdi Khoudeir</b> Université de Poitiers, Poitiers, France <b>Paper Presentation:</b> <b>4 Papers:</b> 3A.1-3A.4</p>	Industrial Academia Meet	<p style="color: green; font-weight: bold;">SESSION 3C</p> <p style="color: blue; font-weight: bold;">Biomedical Engineering</p> <p><b>Chairperson</b> {Invited Talk-10 (30min)}: <b>Prof. (Dr.) Thami Zeghloul,</b> Director, IUT Angouleme, France <b>Paper Presentation:</b> <b>3 Papers:</b> 3C.1-3C.3</p>

TEA / COFFEE- 11:00 AM- 11:30 AM

### SESSION 4

**TIMING-11:30 AM - 01:00 PM**

<p style="color: green; font-weight: bold;">SESSION 4A</p> <p style="color: blue; font-weight: bold;">Image &amp; Signal Processing</p> <p><b>Chairperson</b> {Invited Talk-11 (30min)}: <b>Prof. (Dr.) Chaker Larabi</b> Université de Poitiers, Poitiers, France <b>Paper Presentation:</b> <b>4 Papers:</b> 4A.1-4A.4</p>	Industrial Academia Meet	<p style="color: green; font-weight: bold;">SESSION 4C</p> <p style="color: blue; font-weight: bold;">Microwave Devices</p> <p><b>Chairperson</b> {Invited Talk-12 (30min)}: <b>Prof. (Dr.) Kouroch Mahdjoubi</b> University de Rennes, France <b>Paper Presentation:</b> <b>3 Papers:</b> 4C.1-4C.3</p>
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LUNCH-01:00 PM - 02:30 PM

### SESSION 5

**TIMING-2:30 PM - 04:30 PM**

<p style="color: green; font-weight: bold;">SESSION 5A</p> <p style="color: blue; font-weight: bold;">Communication Systems</p> <p><b>Chairperson</b> {Invited Talk-13 (30min)}: <b>Prof. (Dr.) H M Gupta</b> Formerly, Professor, IIT Delhi, India <b>Co-Chair:</b> <b>Dr. Sneh Mohan</b> Executive Director, CDT Foundation <b>Paper Presentation:</b> <b>4 Papers:</b> 5A.1-5A.4</p>	<p style="color: green; font-weight: bold;">SESSION 5B</p> <p style="color: blue; font-weight: bold;">EMFT &amp; Antenna</p> <p><b>Chairperson</b> {Invited Talk-14 (30min)}: <b>Prof. (Dr.) S K Bhatnagar</b> Director, SKIT, Jaipur, India <b>Paper Presentation:</b> <b>4 Papers:</b> 5B.1-5B.4</p>	International Coordinator's Meet-2017  (Venue: Meeting Hall)
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TEA / COFFEE- 04:30 PM - 04:45 PM

### SESSION 6

**TIMING-04:45 PM - 06:45 PM**

<p style="color: green; font-weight: bold;">SESSION 6A</p> <p style="color: blue; font-weight: bold;">VLSI &amp; Embedded Systems</p> <p><b>Chairperson:</b> <b>Dr. O. P. Wadhawan</b> Ex-Scientist, CEERI, Pilani, India <b>Co-Chair</b> {Invited Talk-15 (30min)}: <b>Dr. S C Bose</b> Chief Scientist, CEERI, Pilani, India <b>Paper Presentation:</b> <b>3 Papers:</b> 6A.1-6A.3</p>	<p style="color: green; font-weight: bold;">SESSION 6B</p> <p style="color: blue; font-weight: bold;">Renewable Energy</p> <p><b>Chairperson</b> {Invited Talk-16 (30min)}: <b>Prof. (Dr.) Ratna Dahiya</b> NIT, Kurukshetra, India <b>Co-Chair</b> {Invited Talk-17 (30min)}: <b>Prof. (Dr.) M S Soni</b> BITS, Pilani, India <b>Paper Presentation:</b> <b>4 Papers:</b> 6B.1-6B.4</p>	<p style="color: green; font-weight: bold;">SESSION 6C</p> <p style="color: blue; font-weight: bold;">Electronic Systems &amp; Communication</p> <p><b>Chairperson</b> {Invited Talk-18 (30min)}: <b>Dr. Kota Solomon Raju</b> Principal Scientist, CEERI, Pilani, India <b>Co-Chair</b> {Invited Talk-19 (30min)}: <b>Prof. (Dr.) L Solanki</b> Principal (Acad.), BKBIET, Pilani, India <b>Paper Presentation:</b> <b>3 Papers:</b> 6C.1-6C.3</p>
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Visit to Museums followed by Tea-7:00 PM- 8:00 PM

DINNER-08:30 PM - 10:00 PM

## DAY 3: MONDAY, OCTOBER 16, 2017

Registration-08:00 AM - 09:00 AM, Venue- Registration Desk, BKBIET, Pilani

### SESSION 7

TIMING-09:00 AM - 11:00 AM

HALL-1	HALL-2	MEETING HALL
<b>SESSION 7A</b> <b>Mathematical Computation &amp; Optimization Techniques</b>	<b>SESSION 7B</b> <b>Automation, Robotics &amp; IoT</b>	<b>SESSION 7C</b> <b>Papers Presentation via Video Conferencing</b>
<b>Chairperson</b> {Invited Talk-20 (30min)}: <b>Prof. (Dr.) C B Gupta</b> BITS, Pilani, India <b>Paper Presentation:</b> <b>7 Papers:</b> 7A.1-7A.7	<b>Chairperson</b> {Invited Talk-21 (30min)}: <b>Er. R L Agarwal</b> Fellow IEL, India <b>Paper Presentation:</b> <b>4 Papers:</b> 7B.1-7B.4	<b>Chairperson:</b> <b>Prof. (Dr.) Yues Millou</b> INSA Rouen, France <b>Co-Chair:</b> <b>Prof. S B Dandin</b> Principal (Admin.), BKBIET, Pilani, India <b>Paper Presentation:</b> <b>5 Papers:</b> 7C.1-7C.5

TEA / COFFEE- 11:00 AM- 11:30 AM

### SESSION 8

TIMING-11:30 AM - 01:30 PM

SESSION 8A	SESSION 8B	SESSION 8C
<b>Mathematical Computation &amp; Optimization Techniques</b>	<b>Automation, Robotics &amp; IoT</b>	<b>Papers Presentation via Video Conferencing</b>
<b>Chairperson</b> {Invited Talk-22 (30min)}: <b>Prof. (Dr.) Pankaj Gupta</b> University of Delhi, India <b>Paper Presentation:</b> <b>8 Papers:</b> 8A.1-8A.8	<b>Chairperson</b> {Invited Talk-23 (30min)}: <b>Prof. (Dr.) K S Sangwan</b> BITS, Pilani, India <b>Co-Chair</b> {Invited Talk-24 (30min)}: <b>Prof. (Dr.) Rajesh P Mishra</b> BITS, Pilani, India <b>Paper Presentation:</b> <b>3 Papers:</b> 8B.1-8B.3	<b>Chairperson:</b> <b>Prof. (Dr.) Yues Millou</b> INSA Rouen, France <b>Co-Chair:</b> <b>Prof. S B Dandin</b> Principal (Admin.), BKBIET, Pilani, India <b>Paper Presentation:</b> <b>4 Papers:</b> 8C.1-8C.4

LUNCH-01:30 PM - 02:30 PM

Formally Closing of ICCS-2017 || Wish to see you again in

# 4<sup>th</sup> International Conference on Communication Systems

## ICCS-2019

October 18-20, 2019

### SUMMARY

<b>International invited Speakers/Chairpersons/Co-Chair</b>		08	
<b>National Invited Speakers/Chairpersons/Co-Chair</b>		32	
<b>Research Papers Received</b>		105	
<b>Research Papers Accepted for Presentation</b>	Oral	77	
	Video conferencing	09	
<b>Research Papers Accepted for IOP Proceeding Publication</b>		40	
<b>Participants</b>	Speakers + Authors	40+95	
	Attendee	External	13
		Faculties & Students of Host Institute	285

### IMPORTANT CONTACTS

<b>Conference Convener</b>	+91-7737435144 & 9785551210
<b>Publication Coordinator</b>	+91-9414367879
<b>Hospitality</b>	+91-9461813717, 9828765129