



NEW HORIZON COLLEGE OF ENGINEERING

Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
Accredited by NAAC with 'A' Grade, Accredited by NBA
New Horizon Knowledge Park, Ring Road, Bellandur Post, Bengaluru 560 103

The Trust is a Recipient of Prestigious
Rajyotsava State Award 2012
Conferred by the Government of Karnataka

TOP ENGINEERING COLLEGE OF INDIA as per
NATIONAL INSTITUTIONAL RANKING FRAMEWORK, 2019
Ministry of Human Resource Development, Government of India 



INTERNATIONAL CONFERENCE ON

Sponsored by



In Association with



INNOVATIVE RESEARCH IN ENGINEERING, MANAGEMENT AND SCIENCES

Co-Sponsored by



(ICIREMS-2019)

INDUSTRY PARTNERS



Date: 19th - 21st December 2019



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TOP ENGINEERING COLLEGE OF INDIA as per
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Ministry of Human Resource Development, Government of India 

*The Management, Principal, Staff and Students
Cordially invite you for the Inauguration of*



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INNOVATIVE RESEARCH IN ENGINEERING, MANAGEMENT AND SCIENCES

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Capgemini

(ICIREMS-2019)

19th to 21st December 2019

Chief Guest

Prof. A. S. Deshpande

Registrar,
Visvesvaraya Technological University, Belagavi.

Chief Patron

Dr. Mohan Manghnani

Chairman, New Horizon Educational Institutions

Patron

Dr. Manjunatha

Principal, New Horizon College of Engineering

Date: 19-12-2019

Time: 10.00 A.M

Venue: NHCE Auditorium



INAUGURAL PROGRAMME

Invocation Song

Lighting of the Lamp

Declaration of Conference “ICIREMS-2019” Open

Welcome Address by Dean - Academics

About the Conference by Organizing Secretary

Address by Dean - Research & Development

Address by Principal

Address by Chief Guest

Release of Conference Proceedings

Felicitation

Vote of Thanks by Dean - Mechanical Engineering

National Anthem

DAY 1 SCHEDULE

Venue	Auditorium Major Sandeep Unnikrishnan Ashok Chakra Memorial Block	Subhas Chandra Bose Block						
		Falconry Seminar Hall	A301	A302	A303	A305	A306	A308
10.00 a.m.	INAUGURATION							
11.30 a.m.	Tea Break							
11.45 a.m.	International Keynote Speaker Mr. CARL BROADBRIDGE Head of India Operations-India, ANZ Bank New Zealand							
12.30 p.m.	International Keynote Speaker Ms. NOEMI GIL VALERI Founder Partner, Progen, Weight Management Spain							
1.15 p.m.	Lunch							
2.00 p.m. to 3.30 p.m.	PANEL DISCUSSION-1							
3.30 pm.	Tea Break							
3.45 p.m. to 4.15 p.m.		MBA National Keynote Speaker Mr. TOMOYUKI YAMATO Founder, YAMATO LLC	CSE/ ISE/ MCA National Keynote Speaker Dr. BALAJI RAJENDRAN Joint Director, CDAC		MECH/ AUTO National Keynote Speaker Dr. J RAMKUMAR Professor, IIT-Kanpur	SCIENCES/ HUMANITIES/ BT National Keynote Speaker Dr. SANDEEP KUMAR Professor, RRI	CIVIL National Keynote Speaker Dr. B.V. RAVISHANKAR Principal, BMSCE	ECE/ EEE National Keynote Speaker Mr. BIPIN Site Director, INVECAS
4.15 p.m. to 5.15 p.m.			PHYSICS Paper ID PHY_101 PHY_104 PHY_105 PHY_106 PHY_107 PHY_108	LIBRARY Paper ID LIB_100 LIB_101 LIB_102 LIB_103 LIB_104 LIB_105 LIB_106 LIB_107	AUTOMOBILE ENGINEERING Paper ID AUTO_100 AUTO_101 AUTO_102 AUTO_103 AUTO_104 AUTO_105 AUTO_106	CHEMISTRY/ BIO TECHNOLOGY Paper ID BT_100 BT_101 CHEM_101 CHEM_102 CHEM_103 CHEM_104 CHEM_105 CHEM_107 CHEM_100 CHEM_106 CHEM_108	HUMANITIES Paper ID Humanities_100 Humanities_102 Humanities_103 Humanities_104 Humanities_105 Humanities_106 Humanities_107	

Panel Discussion-1

Moderator: Mr. Indushekar B R, Vice President and General Manager, Volvo Group India Pvt Ltd.
Topic: Role of Industry in Designing Engineering and Management Curriculum

SI.No	PANEL MEMBERS	DATE / TIME
1	Mr. Carl Broadbridge, Head India Operations, ANZ Bank, New Zealand	Date: 19 th Dec, 2019 Time: 2.00 p.m to 3.30 p.m
2	Mr. Devesh Agarwal, President, Bangalore Chamber of Industry and Commerce	
3	Mr. Manish Kulkarni, Senior Director, Caggemini	
4	Mr. Naganagouda S J, Vice President, GlobalEdge Software Limited	
5	Ms. Noemi Gil Valeri, Founder Partner, Progen Weight Management	
6	Dr. B.V. Ravishankar, Principal, BMS College of Engineering	
7	Dr. Manjunatha, Principal, New Horizon College of Engineering	

19th December 2019

DAY 2 SCHEDULE

Venue	Auditorium Major Sandeep Unnikrishnan Ashok Chakra Memorial Block	Subhas Chandra Bose Block						
		Falconry Seminar Hall	A301	A302	A303	A305	A306	A308
10.30 a.m.	International Keynote Speaker Prof. SANTONI FABIO University of Rome La Sapienza Italy							
11.30 a.m.	Tea Break							
11.45 a.m. to 12.45 p.m.		MATHEMATICS Paper ID MATHS_100 MATHS_101 MATHS_102 MATHS_103 MATHS_104 MATHS_105	COMPUTER SCIENCE AND ENGINEERING Paper ID CSE_100 CSE_128 CSE_107 CSE_111 CSE_126 CSE_136	INFORMATION SCIENCE AND ENGINEERING Paper ID ISE_100 ISE_101 ISE_102 ISE_103 ISE_104 ISE_105	MECHANICAL ENGINEERING Paper ID MECH_129 MECH_118 MECH_140 MECH_122 MECH_107 MECH_108	ELECTRONICS AND COMMUNICATION ENGINEERING Paper ID ECE_100 ECE_101 ECE_102 ECE_103 ECE_104 ECE_105	CIVIL ENGINEERING Paper ID CIVIL_104 CIVIL_110 CIVIL_105 CIVIL_109 CIVIL_117 CIVIL_120	ELECTRICAL AND ELECTRONICS ENGINEERING Paper ID EEE_108 EEE_100 EEE_102 EEE_105 EEE_110 EEE_112
1.00 p.m.	Lunch							
2.00 p.m. to 3.00 p.m.		MATHEMATICS Paper ID MATHS_107 MATHS_108 MATHS_109 MATHS_110 MATHS_111 MATHS_112 MATHS_113	COMPUTER SCIENCE AND ENGINEERING Paper ID CSE_114 CSE_122 CSE_125 CSE_150 CSE_118 CSE_103	INFORMATION SCIENCE AND ENGINEERING Paper ID ISE_106 ISE_107 ISE_108 ISE_109 ISE_110 ISE_111	MECHANICAL ENGINEERING Paper ID MECH_136 MECH_132 MECH_130 MECH_112 MECH_126 MECH_119 MECH_137	ELECTRONICS AND COMMUNICATION ENGINEERING Paper ID ECE_106 ECE_107 ECE_108 ECE_109 ECE_110 ECE_111	CIVIL ENGINEERING Paper ID CIVIL_125 CIVIL_112 CIVIL_106 CIVIL_107 CIVIL_108 CIVIL_114 CIVIL_121	ELECTRICAL AND ELECTRONICS ENGINEERING Paper ID EEE_109 EEE_107 EEE_103 EEE_101 EEE_106 EEE_104
3.00 p.m. to 4.00 p.m.		MBA Paper ID MBA_102 MBA_104 MBA_106 MBA_107 MBA_109 MBA_110 MBA_112 MBA_115	COMPUTER SCIENCE AND ENGINEERING Paper ID CSE_152 CSE_117 CSE_132 CSE_135 CSE_112 CSE_104	INFORMATION SCIENCE AND ENGINEERING Paper ID ISE_112 ISE_113 ISE_114 ISE_115 ISE_116 ISE_117	MECHANICAL ENGINEERING Paper ID MECH_104 MECH_123 MECH_124 MECH_131 MECH_134 MECH_135 MECH_141	ELECTRONICS AND COMMUNICATION ENGINEERING Paper ID ECE_112 ECE_113 ECE_114 ECE_115 ECE_116 ECE_117	CIVIL ENGINEERING Paper ID CIVIL_115 CIVIL_116 CIVIL_123 CIVIL_113 CIVIL_111 CIVIL_124 CIVIL_119	ELECTRONICS AND COMMUNICATION ENGINEERING Paper ID ECE_124 ECE_125 ECE_126 ECE_127 ECE_128 ECE_129 ECE_130
4.00 pm.	Tea Break							
4.15 p.m. to 5.15 p.m.		MBA Paper ID MBA_100 MBA_101 MBA_103 MBA_114 MBA_108 MBA_111 MBA_113 MBA_105	COMPUTER SCIENCE AND ENGINEERING Paper ID CSE_127 CSE_129 CSE_130 CSE_131 CSE_105 CSE_146 CSE_120	INFORMATION SCIENCE AND ENGINEERING Paper ID ISE_118 ISE_119 ISE_120 ISE_121 ISE_122 ISE_128	MECHANICAL ENGINEERING Paper ID MECH_101 MECH_105 MECH_113 MECH_127 MECH_128 MECH_139 MECH_102	ELECTRONICS AND COMMUNICATION ENGINEERING Paper ID ECE_118 ECE_119 ECE_120 ECE_121 ECE_122 ECE_123	CIVIL ENGINEERING Paper ID CIVIL_126 CIVIL_128 CIVIL_127 CIVIL_100 CIVIL_101 CIVIL_103 CIVIL_122	

DAY 3 SCHEDULE

Venue	Auditorium Major Sandeep Unnikrishnan Ashok Chakra Memorial Block	Subhas Chandra Bose Block						
		Falconry Seminar Hall	A301	A302	A303	A305	A306	A308
Time								
09.00 a.m. to 10.00 a.m.	International Keynote Speaker Dr. JAVEED AHMED KHAN EEOTC, Canada		COMPUTER SCIENCE AND ENGINEERING Paper ID CSE_123 CSE_113 CSE_133 CSE_143 CSE_140 CSE_124 CSE_121	MCA Paper ID MCA_106 MCA_104 MCA_102 MCA_100 MCA_109 MCA_105	MECHANICAL ENGINEERING Paper ID MECH_111 MECH_114 MECH_115 MECH_106 MECH_109 MECH_110 MECH_100			
10.00 a.m. to 11.00 a.m.	International Keynote Speaker Prof. DUSAN RADOSAVLJEVIC Head, Committee for Space, Republic of Serbia		COMPUTER SCIENCE AND ENGINEERING Paper ID CSE_106 CSE_138 CSE_145 CSE_109 CSE_148 CSE_102 CSE_116	MCA Paper ID MCA_101 MCA_108 MCA_110 MCA_114 MCA_112 MCA_107 MCA_113	MECHANICAL ENGINEERING Paper ID MECH_116 MECH_120 MECH_121 MECH_117 MECH_125 MECH_103 MECH_133			
11.00 a.m.	Tea Break							
11.30 a.m. to 1.00 p.m.	PANEL DISCUSSION-2							
	Lunch							
02.00 p.m.	VALEDICTORY							

Panel Discussion-2

Moderator: Mr. Venkatraman Umakanth, Member Success Leader - NASSCOM

Topic: The New Age Technologies : Whether Threat to Employment or a Pre-requisite for Deployment

SI.No	PANEL MEMBERS	DATE / TIME
1	Mr. Ananthakumar Mani, Vice President, Capgemini	Date: 21 st Dec, 2019 Time: 11.30 a.m to 1.00 p.m
2	Ms. Anjana K R, General Manager - HR, TCS	
3	Mr. Manas Dasgupta, Head - Wealth Technology, Business Unit ANZ Bank	
4	Dr. K N Subramanya, Principal, R V College of Engineering	
5	Mr. Vijayaraghvan Pisharody, Vice President & CHRO, KNOLSKAPE	
6	Mr. Yeshraj Singh, General Manager, Quest Global	
7	Dr. Prashanth CSR, Dean-Academics, New Horizon College of Engineering	

Note: Conference Proceedings can be downloaded from the given link:
bit.ly/icirems19_proceedings



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Chief Guest

Mr. Shrinivas Chebbi

President - Power Products
Greater India Zone
Schneider Electric India Pvt Ltd., Bangalore.

Chief Patron

Dr. Mohan Manghnani

Chairman, New Horizon Educational Institutions

Patron

Dr. Manjunatha

Principal, New Horizon College of Engineering

Date: 21-12-2019

Time: 02.00 P.M

Venue: NHCE Auditorium



VALEDICTORY PROGRAMME

Invocation Song

Welcome Address by HoD - Library

Highlights of the Conference by HoD - ISE

Address by Chief Guest

Best Paper Award

Felicitation

Vote of Thanks by HoD - ECE

National Anthem

