# K.S.R COLLEGE OF ENGINEERING, TIRUCHENGODE (Autonomous)

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai.

### ORGANIZED BY

# DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

#### **CONFERENCE**

Academic Year: 2017 - 2018

## TITLE

"Recent trends in Information, Communication and Computing Techniques (RTICCT'18)"

DATE(S): 07.04.2018

Dr. A. RAJIV KANNAN, M.E. Ph.O.
Professor and Head
Department of Computer Science and Engineering

K.S.R. College of Engineering (Autonomous)

Tiruchengode - 637 215, Namakkal (Dt.)

TIRUCHENGODE G37 215



# K.S.R. COLLEGE OF ENGINEERING TIRUCHENGODE - 637 215 (Autonomous)

## **Event Schedule**

1	Name of the Event (Seminar/Workshop/Conference/FDP/Any other)	Conference
2	Name of the Organizer	K.S.R.COLLEGE OF ENGINEERING
3	Date of Event	07.04.2018
4	Title of the Event	National Conference on Recent Trends in Information, Communication and Computing Technologies (NC-RTICCT'18)
5	Name of the Co-ordinators	Dr. T. Poongothai Dr. E. Baby Anitha Dr. M. Prakash Mrs. G.S. RizwanaBanu Mr. S.Vadivel
6	Total Participants	57
7	Objectives of the Event	To enable the researchers, academicians and students to exhibit their latest findings and also to provide a forum for the transfer and dissemination of new ideas and technology among all those concerned in the field of Information, Communication and Computing
		Technologies.

Co-ordinator

Dr. A. RAJIV KANNAN, M.E., Ph.D.
Professor and Head
Department of Computer Science and Engineering
K.S.R. College of Engineering (Autonomous)
Tiruchengode - 637 215, Namakkal (Dt.)

Principal

TIRUCHENGODE

#### **OBJECTIVE OF THE CONFERENCE**

The objective of this conference is to enable the researchers, academicians and students to exhibit their latest findings and also to provide a forum for the transfer and dissemination of new ideas and technology among all those concerned in the field of Information, Communication and Computing Technologies.

#### **CALL FOR TECHNICAL PAPERS**

Researchers, Academicians and Students are invited to submit their papers on the following disciplines:

- > Artificial Intelligence & Internet of Things
- > Data Mining and Big Data Analytics
- ➤ Network Security & Cyber Security
- Wired and Wireless Sensor Networks
- Cloud Computing
- > Fuzzy Systems and Soft Computing
- > Medical Applications and Bioinformatics
- > Digital Image Processing
- > Distributed and Parallel Computing
- > Information Sciences
- Software Technologies
- Communication Technology
- > Human computer interaction
- ➤ Embedded Systems
- > Pattern Recognition, Machine Learning
- > High-Performance and Grid Computing
- Social Networking
- Ubiquitous and Pervasive Computing

All the paper will be published in the Reputed International journals (Free of Cost).

#### **REGISTRATION FEE**

Industry Person: Rs. 1500

Faculty / Research Scholars / PG Students: Rs. 1000

UG Students: Rs. 750

Registration Process is available in conference website www.rticct18.com

#### PAPER GUIDELINES

The conference uses Easychair Paper Submission System to manage all the work concerning the papers of the conference.

Paper Submission Link: www.rticct18.com

There is no Format for the initial submission of the paper. (Initial submission will be used to review the technical content of the paper. Plagiarism is highly restricted.) Once the paper is accepted for the conference, then the final version of the paper will be submitted and intimation will be given through Email.

IMPORTANT DATES			
Conference Date	: 07.04.2018		
Paper Submission last date	: 28.03.2018		
Acceptance Notification	: 31.03.2018		
Last date for registration	: 02.04.2018		

#### **Communication Address:**

Dr. N. S. Nithya, [NC-RTICCT'18]

Department of Computer Science and Engineering,

K.S.R. College of Engineering (Autonomous),

Tiruchengode – 637215 Namakkal Dt.

E-mail: rticct18@gmail.com

Mr. D. Jayachandran

Coordinator of Tamilnadu College Events.in For any queries: +91-8148380868, 9843695259

### National Conference on

# Recent Trends in Information, Communication and Computing Technologies

NC-RTICCT'18

07th April, 2018

Organized by

Department of Computer Science & Engineering



# K.S.R. College of Engineering (Autonomous)

Approved by AICTE & Affiliated to Anna University, Chennai, E-Mail ID: rticct18@gmail.com

Website: www.rticct18.com

Supported By



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#### ABOUT THE COLLEGE

K.S.R. College of Engineering (Autonomous) was established in the year 2001 by the Aarthi Educational and Charitable Trust, approved by AICTE and affiliated to Anna University. This college is an ISO 9001 – 2000(E) certified and NBA Accredited Institution. College offers seven B.E/B.Tech. Degree programmes, MCA, MBA & seven M.E programmes.

The college has completed seventeen years of dedicated service in the field of Technical Education with avowed mission to scrupulously make expert and ethical technocrats committed to bringing about creative advancements for a better world.

#### ABOUT THE DEPARTMENT

Department of Computer Science and Engineering was started in the year 2001 initially with B.E Programme. With the increasing demand in Computer Science and Engineering, M.E programme was started in the year 2007 and M.E (Multimedia Technology) was started in the year 2012. The department is recognized to offer the research programme for Ph.D under Anna University. The department aims at developing intellectually alert, scientifically progressive, globally competent and dynamic young IT professionals. The students are transformed into technically qualified & employable.

#### ABOUT THE LOCATION

The college is located on the Erode-Tiruchengode State Highway at a distance of 8 km from Tiruchengode, 12km from Erode railway junction and 112 km away from Coimbatore airport. The College is constructed in a sprawling campus of about 350 acres. among the 16 K.S.R. Group of Institutions. The college has excellent Infra-structure, well equipped laboratories. digital library with online subscription to reputed international journals and employing highly qualified experienced faculty members to impart value based education .The college has organized number of seminars, workshops, faculty development programme and conferences...

#### **PUBLICATION PARTNERS**

All the selected papers in this conference (RTICCT'18) will be published in a below mentioned journals without any publication fee

The paper will be published in any one of the journal: The decision will be made by the Technical Committee of RTICCT'18.

> Free Publication of All Paper





#### ORGANIZING COMMITTEE

#### **Chief Patrons:**

Lion. Dr.K.S.Rangasamy, MJF

Founder - Chairman, K.S.R. Educational Institutions

Thiru.R.Srinivasan, B.B.M., M.I.S.T.E.,

Vice Chairman, K.S.R. Educational Institutions

#### Patron:

Dr.P.Senthil Kumar

Principal, K.S.R.College of Engineering

#### Convener

Dr. A. Rajivkannan

Professor & Head, Dept. of CSE.,

Dr. N.S. Nithva

Asso. Prof. / CSE

#### Coordinators

Dr. T. Poongothai Asso. Prof. / CSE Dr. E. Baby Anitha Asst. Prof. / CSE Dr. M. Prakash Asst. Prof. / CSE Mrs. G.S. Rizwana Banu Asst. Prof. / CSE Mr. S. Vadivel Asst. Prof. / CSE

#### **Committee Members**

Faculty Members of Department of Computer Science and Engineering, K.S.R College of Engineering.

#### **Technical Committee Members**

Dr. Sattar J Aboud, Professor, Information Technology, Baghdad-Iraq.

Dr. Xavier N. Fernando, Dept. of Electrical and Computer Eng., Ryerson University, Canada.

Dr. Alaa Hussein Al-Hamami, Professor & Dean, Amman Arab University, Jordan.

Dr. M. Hanumanthappa, Professor & IT Director, Dept. of Computer Science and Engineering

Bangalore University, Bangalore.

Dr.Dilip Mali, Associate Professor, Department of Electrical and Computer Engineering, Ethiopian Institute of Technology (EiT-M), Ethiopia.

Dr.S. Valli, ASP / CSE, Anna University, Chennai

Dr. A. Kannan, ASP / CSE, Anna University, Chennai

Dr.R. Rajalaxini, Prof. /CSE, KEC, Perundurai Dr.N.Shanthi, Prof. / CSE, KEC, Perundurai

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## K.S.R. COLLEGE OF ENGINEERING

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## Department of Computer Science and Engineering

in association with

### Tamilnadu College Events.in

Cordially invites you to the

National Conference on

# Recent Trends in Information, Communication and Computing Techniques - RTICCT'18

7<sup>th</sup> April, 2018

(a)

MCA Conference Hall, 09.30 a.m.

## Lion. Dr. K.S.Rangasamy, MJF

Founder & Chairman, K.S.R. Educational Institutions

#### Thiru. R.Srinivasan

Chairman & Managing Trustee, Aarthi Educational and Charitable Trust

#### Dr. P.Senthilkumar

Principal, K.S.R. College of Engineering

Dr. A.RajivKannan

Professor & Head – CSE, K.S.R. College of Engineering

\*\*\* ALL ARE INVITED \*\*\*\*

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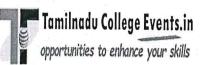
## K.S.R. COLLEGE OF ENGINEERING

(Autonomous) Tiruchengode – 637 215



# Department of Computer Science and Engineering

in association with



## Tamilnadu College Events.in

#### **Organizing**

National Conference on <u>Recent Trends in Information, Communication and</u> <u>Computing Technologies (NC-RTICCT'18)</u>

#### **TECHNICAL REPORT**

On behalf of Computer Science and Engineering department, K.S.R College of Engineering, we wish to express our sincere thanks to Tamilnadu College Events.in, for organizing the National Conference on Recent Trends in Information, Communication and Computing Technologies (NC-RTICCT'18) held on 07-04-2018. With the help of such kind of conference programs, we can enhance the technical knowledge of students. This conference aims to provide opportunities to faculty members, to enrich their technical knowledge and research in the field of computation techniques.

The seminar was started with inaugural function and inaugural address was delivered by Dean Dr.N.Shanthi from Kongu Engineering College, Perundurai in the presence of Dr.P.Senthilkumar, Principal, Dean, Directors, Head of various departments and Faculty members. The session was started after inaugural function and each session were guided by well qualified and experienced faculty members of other and also our institution. Participants came from various educational institutions and delivered their presentation well in the aspects of Information, Communication and Computing Technologies on 07-04-2018. Participants shared their rich and varied experiences in the field of computation methods among them. At the end of this conference, certificates were issued to the participants during valedictory function.

As the outcome of this conference, all the technical sessions were very much informative to the participants. The discussed topics were great benefit for the participants as they are doing research in this field. Department of Computer Science and Engineering is proud to organize this conference in successful way and thanks for giving opportunity to Tamilnadu College Events.in.

Co-ordinator

Dr A. RAJIV KANNAN, M.E. Ph.D.

Professor and Head
Department of Computer Science and Engineering
K.S.R. College of Engineering (Autonomous)
Tiruchengode - 637 215, Namakkal (Dt.)

Principal

TIRUCHENGODE 637 215

# National Conference on "Recent trends in Information, Communication and Computing Techniques" (RTICCT'18)

### Keynote Speaker/Resource Person

Dr. M. Prakash Associate Professor

Mail id: prakashm2@srmist.edu.in

Area: Data Analytics, Machine Learning, Cloud Computing, Information Security

Mr. S. Kaliraj Assistant Professor (O.G)

Email ID :kaliraj.sh@ktr.srmuniv.ac.in

Area or Subject: Software Engineering, Object Oriented Programming, Web

Technologies

#### **Session Chairs:**

Name	Designation	Organisation	
Mrs. G.S. RizwanaBanu	Assistant Professor	K.S.R College Of Engineering, Tiruchengode.	
Dr. E. Baby Anitha	Associate Professor	K.S.R College Of Engineering, Tiruchengode.	
Dr. T. Poongothai	Professor	K.S.R College Of Engineering, Tiruchengode.	

Co-ordinator

Dr A. RAJIV KANNAN, M.E. Ph.D. Professor and Head
Department of Computer Science and Engineering

K.S.R. College of Engineering (Autonomous) Tiruchengode - 637 215, Namakkal (Dt.)

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## ational Conference on Recent Trends in Information, Communication and Computing Technologies - RTICCT'18 KSR COLLEGE OF ENGINEERING - TIRUCHENGODE, TAMILNADU, INDIA Tamilnadu College Events.in

APRIL 07 - 2018

#### TIME: 09.00 AM - 12.30 PM

	Branch de la D	ate: 07, APRIL 2018	Venue : CSE LAB : 1
S.NO	Paper Id	Name of Author	College Name
1	150	S.Sangeetha T.Shanthi Priya	Alagappa Chettiar Government College of Engineering and Technology, Karaikudi
. 2	152	K.Arivazhagi T.K.Shanthi	Alagappa Chettiar Government College of Engineering and Technology, Karaikudi
3	153	L.JENIPHAR C.MAHENDRAN	Alagappa Chettiar Government College of Engineering and Technology, Karaikudi
4	154	B.SURIYA S.SELVABHARATHI	Alagappa Chettiar Government College of Engineering and Technology, Karaikudi
5	155	D.Arthi, S.Selvabharathi, A.Sivanantha Raja	Alagappa Chettiar Government College of Engineering and Technology, Karaikudi
6	157	Raichal G. Shangamithra S. Sinthiya R. Karthikeyini C.K.	KPR Institute of Engineering And Technology, Arasur, Coimbatore
7,	166	M.Selvah R.Saranya	M.Kumarasamy College of Engineering
8	167	Mr. D.Santhosh kumar A.Nirmala T.Umamaheswari S.Vinuppriya ,Anju K Elias	Vivekanandha College of Engineering for Women
9	168	Ms.K.J.Subha M.Abinasri C.Anu Jothi Divya V.S.Chithanya M.Hari Shanmuga Priya	Hindusthan Institute of Technology
10	101	Ashok kumar Harish Manojkumar Saravanan	Selvam College of Technology Namakkal
11	113	K.Keerthika G.Manikandan J.Sagayaraja S.Vinoth	Selvam College of Technology Namakkal

Co-ordinator

DE A RAINEKANNAN ME P

Professor and head Der in ment of Computer Science and Engile K.S.R College of Engineering (Autonomous, Tiruchengode - 637 215, Namakkal (Dt.)

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12	129	R. Suganthi K.Tharani priya	Vivekanandha College of Engineering for Women Tiruchengode
13	169	C.Oviya	Vivekanandha College of Engineering for Women, Tiruchengode
14	180	B. V. S. Bharghava	Kalasalingam Academy of Research and Education, Krishnankoil
445	407	R. Ashok Kumar M. Sasidharan	
115	197	R. Sudharsan T. Ranjith kumar R. Santhosh kumar	V.S.B Engineering College, Karur
16	203	Dhanalakshmi M Divya M Hemamalini S	V.S.B Engineering College, Karur
17	72	Banumathi K Bharathi B Daisy Deva Priya S Gogulalakshmi P	VSB ENGINEERING COLLEGE
18	172	Rajansethupathi K Sathiskumar M Ramkumar M	Sree Sowdambika College of Engineering
19	202	Dr.C.Geethapriya M.Abinayapriya,C. Gayathri,G. Alamelumangai,G. SherylLydia	KamarajCollegeof EngineeringandTechnology,Virudhunagar
20	117	NARAYANAN.C MONISHA.M MUHILARASI.A POORNIMA.M THAWLATHMARIYAM	DHANALAKSHMISRINIVASANENGINEERINGCO LLEGE,PERAMBALUR
100 X 11 11 11 11 11 11 11 11 11 11 11 11 1	, de	Pradeepa S Sathya S	DHANALAKSHMISRINIVASANENGINEERINGCO
21	134	Vaishali M Ashmitha B Hemalatha Karnan	LLEGE,PERAMBALUR
22	106	L. Vasantha priya B.parkavi v.Pragathi A.Preethi	DHANALAKSHMISRINIVASANENGINEERINGCO LLEGE,PERAMBALUR

Co-ordinator-

HoD

Dr. A. RAJIV KANNAN, M.E., Ph.D.,
Professor and Head

De: Adment of Computer Science and Engineering
K.S.R. College of Engineering (Autonomous)
Tiruchengode - 637 215, Namakkal (Dt.)

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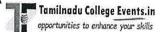
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SINEES

# National Conference on Recent Trends in Information, Communication and Computing Technologies - RTICCT'18 KSR COLLEGE OF ENGINEERING - TIRUCHENGODE, TAMILNADU, INDIA

APRIL 07 - 2018

TIME: 09.00 AM - 12.30 PM



Date : 07, APRIL 2018			Venue : CSE LAB : 2
S.NO	Paper Id	Name of Author	College Name
1	43	Subramanian R	PSNACET
		Suba Sundaram	K.S.R College of Engineering
2	45	Tamilselvan Amirthalingam	K.S.R. College of Engineering
		Vigensh Dhanasekaran	K.S.R College og Engineering
		Sanjanasri Chandrasekaran	K. S. R College of Engineering
	0 5	Tamilselvi Arumugam	K. S. R College of Engineering
3	47	Prakasam Sivakumar	K. S. R College of Engineering
4.	3	Sachin Xavier Jacob	K. S. R College of Enginnering
. 1	1 7/8	Poornima P	VSB ENGINEERING COLLEGE
-		Monica P R	VSB ENGINEERING COLLEGE
4	51	Nandhini P	VSB ENGINEERING COLLEGE
		Pradeepa S	VSB ENGINEERING COLLEGE
	- 1	Nithya R	VSB ENGINEERING COLLEGE
5	53	Pradeepa N	SNS College of Technology
6	54	Murugesan R	Paavai College of Engineering
7	50	Adithya Murali V V	Dhanalakshmi srinivasan engineering collage,perambalur
	56	Ajmal Rasheed	Dhanalakshmi srinivasan engineering collage,perambalur
8	59	Jibin Mt	Dhanalakshmisrinivasan engineering college, perambalur
9	66	Praveen Kumar G	KSR College Of Engineering
10	60	Gowtham Dhandapani	V.S.B. ENGINEERING COLLEGE
10	68	Dhayabarani Murthy	V.S.B. ENGINEERING COLLEGE
	1	Nagalakshmi Sakthivel	N.S.N College of Engineering and Technology
11	69	Abinaya Elangovan	N.S.N College of Engineering and Technology
		Revathi Kakkan	N.S.N College of Engineering and Technology
	;	Aravindh K	V.S.B. ENGINEERING COLLEGE
12	70	Dhayabarani R	V.S.B. ENGINEERING COLLEGE

Co-ordinator

Dr. A. RAJIV KANNAN, M.E., Ph.D.,

Professor and Head Department of Computer Science and Engineering K.S.R. College of Engineering (Autonomous) Tiruchengode - 637 215, Namakkal (Dt.)

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a 16 "		Mrs Kalaipriya.O.Saravanan	saveetha engineering college
13	37	Soundarya R	saveetha engineering college
,		Soundharya Pk	saveetha engineering college
		Sofia S	saveetha engineering college
	1	Mr M. Ramesh	
14	112	S. Maheshwari, S. Swetha, S. Umanath	Excel Engineering College
15	136	J.Gowthami Dr.N.Shanthi,	Kongu Engineering college,
16	137	R.C. Suganthi R.K Jayauthmigha	Kongu Engineering college,
		R. Sivaranjani,	Alagappa Chettiar Government College of
17	149	A. Sivanantha Raja D. Shanmuga sundar	Engineering and Technology, Karaikudi Madanapalle Institute of Technology and Science, Madanapalle
	ж о	M.MERCY ANITHA	additapano
18	184	N. ARAVINDAN N. HEMADEVI	Alagappa Chettiar Government College of Engineering & Technology, Karaikudi

NS. Nill Co-ordinator

HoD

Dr. A. RAJIV KANNAN, M.E., Ph.D.,
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# National Conference on Recent Trends in Information, Communication and Computing Technologies - RTICCT'18 KSR COLLEGE OF ENGINEERING - TIRUCHENGODE, TAMILNADU, INDIA Tamilnadu College Events.in

APRIL 07 - 2018

TIME : 09.00 AM - 12.30 PM

	Da	te : 07, APRIL 2018	Venue : TRAINING HALL - 1
S.NO	Name of Author	Paper Title	Email
1	2	Umesh Prabhu	St.Joseph's College of Engineering
2		Rohit Pendyala	SRM IST, CHENNAI
2	7	Siddesh Ts	SRM IST, CHENNAI
		Prathip S	SRM IST, CHENNAI
_		Mageshwaran S.	Erode Sengunthar Engineering College
3	8	Durai Arumugam S.S.L	Erode Sengunthar Engineering College
		Sathya S	Sri Shakthi Institute of Engineering and Technology
4	13	Dhivya R	Sri Shakthi Institute of Engineering and Technology
		Dhanapal R	Sri Shakthi Institute of Engineering and Technology
5	14	Divya K	Vivekanadha Institute of Engineering and Technology for Women
6	20	Kumutha Srikanth	Paavai College of Engineering
		Gayathri Devi N	Paavai College of Engineering
		Gowrishankari Padmanathan	K.S. RANGASAMY COLLEGE OF TECHNOLOGY
7	23	Cauveryraja Sadhasivam	K.S. RANGASAMY COLLEGE OF TECHNOLOGY
		Mohamed Abdul Ishaq Mohamed Saleem	K.S.RANGASAMY COLLEGE OF TECHNOLOGY
8	26	Jayandhi K	VIVEKANANDHA INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN
9	27	Sivakumar Karuppan	JCT College of Engineering and Technology
10	29	Udhayakumar S	Joseph Arts and Science college
11	30	Vanitha R	care group of institutions
12	31	Nathiya N	PAAVAI COLLEGE OF ENGINEERING
13	32	Pradeep K	KSR COLLEGE OF ENGINEERING

Co-ordinator

Dr A. RAJIV KANNAN, M.E., Ph.D., Professor and Head Department of Computer Science and Engineering

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14	33	Sasirekha P	M.Kumarasamy College of Engineering	
-		Saranya A	M.Kumarasamy College of Engineering	
15	38	Sathyamurthy V	Thiyagarajar College of Engineering, Madurai	
- 1	39	Sarulatha Rajendran	KSR COLLEGE OF ENGINEERING	
16		Malathi Kandhasamy	KSR COLLEGE OF ENGINEERING	
10		Sivasankaran Sakthivel	KSR COLLEGE OF ENGINEERING	
		Satheeshwaran Balasubramani	KSR COLLEGE OF ENGINEERING	
	42	Govendhan S	Govendhan S	V.S.B Engineering College, Karur
17		Crane S	V.S.B Engineering College, Karur	
1/		Balaaji M	V.S.B Engineering College, Karur	
		Poornima P	V.S.B Engineering College, Karur	

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Tiruchengode - 637 215, Namakkal (Dt.)



# National Conference on Recent Trends in Information, Communication and Computing Technologies (NC-RTICCT'18)





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