

# **Toc H Institute of Science & Technology, Arakunnam**

## **Department of Computer Science & Engineering**

### **Publications on 2016-17**

#### **Publications by Faculty 2016-17**

- **Jesna Anver** published a paper titled *"Single Image Super-Resolution using Kernel Recursive Least Squares"* in Springer – Single Image and Video Processing, Vol 10 No. 8, PP 1551-1558, Nov 2016.
- **Jesna Anver** presented a paper on *"Image Super Resolution using Approximate Linear Dependence- Kernel Recursive Least Square"* at First International Conference on Recent Innovations in Engineering and Technology, Hyderabad on 22<sup>nd</sup> and 23<sup>rd</sup> December 2016.
- **Panchami V** published a paper *"A Fast Color Based Non linear 8 bit Pseudo-Random Number Generator Enabling Diffusion for Lightweight Cryptographic Applications"* in the International Journal of Control Theory and Applications May 2016 Vol.8 Issue 5 1817-1822
- **Panchami V** published a paper *"Wi-Fi Assisted Communication Networks (WACN)- A Novel and Independent Solution for Communication over Challenged Networks"* in the International Journal of Innovation and Scientific Research June 2016 Vol.25 Issue 1 ISSN: 2351-8014

#### **Publications by Students 2016-17**

- **Yadev Jayachandran** of S1 CSE (2016-'20 batch) presented a paper *"MSF Meterpreter Payload attacks: towards android Vulnerability and losing Whatsapp accounts"* at KETCON 2017 organized by KTU and Kerala State Council for Science Technology and Environment, held at MA College Kothamangalam on 13<sup>th</sup> and 14<sup>th</sup> January 2017.
- **Arathi P Menon, Ria Elizabeth Joe and Thara Jose** of S1 CSE (2016-'20 batch) presented a paper *'Micro Hydel Project at Dam Toe'*, in the National Level Paper Presentation Contest 'MAKE IN INDIA', led by Project Council and the Department of Industrial Policy and Promotion (DIPP), Ministry of Commerce and Industry, Government of India, held at Sathyabama University Chennai on 11<sup>th</sup> November 2016.
- **Akshay K, Geo Kevin Rubison and Josbin Simon** (2013-'17 batch) presented a paper titled *"Developing Library Automation Package In-house"* in the National Conference LISDA 2016, Innovative Library Services in Digital Age, conducted on 1<sup>st</sup> and 2<sup>nd</sup> July 2016 at Toc H Institute of Science and Technology, Arakkunnam.
- **Steffy Livera** of M.Tech 2015-'17 batch presented a paper *"Extended Vignere Cipher using ASCII values to enhance Security in Libraries"* in the National Conference, LISDA 2016, Innovative Library Services in Digital Age, conducted on 1<sup>st</sup> and 2<sup>nd</sup> July 2016 at Toc H Institute of Science and Technology, Arakkunnam.

#### **By M. Tech Students (2015-'17 batch)**

Presented at the **Springer International Conference on Soft Computing Systems** organized by the Department of Electrical and Electronics Engineering, Noorul Islam University, Tamilnadu held on 19<sup>th</sup> February 2016

- Ebin Raju – “A Fast Color Based Non Linear 8 Bit Pseudo Random Number Generator Enabling Diffusion for Light Weight Cryptographic Applications”