



## **Kartar Singh Siddharth**

Assistant Professor

(Pay scale: 15600-39100 with AGP 6000)

Department of Computer Science and Engineering

Govt. College of Engineering & Technology, Bikaner

Email: [kssiddharth@cet-gov.ac.in](mailto:kssiddharth@cet-gov.ac.in)

Mo. +91-9680197544

### **Additional Charges:**

1). Website Manager 2). Nodal Officer Scholarship

## **ACADEMIC PROFILE:**

<b>Course/Degree</b>	<b>Institute</b>	<b>Board/University</b>	<b>Year of Passing</b>
M.Tech. (CSE)	Dr B R Ambedkar National Institute of Technology, Jalandhar	Dr B R Ambedkar NIT, Jalandhar (Deemed University)	2011
B.E. (CSE)	Govt. Engineering College, Bikaner	University of Rajasthan, Jaipur	2009
Intermediate (10+2)	Govt. Maharaja Badan Singh Sr. Sec. School, Bharatpur	Board of Secondary Education, Rajasthan (BOSER), Ajmer	2005
Matriculation (10 <sup>th</sup> )	Govt. Secondary School, Aghapur	Board of Secondary Education, Rajasthan (BOSER), Ajmer	2003

## **PROFESSIONAL SKILL SETS:**

Presently working as assistant Professor in Computer Science Department in Govt. College of Engineering & Technology, Bikaner since 30<sup>th</sup> January 2013.

### **Experience:**

1. Worked as assistant professor in Shri Bhawani Niketan Institute of Technology & Management during July 2012 to January 2013.
2. Worked as Guest faculty in MNIT Jaipur for one semester during January to May 2012.

**M.Tech. Thesis:** “Handwritten Gurmukhi character recognition”, a research work in the area of pattern recognition under the supervision of Dr Renu Dhir and Mrs Rajneesh Rani, was awarded ‘A’ grade.

### **Publications:**

1. **Kartar Singh Siddharth**, Renu Dhir, Rajneesh Rani, “Handwritten Gurumukhi character recognition using zoning density and background directional distribution features”, *International Journal of Computer Science and Information Technologies*, Vol 2, Issue 3, pp. 1036-1041, May 2011

2. Mahesh Jangid, **Kartar Singh**, Renu Dhir, Rajneesh Rani, “Performance Comparison of Handwritten Devnagari Numerals”, *International Journal of Computer Applications*, Volume 22, No. 1, pp. 1-6, May 2011
3. **Kartar Singh Siddharth**, Mahesh Jangid, Renu Dhir, Rajneesh Rani, “Handwritten Gurmukhi character recognition using statistical and background directional distribution features”, *International Journal on Computer Science and Engineering*, Volume 3, Issue 6, pp. 2332-2345, June 2011
4. **Kartar Singh Siddharth**, Renu Dhir, Rajneesh Rani, “Handwritten Gurmukhi Numeral Recognition using Different Feature Sets”, *International Journal of Computer Applications*, Volume 28, No. 2, pp. 20-24, August 2011
5. **Kartar Singh Siddharth**, Mahesh Jangid, Renu Dhir, Rajneesh Rani, “SVM Classifier for Recognition of Handwritten Devanagari Numeral”, *Proc. of International Conference on Image Information Processing (ICIIP 2011)*, pp. 1-5, 3-5 Nov. 2011
6. **Kartar Singh Siddharth**, Renu Dhir, Rajneesh Rani, “Comparative Analysis of Handwritten Gurmukhi Numeral Recognition using Different Feature Sets and Classifiers”, *IJCA Proceedings of International Conference on Recent Advances and Future Trends in Information Technology (iRAFIT)*, pp. iRAFIT(5):1-5, April 2012

#### **Participation in short term courses**

Name of the Courses	Place & Sponsored by	Dates
<b>Induction Training programme through ICT</b>	<b>GCET, Bikaner</b> <b>Sponsored by:</b> <b>NITTTR Chandigarh</b>	<b>21.05.2013 to</b> <b>25.05.2013</b>
<b>Instructional Planning and Delivery</b> <b>(Induction Training Programme) through ICT</b>	<b>GCET, Bikaner</b> <b>Sponsored by:</b> <b>NITTTR Chandigarh</b>	<b>05.01.2015 to</b> <b>09.01.2015</b>
<b>Instructional Planning and Delivery</b> <b>(Module II- Instructional Delivery) through ICT</b>	<b>GCET, Bikaner</b> <b>Sponsored by:</b> <b>NITTTR Chandigarh</b>	<b>19.01.2015 to</b> <b>23.01.2015</b>

#### **Project and Thesis (Dissertation) Supervision**

Supervising projects of B.Tech. Final year students of CSE Branch as per academic curriculum.

**Participated in a FDP on “Linux Training & Server Setup” using CentOS 6.5 at CEG Jaipur from 24.08.2015 to 28.08.2015 with sponsorship of TEQIP.**