GURU NANAK DEV UNIVERSITY REGIONAL CAMPUS, SATHIALA

INTRODUCTION

CIVIL ENGINEERING

The Department of Civil Engineering is excellently suited to meet the ever changing requirements of engineers with courses that combine the study of management, business skills and computers with engineering. It is the branch with lot of diversity right from structural to transportation engineering, environmental to hydrology to hydraulics engineering, geology to geo-technology to earthquake engineering. The Department ensures not only that the courses are updated, but also that they reflect the current needs of commerce, industry and the society as a whole. The faculty of the department continues to strive loftier by exploring new frontiers of knowledge, imparting the latest technical knowledge to the students.

COMPUTER SCIENCE & ENGINEERING

The Department of Computer Science & Engineering established in the year 2011. Department imparts education in fields of working of computer systems, how they are assembled, designed, programmed, programming techniques, database management systems, microprocessor, operating system and other application softwares.

ELECTRONICS & COMMUNICATION

The Department was established in July, 2011 with 120 seats in under graduate course (B.Tech.). The department imparts quality education, training & field studies with emphasis on design aspects of electronics systems. Laboratories are equipped with the most advanced equipments.

MECHANICAL ENGINEERING

The Department of Mechanical Engineering has been started in July, 2014 for a 4-year full time undergraduate course B.Tech. Mechanical Engineering with an annual intake of 60 students. The aim of the department is to impart excellent subject knowledge and technical expertise (citing various case studies, technical trainings and industrial visits) to the students belonging to the rural area. The Department recognizes that students have a wide variety of career objectives. Some students may intend to enter industry directly as trainee engineers, or some of them continue studies towards Master's and PhD programs. The programme has been specially tailored to meet the growing global requirements and focuses on upcoming manufacturing systems with a rigorous emphasis on automation and quality control.

UNIVERSITY BUSINESS SCHOOL

The University Business School was established in year 2011. The main objective of the MBA program is to equip the students with requisite knowledge and skills to meet the challenges of new order. The emphasis is to develop professional managers for corporate sector, who will fasten the nation towards a more prosperous, just and humane society .The program is backed by very good faculty and highly academic infrastructure .The learning environment and extracurricular activities foster the development of holistic personality. Students are motivated to participate in various activities like mock test, group discussions, seminars and workshops to improve soft skills and enrich their personalities.

FACULTY

CIVIL ENGINEERING

Incharge : M.P. Singh, Ph.D. (Assistant Professor)

COMPUTER SCIENCE & ENGINEERING

Incharge: Sandeep Kaur, M.Tech. (Assistant Professor)

Assistant Professors: Hardeep Singh, M.Tech.; Satveer Kaur, M.Tech. Satinder Kaur, M.Tech.

ELECTRONICS & COMMUNICATION ENGINEERING

Incharge: Jaipreet Kaur, M.Tech. (Assistant Professor)

Assistant Professors: Sukhdeep Kaur, M.Tech.; Manjit Sandhu, M.Tech.

MECHANICAL ENGINEERING

Incharge: Sukhjeet Singh, Ph.D. (Assistant Professor)

PAPERS PUBLISHED IN PEER REVIEWED JOURNALS

COMPUTER SCIENCE & ENGINEERING

1. Kaur S, Bagga Simmi, Singh H (2016),Towards Incorporating Process Execution Models In Information Systems, International Journal of Engineering Science Invention Research & Development; Vol. II Issue X, www.ijesird.com e-ISSN: 2349-6185

2. Kaur S, Bagga Simmi, Singh H (2016), Cloud Computing Era: A Boon or BaneI Journals: International Journal of Software & Hardware Research in Engineering, Vol. 4, Issue 3, ISSN-2347-4890.

3. Bagga Simmi, Kaur S (2016), Ethics in Knowledge Discovery consisting Large Databases, International Journal of Advanced Engineering Research and Applications,Vol. 1, Issue 9, ISSN: 2454-2377.

4. Kaur S, Bagga Simmi, Singh H (2016), Critical issues in Cloud Computing services & its Solutions, International Journal of Emerging Technologies in Engineering Research (IJETER),Vol. 4, Issue 3, www.ijeter.everscience.org, ISSN: 2454-6410.

5. Bagga Simmi, Kaur S (2016), Six Sense Technologies: Multi-technology & Multi-application Era, International Journal of Advanced and Innovative Research, Vol. 5 Issue 4, ISSN: (2278-7844).

6. Kaur S, Bagga Simmi (2016), Strategies for Achieving Unification in Developing Information Systems, International Journal of Emerging Technologies in Engineering Research, Vol. 4, Issue 5, www.ijeter.everscience.org, ISSN: 2454-6410.

7. Bagga Simmi, Kaur S (2016), Ethos of Web Usage Mining: A Survey, International Journal of Advanced Engineering Research and Applications, Vol. 2, Issue 1, ISSN: 2454-2377.

8. Kaur S, Bagga Simmi (2016), Conceptual Model for Healthcare Information Systems based on IOT & Cloud Service, International Journal of Emerging Technologies in Engineering Research (IJETER) Vol. 4, Issue 6, www.ijeter.everscience.org, ISSN: 2454-6410.

9. Kaur S, Bagga Simmi (2016), Towards Configuring Information Systems for managing Collaborative Projects, Global Journal of Advanced Engineering Technologies and Sciences, Vol. 3, Issue 6, ISSN: 2349-0292.

10. Kaur S, Nidhi (2016), Android Test Automation Framework based on Robotium, Global Journal of Advanced Engineering Technologies and Sciences, Vol. 3, Issue 6, ISSN: 2349-0292.

11. Kaur S, Bagga Simmi (2016), A New Paradigm in Teaching & Learning Based on Big Data and Cognitive Computing Systems, Global Journal of Advanced Engineering Technologies and Sciences, Vol. 3 Issue 6, ISSN: 2349-0292.

12. Bagga Simmi, Kaur S (2016), Overview of Pipelining Computing, International Journal of Advanced and Innovative Research, Vol. 5 Issue 6, ISSN: (2278-7844).

13. Kaur S, Beri R, Singh S (2016), A survey on Mobile Ad Hoc Network (MANET), International Journal for Scientific Research & Development (IJSRD), Vol. 4, Issue 7, ISSN:23210613.

14. Kaur S, Beri R, Singh S (2016), Cloud adoption in enterprise International Journal of Scientific & engineering Research, volume 7, Issue 9, ISSN:2229-5518.

15. K Sandeep, Tanisha (2016), Cloud Computing In a more general Scope, Global Journal of advanced Engineering Technologies & Sciences, Vol. 3 Issue 10, ISSN: 2349-0292.

16. Kaur S, Ubhi J (2016), Performance Analysis of Dsdv Routing Protocol Under Cmm in Mobile Ad- Hoc Networks, Global Journal of Advanced Engineering Technologies and Sciences, Vol. 3, Issue 5, ISSN: 2349-0292.

ATTENDED WORKSHOPS/SEMINARS/SYMPOSIA/ ORIENTATION COURSES/REFRESHER COURSES

COMPUTER SCIENCE & ENGINEERING

1. GOC-97 attended by Satveer Kaur.

2. GOC-98 attended by Hardeep Singh.

ELECTRONICS & COMMUNICATION ENGINEERING

3. One Short term course entitled 'Hands on MATLAB' attended by Jaipreet Kaur at NITTTR Chandigarh.

4. One Short term course entitled 'E-Commerce' attended by Manjit Sandhu at Guru Nanak Dev University Regional Campus, Jalandhar sponsored by NITTTR Chandigarh.

5. Orientation Course entitled 'GOC-119' attended by Jaipreet Kaur at HRDC Himachal Pradesh University, Shimla sponsored by UGC.