**Title: CS 490: Emerging Technologies in Computer Science (1-3 credits) Fall 2017**

**No prerequisites** Lecture crn is 21954, lab crn is 21987.

interested students add using a form 23 with my signature

Lectures: Wednesday 12:30-1:20, Room Lawson B 134, Time and room can be adjusted to meet all student’s needs.

Computer Laboratory: Fridays 1:30-2:20 Lawson B 131 ( Not required to be a specific time)

Teaching Assistant: Khalid Hilal ([khilal@purdue.edu](mailto:khilal@purdue.edu), 765-413-7793)

**Register for three credit as CS 49000CS ( Options for one and two credit courses can be created)**

**Prof. Bharat Bhargava, bbshail@purdue.edu , 765-413-7312 cell**

[**https://www.cs.purdue.edu/people/faculty/bb/**](https://www.cs.purdue.edu/people/faculty/bb/)

Everyone in Purdue can learn the main ideas in Computer Science.

Students meet for a one hour seminar every week for one semester where main ideas and emerging technologies of CS will be presented. Lectures will be supplemented with a laboratory that can teach some tools or demonstrate CS principles. Topics includes: Programming, computer architecture, security, networking, databases, Mobile computing, big data, cloud, data mining, etc. We can include more topics that are of interest.

Faculty member will give a seminar appropriate for a non CS student.

Outside speakers (distinguished speakers /colloquia speakers to CS/ECE department) will be invited who can present their very best ideas and inspire. Students will submit a report (5-7 pages summarizing the ideas from lectures on a topic of their interest) and present them in Class for credit.

I invite all students in other departments of Science, all colleges in Purdue to come and learn technology developments. Public is invited to attend or audit the course.