



ACS COLLEGE OF ENGINEERING

Kambipura, Mysore Road, Bengaluru – 560074,
Department of Computer Science & Engineering



Under the banner of
CSI - Student Chapter

Organizing Expert Seminar on “Bigdata Analytics”

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Mrs. Sunita Chalageri, Asst. Prof, CSE

Student coordinator

Shwetha A VIII sem CSE (1AH14CS032)
Likhith VI sem CSE (1AH15CS025)

*Invitation
For*

**Technical Seminar
On**

“Bigdata Analytics”

Resource Person:

Prof. Dr. Gurudeep S. Hura
Chair, Dept. of Mathematics and
Computer Science,
University of Maryland
Esternshore,
Maryland, USA

**8th February, 2018 @
10:45am**

Venue: Seminar Hall-1

**Open to all CSE, 6th sem ECE students,
and staff**

WORLD COMP '14

July 21-24 | Las Vegas, Nevada, USA

The 2014 World Congress in Computer Science Computer Engineering and Applied Computing

WORLD COMP '14 Tutorial: Prof. Gurdeep Singh Hura



Accreditation Board of Engineering and Technology (ABET) accreditation of Computer Science Program
Prof. Gurdeep Singh Hura

Fellow, Society for Design and Process Science; Senior Member, IEEE

CACABET Program evaluator

Chair, Department of Mathematics and Computer Science

University of Maryland Eastern Shore, Maryland, USA

Member of Editorial Board: *Computer Communications* (Elsevier)

International Journal of Electronics and Reliability, and *International Journal of Computation in Intelligence and Bioinformatics*

Regional Editor of *Journal of Integrated design and Process control (SDPS)*.

Date: July 21, 2014 - 6:00pm

Location: Gold Room

Abstract

Accreditation is an assurance that the professionals who serve us have a solid educational foundation and are capable of leading the way in innovation, emerging technologies, and in anticipating the welfare and safety needs of the public. Accreditation provides an opportunity for academic institutions to demonstrate they are committed to maintaining their programs' quality and that their programs are performing at the level required by the professions they serve. Programs undergo periodic accreditation to ensure that they continue to meet quality standards set by the profession. The result provides lasting benefits to students, the institution, employers, the professions, and society as a whole.

Students who graduate from accredited programs have access to enhanced opportunities in employment; licensure, registration and certification; graduate education and global mobility.

Accreditation Board of Engineering and Technology (ABET) enables academic institutions to demonstrate to the public that they are serious about advancing the quality of their programs. It is recognition by the technical professions that these programs are preparing students well, and it encourages "best practices" in education through formal, continuous quality improvement (CQI) processes. When a program becomes ABET-accredited, it means that it i) has received international recognition of its quality, ii) promotes "best practices" in education, iii) directly involves faculty and staff in self-assessment and continuous quality improvement processes, iv) is based on "learning outcomes," rather than "teaching inputs" and v) can more easily determine the acceptability of transfer credits.

ABET is an integral part of each of these areas because we accredit over 3,100 applied science, computing, engineering, and engineering technology programs at more than 670 colleges and universities in 24 countries worldwide. Approximately 85,000 students graduate from ABET-accredited programs each year.

In the United States, program accreditation is voluntary. Many institutions choose ABET accreditation for their programs because it offers many benefits, such as peer-review, recognition of the program's commitment to quality, and insights from the professionals who review the programs.

Objectives

In this workshop, various criteria for the accreditation, assessment, students learning outcomes and other needed knowledge for self-study report will be discussed via a number of case studies to gain hands-on experience.

Intended Audience

Faculty members of Computer Science Program, chairpersons and deans of college of engineering, computer sciences

The following topics will be covered in the workshop:

- Introduction
- Criteria
- Self Study
- Visit Preparation and Conduct
- Exit Meeting

- Visit Forms
- Draft Statement
- Final Statement
- Wrap Up

Biography of Instructors

Dr. Gurdeep S. Hura received his B. E. (B. S.) in Electronics and Tele-Communication Engineering from Government Engineering College, Jabalpur University (India) in 1972, M. E. (M.S.) in Controls and Guidance Systems from University of Roorkee (India) in 1975 and Ph.D. from University of Roorkee (India) in 1984, respectively. His Ph.D. Dissertation was on "On the Petri nets analysis and some design aspects of Software Systems". He received Khosla award for his best dissertation.

He joined the faculty of Regional Engineering College, Kurukshetra (India) in 1974 as a Lecturer and was promoted to the rank of Assistant Professor in 1983. He held a Post Doctoral Fellowship in the Department of Computer Science, Concordia University, Montreal, Canada during 1984-1985 academic year. He joined the Faculty of Computer Science and Engineering of Wright State University, Dayton, Ohio (USA) in 1984-1985. He was awarded excellence teaching award in 1991. He moved as Visiting Professor in Applied Science Department, Nanyang Technological University, Singapore from 1994-1998. He joined the faculty of Computer Science, at University of Idaho, Idaho Falls in 1998 and worked as coordinators of Department of Computer Science and Electrical and Computer Engineering. He was awarded excellence in teaching and excellence in advising in 2001 and 2003 respectively. He joined Department of Electrical and Computer Engineering, West Virginia University Institute of Technology, Montgomery, West Virginia as a Professor and Chair in Jan 2005.

He moved to University of Maryland Eastern Shore as a Professor and Chair of Department of Mathematics and Computer Science in July 2006.

His research interests include Petri net modeling and their applications, computer networks and network security, software engineering, distributed systems.

He has supervised over 5 Ph.Ds and 25 MS theses and served on a number of graduate committees.

He is an author/co-author of over hundred technical papers, which were published, in International IEEE journals and conferences. He guest edited special issues on "Petri nets and related graph models: Past, Present and Future", 1991, "The Practice of Performance modeling and reliability analysis", 1996, and "Internet: The state of the art", Computer Communication (Elsevier, UK), 1998.

He is on editorial board of Computer Communications (Elsevier), International Journal of Electronics and Reliability, and International Journal of Computation in Intelligence and Bioinformatics and Regional Editor of Journal of Integrated design and Process control (SDPS).

He was elevated to Fellow of Society for Design and Process Science in 2002.

He is a senior member of IEEE and was a member of ACM (1987-1989). He was Chairman of IEEE Computer Society (Dayton Chapter) from 1988-1990. He is a reviewer of various IEEE Transaction journals (Software engineering, Reliability, Computer) and is on the Program Committee of various IEEE Conferences (Distributed Computing System, System Integration, TENCON' Region 10). He has organized tutorials on Computer Networks, Modeling and analysis, software engineering in various International Conferences. He was a General Chairman of IEEE EMS Singapore in 1995.

He has organized and chaired numerous special sessions on Petri nets and their applications, software engineering, and Computer networks. He has presented a number of invited papers in various IEEE conferences.

He has written a chapter on "Local Area Networks, Wide Area Networks, and Metropolitan Area Networks: An Overview" in Computer Engineering Handbook McGraw-Hill, 1992, another chapter on, "Use of Petri nets in System Reliability Evaluation" in the forthcoming book on "Current issues in System Reliability Evaluation" (Elsevier Publishing Co. 1993). He has written a book (with Mukesh Singhal) on "Data and Computer Communications: Networking and internetworking", CRC Press, 2001. He recently published a chapter on Terrestrial Networks in Handbook of Computer Networks, John Wiley, 2007.

He is CAC ABET Program evaluator and has reviewed more than 16 computer science programs within USA. He is serving on the NSF panel review of CISE since 2000.

He has worked on over two million funded projects mainly from DARPA, NSA, and Department of Energy. He was a consultant to NEC, Inc, Japan on load balancing aspect of its operating system for parallel machine (2000-2004).

He has been listed in Marquis' Who's Who in Midwest, Who's Who in America, Who's Who in Leading Technology, Who's Who in Emerging Leaders of America, and Who's Who in World. He has also been listed in International Directory of Distinguished Leadership (UK), and American Biographical Institute (USA).

He has published over six papers, a chapter in handbook and submitted three proposals since joining UMES in July 2006.

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Report on Technical talk

Name of the Event	:	Technical Seminar on Bigdata Analytics
Date & Time	:	8.02.2018 & 10.45 AM to 12.45 PM
Venue	:	Seminar Hall 1
No. of Participants	:	86 (CSE), 6 th sem ECE Students + all CSE Staff
Resource Person	:	Prof. Dr. Gurudeep S. Hura Chair, Dept. of Mathematics and Computer Science, University of Maryland Eastern Shore, Maryland, USA


About the Talk

The Technical talk titled “Bigdata Analytics” was organized to enrich the knowledge of CSE and ECE students to get exposure on Computer networking skill, networking programming skill and the way to convert the concept into applications of network.

The program was started at 10.45 AM with the welcome speech by HOD/CSE and followed by introduction of the resource person Prof. Gurudeep S. Hura by Dr. Mareeswari V, Asso. Prof. CSE. The resource person handled an interactive session about the fundamentals of Data science and data analytics. The contents of this talk were in the focus of surviving in the field of bigdata analytics concepts; applications, simulation by knowledge and the resource person shared the information about the importance of the following aspects.

Bigdata
Applications of Bigdata
Bigdata Analytics
Phases of Bigdata Analytics an importance
Additional Sources of Bigdata
Challenges of Bigdata
Briefly on cyber security and distributed computing systems

In between interaction with students and questionnaire to test the ability of students and the resource person motivated the students to enrich their skills through different case studies as it's still beginning vast domain. The students were expressed that this program was highly useful to them to develop their career in software field. Finally the seminar was ended with vote of thanks by Dr. T. Senthil Kumaran Asso. Prof..


HOD
Dept. of C.S. & Engg.
ACS College of Engineering
Bangalore - 560 074.

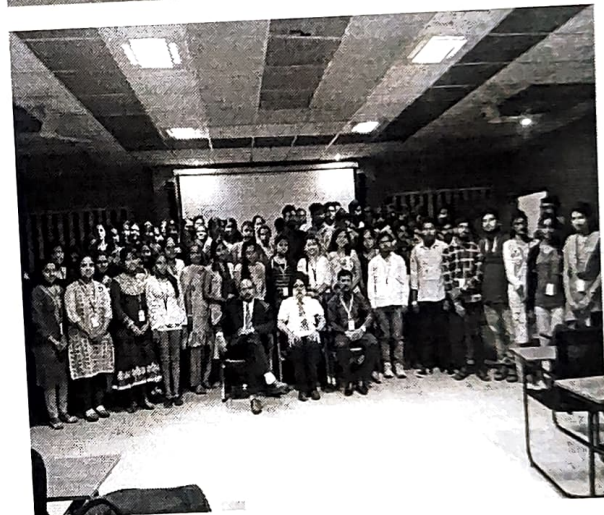
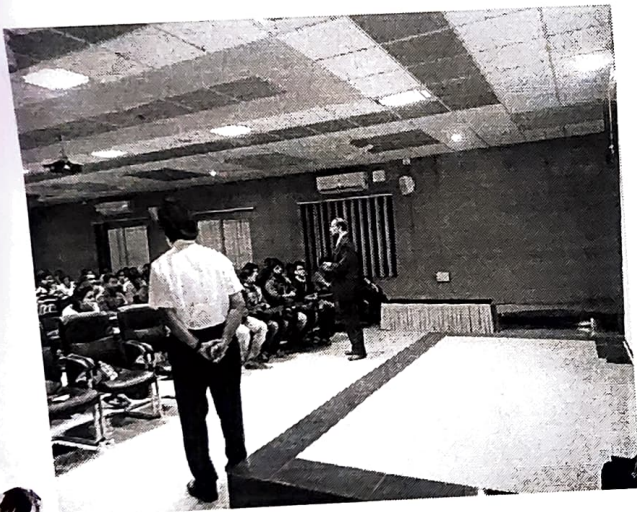
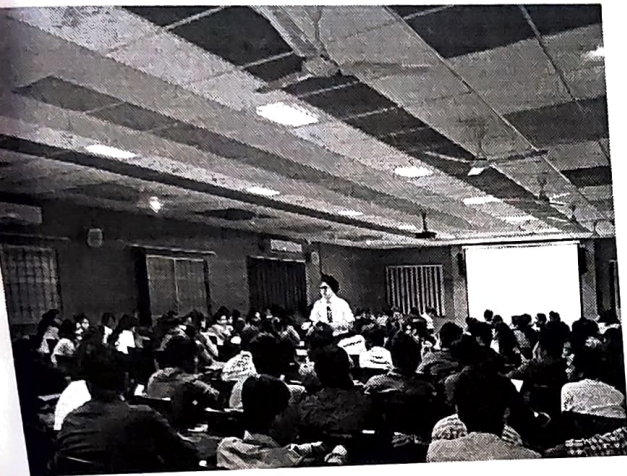
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Sample Photos of Technical Seminar talk on “Big Data Analytics”



Appreciation Certificate

This is to certify that Prof. Dr. Gurudeep S. Hura, Chair, Dept. of Mathematics and Computer Science, University of Maryland Eastern Shore, Maryland, USA, has delivered a Technical Seminar on 'Bigdata Analytics' to all Computer Science and Engineering and 6th semester Electronics and Communication Engineering students of our Institution on 8th February, 2018. We appreciate his efforts and valuable tips rendered to our students.

We thank him and wish all the best for his future endeavors.


8.2.18
HoD, CSE
HOD

Dept. of C.S. & Engg.
ACS College of Engineering
Bangalore - 560 074.


08/02
Principal
Principal

A.C.S. College of Engineering
Kambipura, Mysore Road, Kengeri Hobli,
Bangalore - 560 074



ACS College of Engineering

Kambipura, Mysore Road, Bengaluru-74



Department of CSE

Date: 30.1.2018

To,
The Principal
ACSCE, Bengaluru-74

Respected Sir,

Subject: Technical Seminar on Bigdata Analytics regards.

Adverting to the above subject, department of CSE is interested to organize a Technical seminar on 'Bigdata Analytics' under the banner of Computer Society of India student chapter on 8.2.2018 at 10:45am for all CSE students in the Seminar hall I.

Resource person is Prof. Dr. Gurudeep S. Hura, Chair, Dept. of Mathematics and Computer Science, University of Maryland Esternshore, Maryland, USA, who is available in India during this period and expressed his interest to deliver a talk on Bigdata Analytics upon our humble request. The concept and his session would certainly Transforms Engineering Students/graduates and this seminar would definitely benefit our students as they learn the requirements of industry for a better IT career and get exposure to the integrated programming and technologies in the field of Bigdata Analytics.

This is a 2hours free seminar in the interest of students, transportation has to be arranged from our side. Kindly oblige and permit to conduct the same.

Thank you,

Pradeep H
HOD, CSE
HOD

Dept. of C.S. & Engg.
ACS College of Engineering
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Permitted.
Pradeep
30/01/18
Principal
A.C.S. College of Engineering
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Bangalore - 560 074