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Department of Mathematics
Bangalore University, Bangalore

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Department of studies in Computer Science
Mangalore University, Mangalore

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Department of MCA, SAHE, Tumkur

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Department of Mathematics, S.I.T, Tumkur

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Department of MCA, SIT, Tumkur

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Department of Computer Science and Engineering
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Department of Computer Science
Maharani's Science College, Mysore

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Department of Computer Science and Engineering
HMSIT, Tumkur

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Dept. of Mathematics, KFGC, Tiptur

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Dept. of Computer Science, GFGC, Tumkur

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Dept. of Electronics, SSCASCW, Tumkur

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Karnataka Ratna Dr. Sree Sree Shivakumara Swamiji

Founder, Sree Siddaganga Education Society

Patron:

Sree Sree SiddalingaSwamiji

President, Sree Siddaganga Education Society

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Sri K.S. Shankaraiah

Special Officer, SSCASCW, Tumkur

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Principal, SSCASCW, Tumkur

Convener:

Prof. K.B.Manjunath Prasad

Head, Dept. Of Mathematics ,SSCASCW, Tumkur

Co-Convener:

Prof. Mahesha.S

Head, Dept. of Computer Science, SSCASCW, Tumkur

Mobile No.: 9886044689

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Satisha. C 9980096333

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Srinidhi B.N. 8722567698

Sree Siddaganga Education Society ®
Siddaganga Mutt, Tumkur



**Sree Siddaganga College of Arts, Science
and Commerce for Women (SSCASCW), Tumkur**

Re-Accredited by NAAC with 'A' grade

UGC sponsored

NATIONAL CONFERENCE

on

**Recent Trends in Applications of
Mathematics and Computing**

(NCRTAMC-2016)

July 14th and 15th, 2016

Venue:

Seminar Hall
SSCASCW, Tumkur



Organized by

Department of Mathematics and Computer Science
Sree Siddaganga College of Arts, Science and
Commerce for Women
B.H. Road, Tumkur -572101, Karnataka
e-mail: ncrtamc2016@gmail.com.

About the Institution:

Sree Siddaganga Education Society founded by his holiness Dr. Sree Sree Shivakumara Mahaswamigalu in the year 1963. Poojya swamiji is the head of Sree Siddaganga Mutt, an age old socio-religious institution of veerashaiva dharma. Trivida dasohi i.e, providing knowledge, food and shelter to the poor and needy irrespective of religion, caste or creed has been the hallmark of the mutt.

Sree Siddaganga Mutt at present has 9,000 plus poor children and orphans studying in various classes in addition Siddaganga Mutt has a large number of primary schools, high schools and colleges which are spread mostly in the mofussil parts of Karnataka. Today it has 127 institutions, spread all over Karnataka State.

About the college:

Sree Siddaganga College of Arts, Science and Commerce for Women which came into being in 1982, is popular for its good, effective teaching - learning processes. The Sree Siddaganga Womens College is located in the heart of the city and its proximity to both - the City Railway Station and the Bus Stand has helped the girl students even from remote places to realize their dream of Empowerment through Higher Education.

There are, at present 1800 students pursuing diverse courses ranging from English Literature to Biotechnology and Business Studies. The phenomenal rise in the strength of students in a short span of 20 years is a testimony to the vision of His Holiness, the caliber of the teaching staff and the reputation of the institution in Karnataka.

About the Department of Mathematics:

The Department of Mathematics was started in the year 1982. The objective of producing trained manpower for undertaking research and teaching in mathematics and allied branches of basic and applied sciences. It also aimed to groom trained mathematicians for problem solving in industry and other concerns.

The Department wishes to focus on providing a comprehensive curriculum at undergraduate level, relevant research and career opportunities. The Department plans to induct new faculty to enhance/strengthen the research, as new faculties are a major source of new and fresh ideas in contemporary areas.

About the Department of Computer Science:

Department of Computer Science was established in the year 1988, with the objective of imparting quality education in the field of Computer Science. With rapidly evolving technology and the continuous need for innovation the department has always produced quality professionals, holding good positions in IT industry in India and abroad.

Since its inception, the Department has been organizing a host of curricular and co-curricular activities aiming at the academic enrichment of the students and faculty. The department regularly organizes seminars, training programs, discussions and technical events for cultivation and fostering of research outlook among the students.

About the Conference:

Aim of the conference is to create a world class gathering of intuitive students and innovative researchers from academia and industry.

The main objective of this conference is to address and provide platform to discuss the emerging trends there by ability to share the knowledge in the recent advancements. The conference also provides a perfect platform for academicians to upgrade their knowledge in Mathematics and Computer Science domain. Papers pertinent to the topic and are invited from all relevant disciplines. Eminent personalities are invited to deliver the special lectures.

Topics of Interest:

- Number Theory.
- Graph Theory.
- Differential Geometry.
- Fluid Mechanics.
- Non-Linear Analysis.
- Numerical Techniques.
- Linear Algebra.
- Linear Programming.
- Cloud Computing
- Fuzzy logic
- Neural Networks
- Big data and Data Mining
- Theory of computation
- Adhoc Network
- Digital Image Processing

Call for Papers:

NCRTAMC-2016 invites authors to submit original and unpublished work. A volume of proceedings with ISBN number will be released. Please submit full paper (8 pages maximum in IEEE format, A4 size in Times New Roman script of 12-pt font). All manuscripts received will be judged on merits including correctness, originality, technical strength and quality of presentation. Paper presentation is not mandatory for participation in the conference. Kindly note that only presented papers in the conference will be included in the proceeding.

Abstract and full length papers may be sent to the email ncrtamc2016@gmail.com.

Registration:

Registration is compulsory for all participants.

Registration Fee:

Students	: Rs 100/-
Academicians (UGC)	: Rs 500/-
Academicians (Non UGC)	: Rs 350/-

The Registration fee should be paid by cash/DD. DD should be drawn in favor of The Principal, SSCASCW, Tumkur payable at Tumkur.

Important Dates:

Submission Due	: 20th June 2016
Acceptance Notification to Authors	: 25th June 2016
Camera Ready Papers	: 5th June 2016
Last Date for registration	: 10th July 2016

Address for correspondence:

Prof. K.B.Manjunath Prasad
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Sree Siddaganga College of Arts, Science and
Commerce for Women, B.H Road
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Mobile: 9844415491, Office: 0816-2272312
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Sree Siddaganga College of Arts, Science and Commerce for Women

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INAUGURATION

UGC Sponsored two days National Conference on Recent Trends in Applications of Mathematics and Computing (NCRTAMC-2016)

Date: 14th July 2016

Time: 10.00 am

Venue: Seminar Hall, SSCASCW, Tumkur

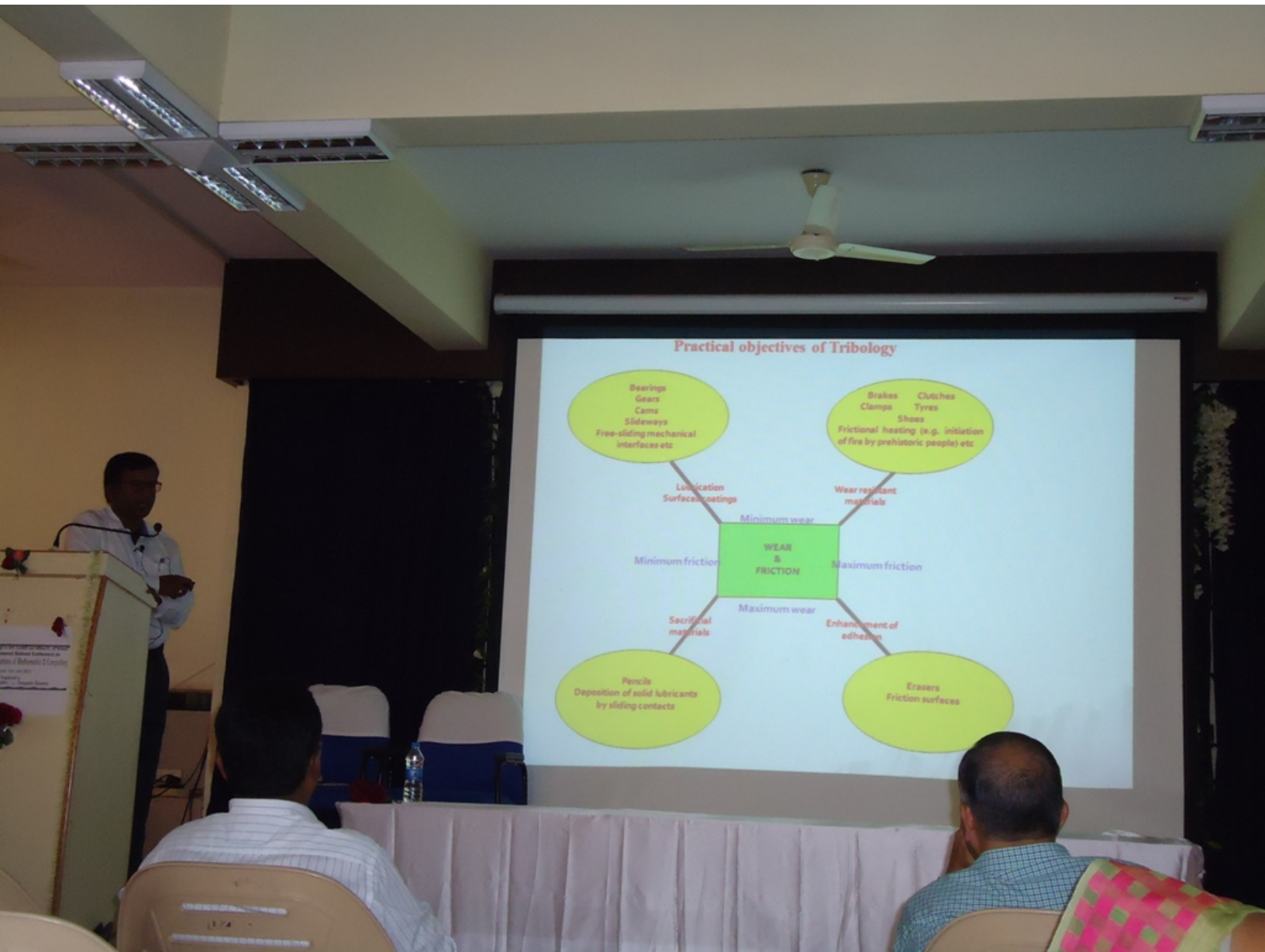
- Inauguration** : **His Holiness Sree Sree Siddalinga Swamiji**
President, Sree Siddaganga Education Society
- Key Note Address** : **Dr. Pradeep G. Siddheshwar**
Chairperson, Department of Mathematics,
Bangalore University
- President** : **Prof. V. Nalinakshi**
Principal, SSCASCW, Tumkur
- Chief Guest** : **Prof. M. Venkateshwaralu**
Registrar, Tumkur University
- Convener** : **Prof. K.B. Manjunath Prasad**
Head, Department of Mathematics,
SSCASCW, Tumkur
- Co-Convener** : **Prof. Mahesha S.**
Head, Dept. Computer Science, SSCASCW, Tumkur



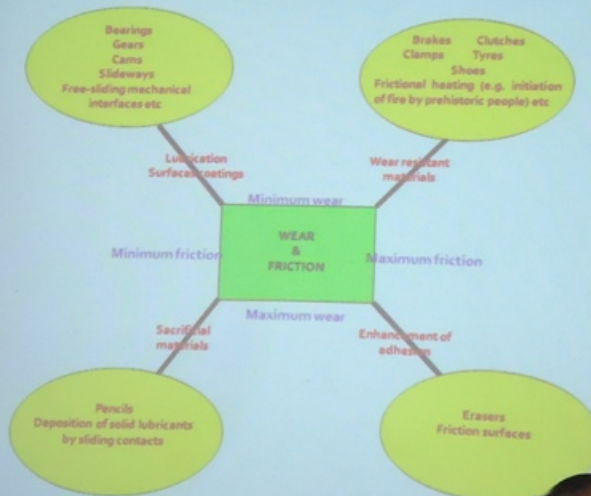








Practical objectives of Tribology



EFFECTS OF YIELD STRESS, PERISTALSIS AND ELASTICITY ON BIOFLUID FLOWS



Prof. S. SREENADH
FAPAS (Fellow, A.P. Academy Sciences)
Head of the Department
Coordinator, UGC - SAP - DRS-I
Principal Investigator, UGC - MRP
Department of Mathematics
Sri Venkateswara University
Tirupati - 517502 (A.P.) India





The original problem

A resident of Königsberg wrote to Leonard Euler saying that a popular pastime for couples was to try to cross each of the seven beautiful bridges in the city exactly once -- without crossing any bridge more than once.



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VALEDICTORY

**UGC Sponsored two days National Conference on
Recent Trends in Applications of
Mathematics and Computing (NCRTAMC-2016)**

Date: 15th July 2016

Time: 5.00 pm

Venue: Seminar Hall, SSCASCW, Tumkur

Chief Guest : T.K. Nanjundappa

Hon. Secretary, SSES

Guests : Dr. Asha Gowda Karegowda

Associate Professor, Dept. of MCA
Siddaganga Institute of Technology, Tumkur

Dr. Prakash B.R.

Asst. Professor, Dept. of MCA, SAHE, Tumkur

President : Prof. V. Nalinakshi

Principal, SSCASCW, Tumkur

Convener : Prof. K.B. Manjunath Prasad

Head, Department of Mathematics,
SSCASCW, Tumkur

Co-Convener : Prof. Mahesha S.

Head, Dept. Computer Science, SSCASCW, Tumkur



Feature Subset Selection Based on Bio-Inspired Algorithms

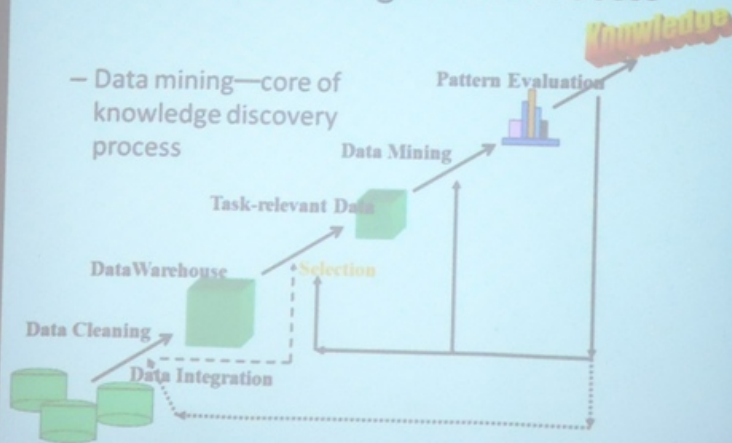
Dr. Asha Gowda Karegowda
Associate Professor,
Department of Master of Computer Applications,
Siddaganga Institute of Technology,
Tumkur, Karnataka



Dr. Asha Gowda Karegowda, SIT, Tumkur

Data Mining: A KDD Process

- Data mining—core of knowledge discovery process



Dr. Aradhana Kulkarni, IIS, Tirunelveli



