



**Fourteenth Annual Conference of
Gwalior Academy of Mathematical Sciences (GAMS)
With
Symposium on
Computational Mathematics and its Application to Engineering,
Management and Biology**

July 17-19, 2009



Organized by

**IPS College of Technology and Management, (IPS CTM)
Shivpuri Link Road, Bela Ki Bawadi, P.O.Boxno.14,
Gwalior, <http://www.ipsgwalior.org>**

About GAMS

The Gwalior Academy of Mathematical Sciences (GAMS) is a forum for activities on Mathematical Modeling of real life problems and was launched in 1994 at School of Mathematics and Allied Sciences, Jiwaji University, Gwalior, India.

Besides publishing 'GAMS Journal of Mathematical Biosciences', it holds annual conference every year, organizes workshops and similar research level programs on the topics like Biomathematics, Financial Mathematics, Bioinformatics and Theoretical Computer Science. It also co-sponsored "4th International Conference on Physiological Fluid Dynamics" in 1995. Last year the Society organized its First International Conference during January at Agra.

About Organiser

Institute of Professional studies (IPS) is a well established institute in Gwalior. It is situated in the south west zone of Gwalior on Shivpuri Link Road. The whole area is spread over 80 Acres of land and surrounded by beautiful lush green range of low hills. The members of the promoting society-Deendayal Krishi Avam Gramin Prodyogiki Vikas Sansthan, Gwalior, have long experience in the field of Professional/Vocational education in Madhya Pradesh.

IPS College of Technology and Management (IPS CTM) is a one of the premier engineering institute of Central India. It was established in the year 2007. In the short span of time it has become the most preferred choice of students from all over the India. Besides having all branches of engineering, the college is looking forward to add new courses. In addition to state-of-the-art library, indoor stadium, the college has a team of well qualified, experienced and committed faculty members to provide our students a technologically up-to-date and intellectually inspiring environment of learning, research, creativity, innovation and professional activity. It also has seminar halls equipped with multi-media accessories. The computer laboratory is equipped with the latest configuration, core 2 duo TFT PCs with 24 hours internet facility. In addition to the workshop, there are functional mechanical and CAD/CAM laboratories for conducting practical classes.

Call for Papers

Original research papers are invited for presentation at the conference. Intended participants are invited to submit abstracts not exceeding 250 words on A-4 size paper in double spacing by **5th July 2009** along with registration form and fee. Acceptance of the papers will be sent by **1st July 2009**. The abstracts may also be sent electronically at the following address: **conf_ips9@rediffmail.com**.

Broad Areas

- Mathematical Ecology
- Bio-Diffusion and Pollution
- Bio- Fluid Dynamics
- Bio-Informatics
- Pharmacokinetics
- Epidemiology
- Neural Network
- Mathematical Plant Sciences
- Financial Mathematics
- Applied Analysis & Special Functions
- Theoretical Computer Science
- Operation Research
- Graph Theory
- Fluid Mechanics
- Solid Mechanics
- Heat Transfer
- Industrial Mathematics
- Computational Models for Data Mining
- Computational Mathematics and Computer Applications
- Any other relevant field applicable to Industry, Management and Engineering Sciences

Registration Fee (Including SAARC countries)

Industry	Rs. 2000/-
Member Delegate	Rs. 400/-
NonMember Delegate	Rs. 500/- (local)
	Rs. 800/- (outside)
Students	Rs. 400/-
<u>Foreign Delegates</u>	US \$ 200/-
(Other than SAARC)	

The registration fee will include boarding and lodging (outstation delegates), conference proceedings, registrations material, inauguration high tea, lunches and dinners. All the payments are to be made through bank transfer cheques/ Bank Drafts in the favour of ***GWALIOR ACADEMY OF MATHEMATICAL SCIENCES***,Gwalior.

Proceedings of the Conference

Contributors of the accepted papers presented at the conference and invited talks are required to submit camera-ready copy of the paper/talk by, August 1st,2009 if they wish their papers to be published in the proceedings of the conference. Only refereed and recommended papers will be published in the proceedings. **The instructions and format for the full length paper will be sent along with the acceptance letter.**

Important Dates

1. Last date for Pre- Registration & Submission of Abstract: **15th June,2009**
2. Communication of Acceptance: **1st July, 2009**
3. Last date for submission of full-length papers for publication in the Proceedings: **1st August 2009**

Young Scientist Awards

There will be three young scientists awards which will be given on the basis of quality and presentation in the conference. The eligibility for competing for young scientist award is that the paper must be by single author, who should be the age of 35 years on 1st July, 2009. Also the author must be life member of the society on the date of the conference. The scientists who wish to be considered for young scientist award should send their manuscripts in triplicate (hard copy) to the organizing secretary by 15th June, 2009 along with registration fees, one copy of abstract of their paper with covering letter stating that they wish to be considered for young scientist award. Further, they have to bring the proof of their date of birth in original at the time of the conference.

Addresses for Correspondence

GENERAL CORRESPONDENCE

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Submission of Full Length Paper

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Director, IPS Group

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REGISTRATION FORM

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Name.....

Designation.....

Affiliation.....

Address for Correspondence.....

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Phone

Email

Fax.....

Participation status (please tick)

- I would like to attend the Conference.
- I intend to contribute a paper.
- I intend to contribute paper for Young Scientist Award.

Title of the paper.

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Accommodation required Y/N

From.....To.....

Name of accompanying person (if any).....

Excursion Tour Interested (please tick) Y/N

Registration Fee payment details

D.D.No.....Dated.....

Amount Rs.....Drawn on.....

.....

Date

Signature