

# AIMS 2015

Bridging Research Endeavour in Mathematical Sciences



Estd : 1965

## UGC Sponsored One-Day National Conference on ADVANCES IN MATHEMATICAL SCIENCES



Department of Mathematics and Statistics of K.B.N.

Organized by Dept. of Mathematics & Statistics K.B.N. College, Vijayawada

### Objective

The main objective of AIMS - 2015 is to promote mathematical research and to focus the recent advances in Mathematics. The conference aims to provide ideal platform for the young researchers through out the country to interact with senior scientists, to exchange their views and ideas and to initiate possible scientific collaboration in different domains. The program will consist of plenary and invited talks as well as contributed presentations in different technical sessions.

### Invited Speakers

**Prof. G.C. Rao**  
Andhra University, Visakhapatnam

**Prof. T.K.V. Iyengar**  
NIT, Warangal.

**Prof. B. Surendranath Reddy**  
SRTM University, Nanded

### Organizing Committee

1. Sri. V.V.N. Suresh Kumar
2. Smt. M. Laxmi Prasanna
3. Smt. M. Mallika

4. Smt. N.S. Padmaja
5. Dr. D.S. Radhika
6. Miss. P. Laxmi Sravani

7. Smt. S. Naga Mani
8. Smt. P. Drakshayani

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1. Prof. K.V.N.L. Acharyulu, Bapatla Eng. College, Bapatla
2. Dr. D. Madhusudhana Rao, V.S.R. & N.V.R. College, Tenali
3. Prof. S. Ravi Kumar, M.R. College, Vizianagaram
4. Prof. N.M. Rafi, Bapatla Eng. College, Bapatla
5. Dr. D.Ch. Papa Rao, S.K.B.R. College, Amalapuram
6. Dr. D. Satish Kumar, K.L. University, Guntur
7. Dr. G. Prakash Babu, G.D.C., Nidadhavole
8. Sri V. Kiran Kumar, V.S.M. College, Ramachandrapuram
9. Dr. A.Rama Krishna, RVR & JC Eng. College, Guntur.
10. Dr. M. Mohiddin Shaw, Narasaraopet Eng. College, NST

### Advisory Committee

1. Dr. V. Subashini, Head, Dept. of Zoology
2. Sri P.L. Ramesh, Head, Dept. of Computers
3. Sri J. Panduranga Rao, Lecturer in Physics
4. Sri Y.S.N.L. Srihari, Lecturer in Comp. Science
5. Sri T. David Johnson, Lecturer in Comp. Science
6. Sri D. Hema Chandra Rao, Head, Dept. of Physical Edu.
7. Dr. M. Samba Siva Rao, Lecturer in Physical Education
8. Sri K. Siva Prakash, Lecturer in Commerce

### Registration fee

Academicians : 200  
Research scholars : 100  
Publication : 300 (8 pages only)

Account Details : Account Name : Principal KBN College  
A/c. No. 1414155000114010  
Bank Name : Karur Vysya Bank  
Branch Name : 1 Town Branch  
IFSC Code : KVBL0001414

All the Papers / abstracts must be submitted to  
[kbnmaths@gmail.com](mailto:kbnmaths@gmail.com)

Please visit the website  
<http://www.kbncollege.ac.in> in time to time for any update.

### Important Dates

Abstract Submission  
25<sup>th</sup> October, 2015

Notification of Acceptance  
02<sup>nd</sup> November, 2015

Full Paper Submission  
10<sup>th</sup> November, 2015

### Contact Persons

**Dr. Naveen Kumar Kakumanu**  
Organizing Secretary  
Cell : 94908 89989

**Sri M. Venkateswara Rao**  
Joint Secretary  
Cell : 97018 51379

## ORGANISING COMMITTEE

### CHIEF PATRONS

**Sri U. Sambasiva Rao** President  
**Sri S.V.S.M.Razith Kumar** Secretary & Correspondent  
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**Sri. M.Venkateswara Rao** M.Sc., M.Phil., (Ph.D.) Head, Dept. of Maths & Stat

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7. Dr. M. Samba Siva Rao, Lecturer in Physical Education
8. Sri K. Siva Prakash, Lecturer in Commerce

## Registration form


- 1) Name of the participant :
- 2) Designation :
- 3) Affiliation :
- 4) Gender ( M/F ) :
- 5) Nationality :
- 6) Address for Correspondence :
- 7) Mobile Number :
- 8) E-mail address :
- 9) Do you plan to present a research paper (Yes / No) :

(If yes, send abstract of the paper to Convenor on or before 25<sup>th</sup> October, 2015)

- 10) Name of the Bank  
a) Amount : \_\_\_\_\_ Date : \_\_\_\_\_  
b) Ref. No. / D.D. No. \_\_\_\_\_

- 11) Any other information:

Date : \_\_\_\_\_  
Place : \_\_\_\_\_ Signature \_\_\_\_\_



**AIMS 2015**  
Bridging Research Endeavour to Mathematical Advances

UGC Sponsored One-Day  
**National Conference on  
ADVANCES IN MATHEMATICAL SCIENCES**  
(AIMS -2015)  
On  
**28<sup>th</sup> November, 2015**

Organised by  
**Department of Mathematics & Statistics**  
VENUE :  
**Netaji Seminar Hall**  
**K.B.N. COLLEGE**  
(Autonomous)  
(Sponsored by S.K.P.V.V. Hindu High Schools Committee)  
Kothapeta, VIJAYAWADA - 520 001, A.P.  
Website : www.kbncollege.ac.in

### About the K.B.N. Autonomous College :

Kakaraparti Bhavanarayana College is renowned for striving towards transforming every student in to a great leader by imparting rich and qualitative education for the last five decades. The college is being sponsored by a century old renowned society SKPVV Hindu High Schools Committee, whose motto "Tejaswina Vadhethamassthu" clearly portrays its commitment.

Since its inception in 1965, the college has won many laurels to its credit and has created many a responsible citizen. The college is spread across a vast and sprawling land in the heart of the city with a good infrastructure.

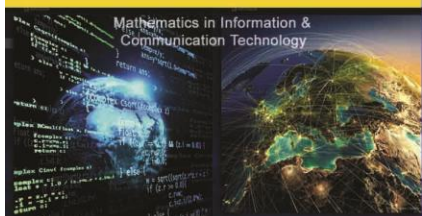
The College has been conferred with the Autonomous status by UGC, New Delhi from the academic year 2010-11. It has been Re-Accredited by NAAC with 'A' grade. The College is presently affiliated to Krishna University, Machilipatnam. The college is one of the very few megalithic structures providing education in Krishna District.

### Objective of AIMS - 2015 :

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**Prof. T.K.V. Iyengar**, NIT, Warangal.  
**Prof. B. Surendranath Reddy**, SRTM University, Nanded



### Call for Papers :

Authors are invited to submit the Abstracts/Papers for AIMS through E-Mail : kbnmaths@gmail.com by October 25<sup>th</sup>, 2015. Submissions must be unique and should not have been published earlier or be under consideration for publication. Selected Papers will be Considered for publication (in print format) in "International Journal of Scientific and Innovative Mathematical Research (IJSIMR)" ISSN No (Print): 2347-307X with "SJIF Impact factor" (https://www.arcjournals.org). Authors shall adopt the IJSIMR template while preparing their papers. Paper in other forms will not be accepted for publication.

Topics of interest for submission include, but not limited to :

- Numerical Analysis
- Mathematical Computational Techniques
- Fluid Mechanics
- Heat and Mass Transfer
- Differential Equations (ODEs and PDEs)
- Mathematical Physics Dynamical System & Chaos
- Educational Mathematics
- Algebra & Mathematical Logic
- Functional Analysis, Set Theory.
- Matrix Theory
- Number Theory
- Algebra
- Cryptography
- Group Theory, Geometry
- Topology and Mathematics Statistics
- Fuzzy Algebra

### Registration Fee :

Due to paucity of funds the college is not in a position to provide any travel support to any of the participants. The registration fees include kit and entry to all the technical sessions, tea and snacks and lunch during the day of the conference and the participation / presentation certificate.

All the participants are advised to submit the registration form in the format, registration fee paid through online account and should send the scanned copy of payment details along with full length paper to the email id. kbnmaths@gmail.com.

**Bank Details :** Bank Name - Karur Vysya Bank, 1 Town Branch  
Account Name : Principal, K B N. College  
Account Number : 1414155000114010  
IFSC Code - KVB00001414

Academicians : ₹ 200  
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Publication : ₹ 300 (8 pages only)

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IJSIMR Template (Camera-ready)

### How to Reach KBN College :

KBN College is located at a distance of about 2 Km from the railway / bus stations if you choose to travel from bus station to KBN College by bus, take 3.11 and 31 citibus from City Bus Stand platform (beside SBI ATM). There is a bus every 05 minutes. Get down at KBN College bus stop. If you take an auto from the railway/bus station, the ever so honest auto drivers of Vijayawada tend to charge about Rs. 50/- for their service from the railway / bus station to KBN College.

Contact Persons :  
**Dr. Naveen Kumar Kakumanu,**  
Convenor  
Cell : 09490889989  
**Sri M. Venkateswara Rao,**  
Co-Convenor  
Cell : 09701851379

For any query or submission please send email to [kbnmaths@gmail.com](mailto:kbnmaths@gmail.com). Please visit our website <http://www.kbncollege.ac.in> in time to time for any updates.

