

Speakers

: Keynote Speakers :

Prof. M. Mursaleen
AMU, Aligarh,
India**Prof. Vasile Berinde**
North University of Baia Mare,
Romania**Prof. J. K. Kim**
Kyungnam University,
South Korea**Plenary Speakers****Dr. B. C. Dhage**
Latur, India.**Prof. B. S. Thakur**
Pt.RSU, Raipur, India.**Prof. H. A. Biswas**
KU, Bangladesh.**Prof. M. K. Ahmad**
IUM Medinah K.S.A.**Prof. A.R. Razani**
IKIU, Iran.**Prof. M. Sajid**
Q. U., KSA**Prof. Mehdi Asadi**
IAU, Zanjan, Iran**Prof. Muslim Malik**
IIT, Mandi, India**Prof. Wutiphol Sintunavarat**
TU, Thailand**Prof. Hemant K. Nashine**
VIT, Vellore, India**Prof. S. K. Mishra**
BHU, India**Prof. Rajendra Pant**
South Africa**Prof. Mehmet Kucukaslan**
MU, Turkey**Prof. D. D. Pawar**
SRTMU, Nanded, India.**Prof. Mohammad Imdad**
AMU, Aligarh, India.**Prof. A. Fernandez**
EMU, North Cyprus**Dr. Izhar Uddin**
JMI, New Delhi, India**Dr. S.S. Benchalli**
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(Pro. V.C., SRTMU, Nanded)**Prof. J.R. Graef**
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(DBRA Uni. Agra, UP)**Prof. Deepak Pachpatte**
(Dr. BAMU, Aurangabad)**Prof P. K. Sahoo**
(BITS, Pillani, Hyd.)**Dr. J. N. Salunke**
(Latur Faculty)**Dr. K. C. Takale**
(Bitco, College, Nashik)**Dr. V. N. Mishra**
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(Vice-Principal, Dayanand Science College, Latur.)

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International e-Conference on Nonlinear Analysis and its Applications

(e-ICNAA 2020)

July 27-29, 2020

Sponsored by : UGC-CPE



"आ नो भद्रा कृतवो यन्तु विश्वस्तः"

: Organized by :

Department of Mathematics

Dayanand Science College, Latur

: Affiliated to :

Swami Ramanand Teerth Marathwada**University, Nanded****Maharashtra (India)**

Dear colleagues,

It give us immense pleasure to invite you to participate in the online International Conference on Nonlinear Analysis and its Applications (e-ICNAA-2020). All academicians and researchers in the branches of Mathematics, Mathematical Physics and Applied Engineering are kindly requested to submit original abstract for presentation. For more information about the guidelines, please check the website www.dsclatur.org/icnaa2020

Objectives:

The main aim of International Conference on Nonlinear Analysis and its Applications (e-ICNAA 2020) is expected to provide an international platform that allows researchers, academicians and industry experts to share and discuss their research ideas in the theoretical and applied areas regarding all aspects of nonlinear analysis and it related areas. The Conference also provides great opportunities for participants to exchange new innovative ideas and experiences to establish current research work in applied Sciences .

: Themes of Conference :

A. Applied Mathematics & Modeling

- Numerical Analysis
- Fluid Mechanics
- Heat and Mass Transfer
- Mathematical Physics
- Image Processing

B. Applications to

- Stochastic Systems
- Statistics
- Operations Research
- Optimization
- Linear and Nonlinear Programming
- Financial Mathematics
- Actuarial Mathematics
- Industrial Mathematics

D. Software & Application of

- MATLAB
- MAPLE
- MATHEMATICA
- SCILAB
- CIPLEX
- LINGO

F. Mathematical Physics

- Elastics Properties
- Classical Mechanics
- Electronics

- Mathematical Computational Techniques

- Differential Equations
- Dynamical System & Chaos
- Modeling and Simulation

C. Analysis & Its Applications

- Fixed Point Theory
- Functional Analysis
- Set Theory
- Matrix Theory
- Approximation Theory
- Nonlinear Integro-differential equations
- Integral Transform

E. Geometry & Its Applications

- Geometry
- Topology
- Algebraic Geometry
- Game Theory
- Differential Geometry
- Fractals

G. Others

Areas not included above .

About Institution:

Dayanand Education Society is one of the oldest educational Institution which was established in 1961. The motto of institute is “ आ नो भद्रा कृतवो यन्तु विश्वस्तः ” *Let the noble thoughts come to us from all the directions of the universe.* In the campus of Dayanand Education Institute there are six different Colleges imparting education from Junior to Senior College level to 15,000 students. In this Institute, about 800 teaching and non-teaching staff who constantly strive hard to achieve the mission and goals of the Society. The modest beginning was the foundation of Dayanand College of Arts, Science and Commerce in the year 1961. In 1964, the inclusion of (late) Shri. Manikraoji Sonwane and (late) Shri Raja Narayanlalji Lahoti in the Governing Board of the Society in 1964 gave tremendous impetus for the development of the Society. The institution has now made such a rapid progress with the establishment of three separate single faculty colleges run by the Society. The institution has bagged many State and National awards. Recently, the Institution celebrated Golden Jubilee and organized different programmes. His Excellency **Hon. Pranab Mukherjee, the President of India**, solicited his presence at the closing ceremony of the programme. The institute has gone far ahead, yet it aspires to further in each and every academic year.

About The College :

Dayanand Science College, Latur, is unique, first oldest and the finest single faculty college in the region of Marathwada, pursuing excellence in science education with several branches. Dayanand Science College became independent in 1967. The College not only provides education in basic and applied subjects, but also pays attention to the current innovative approaches towards the higher education. The college has 13 subject combinations for UG programs, 07 PG programs, 05 Research centers and 04 COP Programs. The Research centers have collaboration with the research centers and scientists of the various countries, such as USA, Korea, Switzerland, Poland, Greece, Malaysia, Romania, Oman, Thailand and Singapore etc. Due to the quality education, the college received different National and International awards and schemes. In the year 2012, our institution received Shahu-Phule-Ambedkar Award by Maharashtra State Government. In 2013, the college received DST-FIST recognition. In the year 2014, College had been awarded “A” grade in NAAC Accreditation 2nd cycle with CGPA 3.14 out of 4.00. In the year 2015, College received **Best College** (Urban) Award from SRTM University, Nanded. In the year 2016, College has been awarded “College with Potential for Excellence Award (CPE)” by UGC and able to receive grant of Rs. 5 Crores in three phases. Our Principal Dr. J.S. Dargad has been recently awarded by “Best Principal Award” by SRTM University, Nanded. The college is well known about the development of "Latur pattern of Education" in the state of Maharashtra for the meritorious pattern. In last five years college organized 17 INSPIRE Camps and 5 refresher courses under the co-ordinatorship of Former Principal R.H. Ladda. Our College organized 1 International, 18 National, 12 State / Regional conferences and workshops.

About the Department:-

The Department of Mathematics is the prominent Department in SRTM University, Nanded for UG, PG and Ph.D. level programs. This department runs one year career oriented program (COP) in MATLAB training. This department has active research center which is in collaboration with various National and International research centers. The faculty members of this department have given invited talk in the international conferences in different countries like USA, Korea, Switzerland, Poland, Greece, Malaysia, Romania, Oman, Thailand, Iran, Singapore etc. In the last five years, the department has organized 05 regional seminar competitions for UG and PG, students. The Department organized 05 National Conferences, 03 National workshop on syllabi and 02 regional workshop on research methodology for the faculty. Also department organized 05 Ph.D. Course works for the faculty, research students. In 2017 Department organized the International Conference on Mathematical Analysis and Its Applications ICMAA2017. In this Conference 450 participants participated and 250 papers were presented. Nearly about 23 abroad participants were participated. Department has well equipped MATLAB having 35 PC, Internet and Mathematical Softwares such as MATLAB, MATHEMATICA, SCILAB, LATEX, CIPLEX, LINGO, MAPLE etc. which are useful for UG to Ph.D. Students. There are 18 Research students who are doing their Ph.D. in Mathematics under the guidance of Dr. S. S. Bellale & Dr. B.D. Karande.

Abstract / Paper Submission :

The original unpublished abstracts are invited for presentation in the conference. The abstract will be published in abstract book of the conference. The abstracts may kindly be sent to the convener by [email icnaa2020@gmail.com](mailto:icnaa2020@gmail.com), sidhesh.bellale@gmail.com or by online submission <https://forms.gle/bBg6AuNUEX99B5568>

Important Dates

Registration & Submission of Abstract Deadline	20 th July 2020
Notification of Abstract Acceptance	2 days after submission of abstract
Early Registration & Payment Deadline	20 th July, 2020
Duration of ICNAA-2020	27-29 July 2020

: Registration fees :

S.N.	Particulars	Participation	Participation with Presentation	Last Date of Submission
1.	Foreign Delegates	USD 20/-	USD 25/-	20 July 2020
2.	Faculty Members	Rs. 500/-	Rs. 700/-	20 July 2020
3.	Research Scholars	Rs. 300/-	Rs. 400/-	20 July 2020
4.	PG Students	Rs. 200/-	Rs. 300/-	20 July 2020

The registration fees may be paid online /Google pay / Paytm / Phone pay / Internet Banking on the Account of “Principal, Dayanand Science College, Latur” **Bank Name :** Bank of Maharashtra, MIDC Branch, Latur

Account No.: 60299773867, **IFS Code:** MAHB0000928, **MICR No.:** 413014901

Note :

- 1) The hard copy of the certificate of conference will be post on registered address participants.
- 2) The hard copy the certificate and memento will be post registered address of speakers.



Contact : Dr. S.S. Bellale (Convener-ICNAA2020)

HoD, Mathematics, Dayanand Science College, Latur.

Email: sidhesh.bellale@gmail.com, icnaa2020@gmail.com, www.dsclatur.org

Phone :- +91 9405417417, +91 9405020007, +91 2382-222929

