



Mrityunjaya Vidya Peetha's

*Mahantswamy Arts, Science and Commerce College,
Haunsbhavi-581109*

(Affiliated to Karnatak University, Dharwad, College Code: 3204)

Reaccredited with B grade in the 3rd cycle by NAAC

Tq: Hirekerur

Dist: Haveri

One Day International Webinar

On

**“RECENT TRENDS IN
NANO SCIENCE AND TECHNOLOGY”**

5th February 2022

ORGANIZED BY

IQAC and Science Association

About Mrityunjaya Vidya Peetha

Mrityunjaya Vidya Peetha, an educational institution with spiritual blessings is located at Haunsbhavi, a tiny village which is part of Hirekerur taluk, Haveri district of Karnataka state. The place where the Vidya Peetha stands today was the "Karma Bhoomi" of his Holiness Sri. Mrityunjaya Swamiji of Murughamatha, Dharwad. He was born with a mission "Education for all: Education for the downtrodden". The vision of Swamiji led to the establishment of Mrityunjaya Vidya Peetha in 1918. From a modest beginning, the Peetha gained strength year after year. The Peetha has been instrumental in kindling, nourishing and propagating a silent revolution in the field of education by benefitting countless men and women. Over the years, the Peetha has added new dimensions of its educational endeavors amidst many odds and challenges. Every year hundreds and thousands of students enroll from the kindergarten to undergraduate courses in formal and technical education. The Peetha has withstood the test of time and is a trusted name. The Peetha has a glory of more than hundred years in the field of education.

ABOUT THE COLLEGE



Mahantswamy Arts, Science and Commerce College was established in the year 1967 by Mrityunjaya Vidya Peetha, Haunsbhavi to cater the higher educational needs of rural youths, particularly the economically poor and underprivileged. The College has the ambition of producing confident, proactive men and women capable of facing the modern challenges by imbibing in them the qualities of self-belief and inferior to none confidence. The College has helped the economically backward rural youth in realizing their dream of getting higher education. The institution offers Arts, Science and Commerce programmes at under graduate level with 13 departments toiling and moiling in imparting quality education with an aim of making students employable. It has also implemented most ambitious new education policy-2020. Along with academic excellence, character formation and personality development are also given top priority. The College has a dedicated team of staff consisting of 28 full-time teachers and 8 non-teaching staff. Besides, it also serves to the neighboring communities by conducting various programmes under Youth Red Cross, Village Adoption, NSS, NCC etc.

ABOUT THE WEBINAR

Nanotechnology has been an extremely hot topic over the last decade and is regarded as the industrial revolution of the twenty-first century. Nanotechnology deals with understanding and control of matter at dimensions between approximately 1 and 100 nanometers where unique phenomena enable novel applications. More specifically, nanotechnology is the imaging, modeling, measuring, design, characterization, production and application of structures, devices and systems by controlled manipulation of size and shape at the nanometer scale that produces structures, devices and systems with at least one novel or superior characteristic or property. Therefore, nanotechnology today is basic research and development that is happening in laboratories all over the world. Above all, it is an interdisciplinary research field involving Chemistry, Physics, Biology, Engineering and Medicine.

This virtual international seminar is dedicated to bringing up substantial discussions on major current research and recent trends being taking place in nanotechnology. The webinar provides a platform to research scholars, faculty, scientists and industry professionals to share and deliberate their research findings, breakthrough innovations, challenges and future advancements. This webinar also helps in bridging the gap between academia and industries for overall societal development. More importantly, this would pave the way to create an impact among students for research. Keeping in view of the significance of nanotechnology and its applications, international webinar is being organized by our college under IQAC & Science Association.



RESOURCE PERSONS

Dr. Shashanka Rajendrachari, is currently working as an Assistant Professor, Department of Metallurgical &

Materials Engineering, Bartin University, Turkey. He pursued Ph.D from the department of Metallurgical and Materials Engineering, NIT, Rourkela, Odisha. His name has featured in the list of the top 2% best scientists of the world for the year 2020 reported by Stanford University, USA that was published by Elsevier. He has published 41 international research publications. Recently he was awarded prestigious "Young Scientist-2020" at the 4th International Scientist Awards ceremony on Engineering, Science and Medicine held at Chennai. He was also awarded "Young Achiever of the Year-2020" by DHS Foundation, New Delhi and Campbell University, North Carolina, USA at PERFICIO AWARDS-2020. He has also delivered numerous invited talks in various international conferences and seminars. He is also editorial member in many peer reviewed journals.



Dr. B. M. Nagabhushana was awarded Ph.D on

Combustion, synthesis, characterization and study of magnetic properties of alkaline substituted lanthanum manganites from Bangalore University. He is currently working as Head of the department of chemistry, Ramaiah institute of technology. His research interests include, preparation of Nano-structured materials and their usage for fluoride removal, Green synthesis of metal oxide Nano materials and their applications, Nano catalysts, Nano sensors, Nano pigments, solid oxide fuel cell electrodes materials, Nano ceramics, synthesis of Nano materials by wet chemical methods and their utilization in anti-bacterial activity, Physical, chemical and biological analysis of water samples etc. Dr. B. M. Nagabhushana has published over 200 research papers in peer reviewed national and international journals. 12 research scholars have received Ph.D degree under his guidance. He is a life member of many scientific and professional bodies. As a Vice-President of Luminescence Society of India, Karnataka Centre (LSIKC) he is regularly conducting number of zero budget programs in the interest of researchers and society at large.

ORGANISING COMMITTEE

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Non-Teaching Staff

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Shri. P.H. Shettar

Shri. M. J. Yeli

Webinar Schedule:

Inauguration and Prayer	10.30 am to 11.00 am
Technical Session - I	11.00 am to 12.30 pm
Technical Session - II	12.30 pm to 2.00 pm
Discussion and Valedictory	2.00 pm onwards

Registration is open to Academicians, Research Scholars and Students (UG/PG).

No Registration Fees

Registration Link:

<https://forms.google.com/opT9zzq1mLfhyxLk6>

Whatsapp Group Link:



Group-1,

<https://chat.whatsapp.com/HtyeumfDaqiABtrsNL0xBS>

Group-2,

<https://chat.whatsapp.com/Jady2tlmIYrBklSfupZqf4>

Group-3,

<https://chat.whatsapp.com/HwMY1m57oBNDImUowVr9QH>

Webinar Joining Link



<https://meet.google.com/mac-rxzk-ggn>

Date and Time:

5th Feb 2022, 10.30am to 2.00pm

All are Cordially Invited

