

Mungasaji Maharaj Mahavidyalaya, Darwaha

“Neoteric Development of Cosmology and Gravitational Theories”

(Cosmology)

29 September, 2021

Report:-

One day International webinar organized by Department of Mathematics, Mungasaji Maharaj Mahavidyalaya Darwaha and Department of Mathematics, Government College of Engineering, Nagpur on dated **29 September, 2021**. The theme of this webinar was “**Neoteric Development of Cosmology and Gravitational Theories**”. Delegates Speakers & Participants from India as well as Abroad Countries showed an enthusiastic participation in this conference.

Hon'ble Vasant Ghuikhedkar, President Vidya Prasarak Mandal Darwaha was the Chairman of the Inaugural Function. Hon'ble Prof. Dr. Dnyaneshwar D. Pawar, Director and Professor School of Mathematical Science, S.R.T.M.U., Nanded, the Inaugurator of the Conference, Hon'ble Prof. Dr. V. S. Jamode, Former Pro- Vice chancellor, SGBAU, Amravati, Chief Guest of the Inaugural ceremony, Dr. Sangeeta Ghuikhedkar. Secretary, Vidya Prasarak Mandal Darwaha, Guest of Honor, Dr. V. B. Raut, Principal, Mungasaji Maharaj Mahavidyalaya, Darwaha, Dr. N. D. Ghawghawe, Principal of Government College of Engineering, Nagpur graced the Inaugural Function.

Miss. Dhanshree D. Kothekar introduced the guests and delivered the Welcome Speech. Dr. V. B. Raut gave idea about the webinar. Hon'ble Prof. Dr. Dnyaneshwar D. Pawar talk about importance of research in relativity.

Hon'ble. Vasant Ghuikhedkar in his Presidential Speech addressed the gathering giving the message that organization of such events and innovative practices will be helpful for the students & researchers coming from the rural areas as well as will provide an opportunity to exchange innovative ideas among them.

The invited Speakers of webinar Dr. Gauranga Charan Samanta Associate Professor, P. G. Dept. of Mathematics, Fakir Mohan University, Balasore, Odisha Visiting Associate, IUCAA (Inter-University Centre for Astronomy and Astrophysics), Dr. Shibesh Kumar Jas Pacif Assistant Professor (Senior Grade) Centre for Cosmology and Science Popularization (CCSP)SGT University, Gurugram, Haryana, India and Dr. Zeeshan Yousaf Assistant Professor Department of Mathematics, University of the Punjab, Quaid-i-Azam Campus, Lahore, Pakistan enlighten the Sessions with their Knowledge & Innovative Research.

The webinar has received overwhelming response from academicians of various universities and colleges not only from various parts of the country but also from abroad. We have received large number of research papers for presentation and publication focusing different aspects of the subjects. Various Research scholar also participate in webinar.

To make this webinar a grand success Dr. Y.S. Solanke Professor Department of Mathematics Mungasaji Maharaj Mahavidyalaya, Darwha, Dr V J Dagwal, Head and Assistant professor, Department of Mathematics, Govt. College of Engineering, Nagpur, Head of Science Faculty & all the teaching as well as non-teaching staff put their great efforts.

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International Webinar on "Neoteric Development of Cosmology and Gravitational Theories"

YAVATMAL / NAGPUR POST 17 Oct : Mathematics knows no limits, says Dr. Dnyaneshwar Pawar, Professor and Director of School of Mathematical Sciences Swami Ramanand Tirth Marathwada University, Nanded, Maharashtra. "Encouragement, enthusiasm, excellency is one of the major aspects of the organization. With an object of 'encouraging the spirit of research and innovations', every institute must organize such type of events", said Inaugurator Dr. Dnyaneshwar Pawar, SRTMU Nanded. He was speaking during the inaugural session of one-day International Webinar on "Neoteric Development of Cosmology and Gravitational Theories" jointly hosted by the Department of Mathematics and IQAC Mungasaji Maharaj Mahavidyalaya, Darwha and

Department of Mathematics, Government College of Engineering, Nagpur. Three Resource Persons from three diverse origins, including Pakistan, Odisha and Haryana, were taken part to share their thoughts and ideas on critical mathematical concepts like Cosmology, Dark Energy, Particle Energy, Mathematical Modelling, Complex Systems. More than 194 students and faculties from Basic Sciences and Engineering Colleges all over India participated in this International Webinar organized by Mungasaji Maharaj College Darwha in Collaboration with Department of mathematics Government college of Engineering Nagpur. Principal of Mungasaji Maharaj Mahavidyalaya Darwha, Dr. Vilas Raut, heartily welcomed all the delegates, faculty members, and participants in his opening

remarks. Convener Dr. Yadao Solanke, Professor in Department of Mathematics, Mungasaji Maharaj Mahavidyalaya, Darwha, in his introductory speech, wonderfully explored the audience the purpose of this kind of webinars. Guest of Honour Dr. N.D. Ghawghawe, Principal, GCOE, Nagpur, had been rightly pointed out that "Teachers are always ready to accept challenges and wisely overcome them". Successful organization of such spectacular events becomes possible only due to extreme motivation from our Chief Patron Shri. Vasantbhau Ghuikhedkar Sir, President, Vidya Prasarak Mandal, Darwha and Patron Prof. Sangeetatai Ghuikhedkar, Secretary, Vidya Prasarak Mandal, Darwha. Co-convenor Dr VJ Dagwal, Head and Assistant Professor in Department of

Mathematics, Government college of Engineering, Nagpur, proposed the vote of thanks for this inaugural session. In the technical session, the first keynote speaker Dr. Gauranga Samanta, Associate Professor, P. G. Dept. of Mathematics, Fakir Mohan University, Balasore, Odisha and Visiting Faculty at IUCAA, India, passionately elaborated the topic 'Background of Cosmology'. "Mathematics is the Language discovered by the universe. Nature and cosmology are the two sides of a single coin. Dark Energy is an essential ingredient of today's cosmology", said Dr. Shibesh Kumar Jas Pacif, Assistant Professor (Senior Grade), Centre for cosmology and Science Popularization (CCSP), SGT University, Haryana, India, while delivering his address on the topic 'The Physical Universe: Observational Status and

Mathematical Modelling. Dr. Zeeshan Yousaf, Assistant Professor, Dept. of Mathematics, University of the Punjab, Quaid-i-Azam Campus, Lahore, Pakistan, added glory to the atmosphere and developed the skill of excellency by sharing his profound knowledge on the topic 'Role of Structure of Scalars on the Study of Complex Systems. All the organizing committee members Prof Chakwe, Prof Hurde, Prof Bageshwar, Dr Rashidi, Dr Bhagawat, Dr Yarasu, Mr Jolhe, Ms Dhanashree Kothekar, Ms Neha Mahurkar, Ms Rita Shende, Ms. Pallavi Jikar, Ms. Harshada Bilgaye, Ms. Shraddha Ghangare, Mr Akshay Kale worked hard for the victorious administration for this webinar. Asst. Prof. Ms. Dhanshree Kothekar superbly hosted the complete webinar. Prof Solanke proposed vote of thanks.



