**CURRICULUM VITAE**

**PERSONAL DATA:**

Name : Dr. B. Jagan Mohan Rao

Father’s name : Subba Rao

Date of birth : 15-06-1966

Designation : Professor of Mathematics

Institution : YVNR. GDC Kaikaluru

HRMS ID : 0451214

CFMS ID : 14453981

Mobile No : 8008582525

E-mail : [**drbjmr9@gmail.com**](mailto:drbjmr9@gmail.com)

**Various Positions Held**

* University Nominee in Mathematics of Y.N.College, Narasapur 2022 –2024
* University Nominee in Mathematics of D.N.R College, Bhimavaram 2022 - 2024
* Member BOS Mathematics Sir C. R. Reddy College, Eluru 2022 – 2024
* **Administrative**: Lecturer and HOD of Mathematics,

In Sir.C.R.Reddy Degree College, Eluru. 01-07-1994 to 10-09-2021

* Dr B. R. Ambedkar Open University Coordinator. 07-11-2018 to 09-09-2021
* Member BOS Mathematics A.N.R.College, Gudivada. 2019 – 2021
* Member BOS Mathematics D.N.R College , Bhimavaram 2019 – 2021
* Member BOS Mathematics AG & SG Siddhartha Degree College,

Vuyyuru 2019 – 2021

* Member BOS Mathematics V.S.M College, Ramachandrapuram 2019 – 2021

* Organizing Secretary International Seminar in Sir C.R. Reddy College,

Eluru. Feb 27th and 28th , 2020

* Organizing Secretary National Seminar in Sir C.R. Reddy College,

Eluru Dec 9th and 10th , 2016

* Book Store In-Charge Sir C.R. Reddy College, Eluru 2004 – 2010

**ACADEMIC EXPERIENCE**

* Professor, YVNR Govt. Degree College, Kaikaluru. 2021 –
* Lecturer in SIR C R REDDY college,Eluru 1994-2021

**EDUCATIONAL QUALIFICATION**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| S.No. | Examination and year | Subject | School/College attended | Name of the Board /  University | % of marks  obtained | Division/Class/ GPA | Year of Passing |
| 1. | Ph.d | Applied Mathematics | Andhra  University | vishakapatnam | - | A | 2015 |
| 2. | P.G | Applied Mathematics | Kakatiya University | Kakatiya University,  Warangal | 68 | I Class | 1990 |
| 3. | Degree | B.Sc | Sir C R Reddy  College, Eluru | Andhra  University | 55 | II Class | 1986 |
| 4. | Inter | MPC | Sir C R Reddy  College, Eluru | Board of Intermediate,  AP | 80 | I Class | 1983 |
| 5. | S.S.C | Composite Maths | St.Xavier High School, Eluru | Board Of  Secondary Education, AP | 68 | I Class | 1981 |

**Areas of Interest**

* STUDY OF BIANCHI SPACE TIMES IN DIFFERENT THEORIES OF GRAVITATION

**Work Shops Attended**

* Science, Technology & Innovation are the key drivers for self-reliant India on 27th-28th February 2022 (D.R.G.GOVERNMENT DEGREE COLLEGE Tadepalligudem-534101)
* One Day National Workshop On PPT’s,Video Making &Video Editing Throught OBS And Openshot Software Tools on 22-10-2022 ----- (V.K.V.GOVT DEGREE COLLEGE,KOTHAPETA)
* Environmental Sustainability and Development on 9th &10th nov,2022 ---(Y.V.N.R.GOVT DEGREE COLLEGE)

**REFRESHER/ORIENTATION/TRAINING COURSES ATTENDED**

* Refresher course, Academic Staff College, Andhra University
* Refresher Course, Academic Staff College, Andhra University
* Orientation Course Academic Staff College, AU, Waltair.
* Refresher Course, Mathematics in academic stuff college A.N.U

**DECLARATION**

I declare that all the statements made in this application are true to the best of my knowledge and belief.

Date:

Signature of the applicant

**RESEARCH PUBLICATIONS :**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S.no** | **Title of the Paper** | **Name of the Journal** | **ISSN/ISBN No** | **DATE** | **VOLUME** |
| 1 | Kaluza-Klein radiating model in a general scalar-tensor theory. | Astrophysics and International Journal f Astronomy , Astro-physics and Space science. space science. | ISSN0004-640X | 2ND September 2011 | Volume 337,Number 2 |
| 2 | LRS Bianchi Type-1 Cosmological Viscous Fluid Universe Coupled with a scalar Field in Einstein Theory of Gravitation. | Pre-space time Journal Published by Quantum Dream, Inc.,  www.prespacetime.com | ISSN:2153-8301 | July 2013 | Volume 4/Issue 6/pp.629-640 |
| 3 | Perfect fluid Dark Energy Cosmological Models in Saez- Ballester & Einstein Theory of Gravitation | Pre-space time Journal Published by Quantum Dream, Inc.,  www.prespacetime.com | ISSN:2153-8301 | September 2013 | Volume 4/Issue 8/pp.807-820 |
| 4 | A New class of Bulk Viscous Cosmological Models in a Modified Theory of Gravity. | Pre-space time Journal Published by Quantum Dream, Inc.,  www.prespacetime.com | ISSN:2153-8301 | July 2014 | Volume 5/Issue 6/pp.521-540 |
| 5 | Bulk Viscous Cosmological Models Coupled with a scalar Field in Einstein Theory of Gravitation | Pre-space time Journal Published by Quantum Dream, Inc.,  www.prespacetime.com | ISSN:2153-8301 | August 2014 | Volume5/Issue 8/pp.758-771 |
| 6 | Bulk Viscous Bianchi Universe Coupled with Zero Mass Scalar field in General Relativity | Pre-space time Journal Published by Quantum Dream, Inc.,  www.prespacetime.com | ISSN:2153-8301 | August 2014 | Volume 5/ Issue 8/pp.772-784 |
| 7 | LRS Bianchi type-1 Generalized ghost pilgrim dark energy models in SAEZ-BALLESTER Theory w with linearly varying declaration parameter | Bulletin of Mathematics and statistics research | ISSN:2348-0580 | April,2017 | Volume5 1 S1.2017 |
| 8 | Applications of Differential equations in engineering | Bulletin of Mathematics and statistics research | ISSN:2348-0580 | April,2017 | Volume5 1 S1.2017 |
| 9 | Plane symmetric string cosmological models in biometric theory of gravitation | International Journal of Advanced research trends in engineering and technology | ISSN:2394-3777 | 21,August 2017 | Volume 4 |
| 10 | BIANCHI TYPE-1 TSALLISHOLOGRAPHIC DARK ENERGY MODEL IN SAEZ-BALLESTER SCALAR-TENSION THEORY F GRAVITATION | MATHEMATICAL SCIENCES INTERNATIONAL RESEARCH OURNAL | ISSN:2278-8697 | February 2020 | Volume 9 Issue 1 |
| 11 | BIANCHI TYPE-VI BULK VISCOUS STRING COSMOLOGICAL MODEL IN f® GRAVITY | IOP Conf. series: Journal of Physics: Conf. Series doi:10.1088/1742-6596/1344/1/012038 |  | 2019 |  |
| 12 | Kaluza-Kelvin Holographic Cosmological Model in Brans-Dicke Theory of Gravitation | International Journal of pure and applied Mathematics  www.ijpan.eu | ISSN:1314-3395 | 2017 | Volume no 117(online version special issue) |
| 13 | Heath effects due to the water pollution and preventive Measures | Roshan publications | ISBN:978-93-86251-20-6 | 04-05,OCTOBER 2016 | Page no.372-377 |

# Achievements :

# Acted as Organizing Secretary for National/International seminars

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| --- | --- | --- | --- |
| S.NO | NAME OF THE ACTIVITY | NAME OF RESOURCE PERSON | DATES CONDUCTED |
| 1 | National Seminar-Emerging a Trends in Mathematics | 1.DrN.V.Vignesam, Retired Head, Orbit Dynamic Division ISRO Satellite centre , Bangalore  1. Prof .Y .V .S. S .Sanyasi Raju , IIT, Chennai.  3.Prof.B.Mishra, BITS PILANI, Hyderabad  4.Prof.G.Sarojamma, Former Vice-Chancelor, Sri Padmavathi Mahila viswa vidyalayam , Tirupathi  5. Prof. Y .N .Reddy. Registrar, NIT Warangal  6.Prof.D.R.K.Reddy Rtd. Head, Applied mathematics, A.U. Vishakapatnam  7.Prof.B.SriPadmavathi, Dean of school of Mathematics& Statistics, U.O.H. Hyderabad. | 8-122016 to 9-12-2016 |
| 2 | International Conference on Industrial applications of Mathematics, Statistics and Computer science - 2020 | Prof. Dr .G. Kuppura  Prof. Dr .D. Krupa Daniel  Prof. Dr .K V V SeshagiriRao  Prof. Dr .P. Vijay Vani  Prof. Dr.V.Ch. Venkaiah  Prof. Dr. P. Venkateswara Rao  Prof. Dr. B. Re. Victor Babu | 27-02-2020 to 28-02-2020 |