

D.N.R.COLLEGE(AUTONOMOUS):: BHIMAVARAM

FACULTY PERSONAL PROFILE

1. Name : Prof. B. Jyothi
2. Designation & Faculty : Professor & Mathematics
State level Best teacher awardee for the year 2023
3. Father's Name : Boda Veeraswamy
4. Age & Date of Birth : 48, 16.02.1970
5. Educational Qualifications : M.Sc., M.Phil., Ph.D.
6. Area of Specialization : Operations Research
7. Date of Joining :25-02-1997
8. Publications (From 01-01-2013 to till date)



Sl. No	Name of the Journal	Title of the Article	Names of the Authors	ISSN / ISBN No.	Publication Details	Impact Factor
1	J. Math. Comput.Sci.3(2013) No.5	Slip effects on MHD peristaltic transport of a Williamson fluid through a porous medium in a Symmetric channel	B. Jyothi P.Koteswara Rao	ISSN 1927-5307	July21,2013 1306-1324	5.962
2	International Journal of Mathematics Archive-4(8) 2013	Influence of Magnetic field on Hyperbolic Tangent fluid through a porous medium in a planar channel with peristalsis	B.Jyothi P.Koteswara Rao	ISSN 2229-5046	Aug-2013 1-12	4.908
3	J.Math.Comput.Sci	Effects of Magnetic field on the flow of a Jeffrey fluid through a porous medium in an annulus with peristaltic	B.Jyothi B.Satyanarayana	ISSN 1927-5307	Oct,22,2014 1-15	5.962

4	South Asian Journal of Mathematics 2015,Vol-5(1)	Slip effects on Peristaltic transport of a prandtl fluid in a channel under the effect of magnetic field.	B.Jyothi B.Satyanarayana M.V.Subbareddy	ISSN 2251-1512	2015 1-12	0.625
5	International Journal of Academic research	Impact of Demonetization in India	B.Jyothi	ISSN 2348-7666	Dec-2016 28-30	4.535
6	International Journal of Academic research Vol-(4) issue3(3)	Make in India – Advantages and disadvantages	B.Jyothi	ISSN 2348-7666	March-2017 117-119	4.535
7	International Journal of Academic research Vol-(4), issue 3(5)	Dr. B.R.Ambedkar – Women Empowerment in India	B.Jyothi	ISSN 2348-7666	March-2017 30-34	4.535
8	International Journal of Science and Research Vol-6, issue-3	Slip Effects on the peristaltic flow of carreau fluid in a planar channel under the effect of a magnetic field.	B.Jyothi AWS Safaa Mahdi B.Satyanarayana	ISSN 2319-7064	March-2017 354-360	6.391
9	Bulletin of Mathematics and Statistics Research	Ideals in Regular Rings	B.Jyothi	ISSN 2348-0580	April-2017 23-28	4.495
10	U.G.C. Journal	Ideal Structure in 3 – rings	B.Jyothi	ISBN-978-93-85101-95-3	20 TH & 21 ST Sept 2017 260-267	6.023
11	IAETSD Journal for advanced Research in applied Sciences	On Lattice – ordered near rings	B.Jyothi	ISSN 2394-8442	Dec 2017 105-118	5.8
12	IAETSD Journal for advanced research in applied sciences	Riemann first proof of analytic continuation of the Riemann Zeta function $\zeta(s)$ and Dirichilit L-function $L(S, \chi)$	B.Jyothi	ISSN 2394-8442	Dec-2017 119-133	5.8
13.	International Journal of	Advantages and disadvantages of G.S.T.	B.Jyothi	ISBN-978-93-83729-	Jan-2018 50-54	6.023

	Academic Research			17-9		
14.	International Journal of Academic Research	Dr.B.R.Ambedkar and Women Empowerment in India	B.Jyothi	ISSN-2348-7666	March-2017	4.535
15.	International Journal of Academic Research	Make in India – Advantages and disadvantages	B.Jyothi	ISSN-2348-7666	March-2017	4.535
16.	International Journal of Science and Research	Slip effect on Peristaltic Flow of a Carreau Fluid in aplanne Channel under the effect of a Mathematic Field	B.Jyothi	ISSN-2319-7064	March-2017	6.391
17.	Mathematical sciences International research Journal	Game Theory –Graphical Solution of $\{n \times 2\}$ game	B.Jyothi	ISSN-2278-8697	February 2020	2.73
18.	Mathematical sciences International research Journal	Riemann first proof of analytic Continuous of the Riemann zeta function and Dirichlet L- function	B.Jyothi	ISSN-2278-8697	February 2023	2.73
19.	Journal of applied Science and computations	Multiple optimal solutions in assignment problem- Hungarian Method	B.Jyothi	ISSN-1076-5131	Sept-2022	2.73

9.Seminars, Conferences, Refresher Courses, Guest Lectures delivered etc., attended:

S. No.	Name of the Seminar / Symposia / Conference , etc.,	Name of the Organizer	Duration		Nature of the Participation
			From	To	
1	National Seminar on “Mother Tongue Vs English”	K.G.R.L.Degree College, Bhimavaram	10.12.2014	11.12.2014	Paper Presented
2	National workshop on “Differential Equations – Applications – Sciences”	CH.S.D.ST.Theresa’s(Aut) College for Women, Eluru	15.12.2014	16.12.2014	Participated
3	National workshop on “Recent trends in Algebra and its Applications-2015”	K.B.N.College, Vijayawada			Presented a paper

4	National Seminar on “Recent developments in Mathematics and its applications”	K.G.R.L.College, Bhimavaram	03.03.2015	04.03.2015	Paper presented
5	National conference on “Advances in Mathematical Sciences”	K.B.N.College, Vijayawada	2015		Paper presented
6	National workshop on “Applications of Differential Equations”	CH.S.D.ST.Theresa’s (Aut) College for Women, Eluru	18.12.2015	19.12.2015	Participated
7	Workshop on “Role of Mathematics in technical education-2016”	S.R.K.R.Engineering College, Bhimavaram			Participated
8	National Seminar on Promoting Excellence in Higher education issues and Challenges”	Sri Y.N.College, Narasapuram	08.01.16	09.01.16	Participated
9	Workshop on “Choice based credit system and skill based best practices in the colleges.”	K.G.R.L(Aut) College, Bhimavaram	28.01.2016		Participated
10	National Seminar on “Make in India-the Dimensions and Prospects”	D.N.R.(A) College, Bhimavaram	12.02.2016		Paper presented
11	National conference on “Recent trends in Mathematics”	Tata Institute of Social Sciences, Tuljapur	15.07.16	16.07.16	Paper presented

12.	National Seminar on “Relivance of Gandhian ideology to the present Society”	SK.S.D.MahilaKalasala, Tanuku	17.09.16	18.09.16	Paper presented
13	National Seminar on Environmental protection and sustainable development issues and challenges	Sir C.R.Reddy (Aut) College, Eluru	22.09.16	23.09.16	Protection of environment for sustainable development.
14	National Seminar on “Recent trends and Applications in Mathematics & Statistics”	P.R.Govt. College, Kakinada	28.09.16	29.09.16	Paper presented
15	National Seminar on “Emerging trends in Mathematics”	Sir C.R.Reddy College, Eluru	08.12.16	09.12.16	Paper presented

16	National seminar on “Demone tization in India”	D.N.R.(A) College, Bhimavaram	16.12.2016		Paper presented
17	National Seminar on “Make in India-prospects and Challenges”	S.K.S.D.MahilaKalasala, Tanuku	08.03.17	09.03.17	Paper presented
18	National Seminar on “Ambedkar and Indian Democracy”	S.K.S.D.MahilaKalasala, Tanuku	30.03.17	31.03.17	Paper presented
19	National seminar on “Role of physical education and Yoga in Human development”	S.K.S.D.MahilaKalasala, Tanuku	19.06.17	20.06.17	Participated
20	International conference on “Recent Advancement in technical field of computer science & mathematics”	Ch.S.D.S.T.Theresa’s College for Women, Eluru	21.08.17	22.08.17	Participated
21	National seminar on “Recent trends in Mathematics and Mathematics application”	J.M.J.College for women, Tenali	20.09.17	21.09.17	Paper presented
22	National workshop on “Space dynamics”	Sir C.R.Reddy College, Eluru	04.10.17	06.10.17	Paper presented
23	International conference on “Recent innovations in Computer and Mathematics”	J.M.J.College for Women, Tenali	16.11.17	17.11.17	Paper presented
24	International conference on “Recent innovations in Computer and mathematics”	J.M.J.College for Women, Tenali	16.11.17	17.11.17	Paper Presented
25	National Seminar on “Goods and Services Tax”	D.N.R(A) College, Bhimavaram	09.01.2017		Paper presented
26	National Seminar on “The implementation of G.S.T.in India Economy – issues and Challenges”	K.G.R.L.College, Bhimavaram	30.01.18	31.01.18	Paper presented
27	International conference on “Women in 21 st Century, Challenges & Opportunities”	CH.S.D.ST.Theresa’s College for Women, Eluru	09.02.18	10.02.18	Paper presented
28	One week online national fdp on “mathematical elements in engineering and applied sciences”	Gayatri vidya parishat college of engineering for women , vizag	21 07 20	25 07 20	Participated
29	National webinar on fascinating	Siddartha college of arts	27 06 20		Participated

	world of mathematics and its applications at blood flows	and sciences , vijayawada			
30	National level fdp on online teaching using ict tools	Svkp and dr ks raju arts and science college , penugonda	23 06 20	25 06 20	Participated
31	National leve online test on aptitude and reasoning - 2020	Svkp and dr ks raju arts and science college , penugonda	02 06 20		Participated
32	International webinar on fluid dyanamics and its applications	Government first grade college , vijayanagara bengaluru	28 05 20	29 05 20	Participated
33	International webinar on recent trends in applied mathematics	Patrician college of arts and sciences , chennai	24 06 20	26 06 20	Participated
34	International webinar on pure and applied mathematics	Mvnjs and rvr college arts and sciences , rajahmundry	26 06 20		Participated
35	National webinar on how to create course and course activities in open source online learning	Hindu college , guntur	14 06 20		Participated
36	National webinar on tools and strategies of ict for interactive pedagogy	Jmj college for women , tenali	22 06 20		Participated
37	National webinar on concepts of real analysis	Srbgnar government arts and science college , khammam	23 11 20		Participated
38	Arthinity – national webinar on declining GDP causes and measures	Sgk government degree college , vinukonda	04 10 20		Participated
39	National webinar on the synergy of mathematics and astronomy	Little flower degree college , Hyderabad	10 08 20		Participated
40	National webinar on impact of covid – 19 on Indian economy	St joseph college for women , vizag	12 06 20		Participated
41	National webinar on ict tools	Scim government degree college , tanuku	29 06 20		Participated

42	National webinar on pigeon hole principle – a popular talk	Rajeev Gandhi university knowledge technologies , ap	25 07 20		Participated
43	A three day national webinar on current trends in mathematical applications in engineering	Rajeev Gandhi university knowledge technologies , ap	05 11 20	07 11 20	Participated
44	National webinar on mathematics education in india : retrospect and prospect	Mizoram university , aizawl	10 09 20		Participated
45	International webinar on yoga	Sg government degree college , pileru	21 06 20		Participated
46	National webinar on recent trends and applications in graph theory	Government degree college , pitapuram	27 09 20		Participated
47	National webinar on mathematics and its applications and ganitha dasavadhanam	Acharya nagarjuna university , guntur	22 12 20		Participated
48	International webinar on mensuration of the circle in ancient india	Srr government arts and science college , karimnagar	23 12 20		Participated
49	Six day faculty development programme on applications of mathematics in engineering	Kpriet , coimbatore	20 07 20	25 07 20	Participated
50	International webinar on srinivasa ramanujan , his life and his work	Kpriet , coimbatore	16 12 20		Participated
51	Two day international webinar on recent advances in mathematics and covid – 19	St joseph college for women , vizag	15 06 20	16 06 20	Participated
52	National online quiz on solid geometry	Government degree college , icchapuram	21 07 20		Participated
53	National level e – quiz	The ramanujan math club of cbit , Hyderabad	24 07 20		Participated

54	National e – quiz on mathematics and its applications	Lord’s institute of engineering and technology , Hyderabad	13 06 20		Participated
55	National level e – quiz in differential equations	Vagdevi college of engineering , Warangal	17 09 20		Participated
56	National level e – quiz on numerical and reasoning	balaji institute of technology and science , Warangal	25 08 20		Participated
57	National level e – quiz on mathematics and covid – 19	Vsr and nvr college , tenali	06 11 20		Participated
58	National level mathematics e – quiz on operations research	Palamuru university , kollpur	21 07 20		Participated
59	National level e – quiz on engineering mathematics	Mother teressa institute of science and technology , sattupalli	07 10 20		Participated
60	National level e – quiz on reasoning	Skbr government degree college, macharla	12 07 20		Participated
61	National level e – quiz on mathematics	Annamalai university , tamilnadu	2020		Participated
62	National level e – quiz on history of mathematics	Government degree college, rayachoty	13 07 20		Participated
63	National level e – quiz on pedagogy techniques	Jyothishmathi college of education , karimnagar	23 06 20		Participated
64	National level e – quiz on basic principles of physics	Sir crr college , eluru	06 06 20		Participated
65	National level e – quiz on mathematics , statistics and aptitude	Sri y n college , narasapur	30 06 20		Participated
66	National level e – quiz on environmental awareness	Maharajahs college , vizayanagaram	24 06 20		Participated
67	National level e – quiz on health education	Ds government degree college , ongole	23 06 20		Participated
68	A three day national level faculty development programme on online	Svcp and dr ks raju arts and science college ,	23 06 20	25 06 20	Participated

	teaching using ict tools	penugonda			
69	One week online faculty development programme on mathematical elements in engineering and applied sciences	Gayatri vidya parishad college of engineering for women , vizag	21 07 20	25 07 20	Participated
70	E – quiz in mathematics	Reva university , bengaluru	19 06 20		Participated
71	A three day national webinar on current trends in mathematical applications in engineering	Rajeev Gandhi university knowledge technologies , ap	05 11 20	07 11 20	Participated
72	One week online national level faculty development programme on role of mathematics latest engineering trends	Lord’s institute of engineering and technology , Hyderabad	04 06 21	10 06 21	Participated
73	Nationa webinar on mathematical approaches in science and engineering	Lord’s institute of engineering and technology , Hyderabad	22 05 21		Participated
74	One week online faculty development programme on recent research developments in mathematics , statistics and their applications	Gmr institute of technology , kakinada	20 05 21	26 05 21	Participated
75	National webinar on how to prepare net , gate and other phd exams	Rbvrr womens college , hyderabad	19 03 21		Participated
76	International e – conference on advances in mathematical sciences	Andhra loyala college , vijayawada	08 01 21	09 01 21	Paper presented
77	National webinar on violence against women	Schvpmr government college	06 12 21		Participated
78	National webinar on intellectual property rights	DNR College (A) , Bhimavaram	24 07 21		Participated
79	International webinar on business intelligence and its role around the globe	DNR College (A) , Bhimavaram	17 07 21		Participated

80	Online quiz on the occasion of azadi ka amrut mahostav	Gdc , bantumilli	17 08 22		Participated
81	National online quiz on yoga for humanity	Government degree college , maidakuru	21 06 22		Participated
82	National webinar outcome based education	Abr government degree college , repalle	30 01 22		Participated
83	International symposium on mathematical sciences and their applications -2022	Yogi vemana university , kadapa	28 01 22	29 01 22	Participated
84	International webinar on applications of differential geometry	Mm deemed university , mollana ambala	10 02 22		Participated
85	Inter disciplinary six day national webinar cum faculty development programme on emerging trends and technologies in development of skills in higher education	Jmj college for women , tenali	21 11 22	26 11 22	Participated
86	Five day national level faculty development programme on effective pedagogy for science	Jmj college for women , tenali	29 11 22	03 12 22	Participated
87	National work shop on ppts and video making	Vkv government degree college , kothapeta	22 10 22		Participated
88	National webinar on applications of mathematics	Ds government college for women , ongole	30 08 22		Participated
89	Zero to infinity : international workshop on carrier awareness	Sus government college , haryana	18 01 22	22 01 22	Participated
90	National webinar on basics of mat lab	Svkp and dr ks raju arts and science college , penugonda	14 05 22		Participated
91	Five day online faculty development programme on applications mathematics in applied sciences in engineering	Gmr institute of technology , rajam	30 01 23	03 02 23	Participated

92	One week international virtual faculty development programme on innovative teaching and learning pedagogies	Satyabhama institute of science and technology , chennai	04 10 23	11 10 23	Participated
93	Ugc sponsored One day online seminar on gender equality	Kvr and mkr college , kazipalem	10 08 23		Participated
94	One week international faculty development programme on mathematics in real , applied and computational domains	Satyabhama institute of science and technology, chennai	03 07 23	08 07 23	Participated
95	International webinar on introduction to data analytics	DNR College (A) , Bhimavaram	03 03 23		Participated
96	Five day inter disciplinary on institutional initiatives for effective assessment and accreditation in the context of NEEP 2020	Sri subbaraya and narayana college , narsaraopeta	07 08 23	11 08 23	Participated
97	National level mathematics quiz	Svkp and dr ks raju arts and science college , penugonda	14 03 23		Participated
98	International virtual faculty development programme on artificial intelligence : challenges and opportunities in research and education	Government degree college , khulgam	20 09 23	26 09 23	Participated
99	One week online faculty development programme on emerging trends in information technology	Social welfare essential degree college , karimnagar	01 04 24	06 04 24	Participated
100	NEEP 2020 orientation programme (UGC)	MANU university , hyderabad	18 03 24	27 03 24	Participated

