Faculty profile

1. NAME   :   **Dr. SATISH BHAURAO CHAVHAN**

M.Sc. (Math), B.Ed, M.Phil, PGDS, Ph.D.

Assistant Professor and Head Department of Mathematics
Digambarrao Bindu ACS College, Bhokar, Dist. Nanded
db.college@rediffmail.com

2. CORRESPONDENCE ADDRESS   : Sharda Nagar Nanded

Dist. Nanded -431605

3. MOBILE NO.   :   9923913292

4. E-MAIL ADRESS   :   sbcmath2015@gmail.com

5. NATIONALITY   :   Indian

6. MALE OR FEMALE   :   Male

7. **DEPARTMENT**   :   **MATHEMATICS**

8. AREA OF SPECIALIZATIONS   : Integral transforms, differential equations

9. Academic Vitae (attach documents) :

Exam	Uni./Board	Year of Passing	Subjects
H.S.C.	Amravati	1999	Mar, Eng, Math's, Phy, Chem. Bio.
Graduation 1. B. Sc.	S.G.B.A.U. Amravati	2003	Phy, Chem, Maths.
2. B. Ed.	R.S.T.M. Nagpur University	2005	Maths, Sci Methods
Post Graduation 1. M. Sc.	S.R.T.M.U. Nanded	2008	Mathematics
M.Phil.	S.G.B.A.U.	2009	Mathematics

	Amravati		
Ph.D.	S.R.T.M.U. Nanded	2012	Mathematics
P.G. Diploma in Statistics	YCMO University Nasik	2020	Statistics
MS-CIT or Equivalent	ADCSSAA	2002	

10. University approved   **: Total**   **UG level: 10 Years**
     Teaching experience (Annexure I)   **No. of years**   **PG level: 03Years**

Sr. No	Name of the Institution	Post held & R / T / C & Pay Scale	From	To	Present Basic Pay Full Time / Part Time	Reasons for leaving services if any
1	Yeshwant Mahavidyalaya, Nanded	On clock Hour Basis	2009	2013	Remunerative payment for lectures on CHB	
	Yeshwant Mahavidyalaya, Nanded	Fix pay(Junior College)	2009	2011	---	--
2	Yeshwant Mahavidyalaya, Nanded	Permanent (Junior College)	18/4/2011	13/8/2014	---	Join Senior College
3	Digamrrao Bindu College Bhokar	Permanent	14/8/2014	Till date	15600-39100	--
4	D.B.College(YCMOU)	Co-Ordinator (M.Sc Math)	2014-15	Till		
5	D.B.College(YCMOU)	Co-Ordinator (B.Sc Math)	2020-21			

(R-Regular, T-Temporary, C-Contractual)

11. University approved P.G Teacher Recognition
Teaching Experience   Total: UG level: **10 Years**

<p style="text-align: center;">Total: Junior college: **05years (Non grant and Grant)**</p>

1. Worked as secondary school teacher in mathematics at Kai.Kashinath Gawande Shikshan Sansthas Chhatrapti Shahu Vidyalaya, Uti for 1 year from 2005 to 2006

2. Selected and worked as Lecturer in Mathematics from 2008 to 2011 as contract basis Junior college at Yeshawant Mahavidyalaya, Nanded

3. Selected and worked as Lecturer in Mathematics from 18-4-2011 to till dates as full time Junior college at Yeshawant Mahavidyalaya, Nanded

4. Selected and worked as Lecturer in Mathematics at senior college on clock Hour grant basis in 2009-2013 in Yeshawant Mahavidyalaya, Nanded

5. Selected and working as assistant professor in Mathematics from 14-08-2014 to till dates as full time in Digambarrao Bindu College Bhokar

6.Working as consoler of B.Sc & M.Sc (Math) P.G Course YCMOU

12.INTERNATIONAL AWARDS

Indo asian acdemic award (Young Scientist)	28-dec-2019	International	Iardo.com

13.Ph.D Research Guidance

Sr.No.	Name of Students	Research Title	Allotment Date
1	Vihar Shinde	Study of Some Transformation on Bohemians spaces &their Applications	19/12/2019
2	Santosh Bokhare	Study of Integral transform on Time Space and its Application	19/12/2019
3	Goverdan Bhumppale	Study of Integral S-Type Integral transform &their Applications	19/12/2019
4	Balaji Urekar	Dynamics of Diseases Transmission through Mathematical Model s	19/12/2019

14. Research Publication:
  a) Research papers Published in International Journal   : 27
  b) Publication of Reference Book/ Monograph / proceedings: 05
   Table-1: Research Publications in Journals / Periodicals / Conference Proceedings

Sr.	Name of	Name of	Are	Your	Title of	Year of	Referre	ISBN/	Level	API

No	Authors	the Principal/ Corresponding Author	you Principal/ Corresponding Author?	position in sequence of Authors	the Paper	Publication, Name of Journal, Volume & Page Nos.	d or Non-referred	ISSN No.	(Int./ Nat./ State/ Local)	Score
1	2	3	4	5	6	7	8	9	10	11
1	S.B. Chavhan V.C. Borkar A.S. Gudadhe	S.B. Chavhan	Yes	First	Some Aspects of Canonical Cosine Transforms of Generalized Function	Bulletin of pure and applied sciences. Vol 29E (No 1)2010 P- 101-110	Referred	ISSN-0970-6577)	International	09
2	S.B. Chavhan V.C. Borkar A.S. Gudadhe	S.B. Chavhan	Yes	First	Analyticity and Inversion for Generalized Canonical Sine Transforms	Applied Science Periodical Vol –XIV, No,2 May 2012	Referred	ISSN-0972-5504)	International	09
3	S.B. Chavhan V.C. Borkar	S.B. Chavhan	Yes	First	Some Properties and Applications of Generalized Canonical Transforms,	International Journal of Applied Sciences Vol-5 ,2011 No 7 P.309-314	Referred	ISSN-1312-885X	International	09
4	S.B. Chavhan V.C. Borkar	S.B. Chavhan	Yes	First	Canonical Sine Transform And Their Unitary Representation	Int.J. Contemp.Math. Sciences,Vol.7, 2012,no.15,717-725.	Referred	ISSN-1312-7586	International	09
5	S.B. Chavhan V.C. Borkar	S.B. Chavhan	Yes	First	Two Dimensional Generalized Canonical Cosine-Cosine Transform	International Journal of Mathematical Engineering & Science Vol1 Issue 4(April2012)p. 48-52	Referred	ISSN-2277-6982	International	09
6	S.B. Chavhan V.C. Borkar	S.B. Chavhan	Yes	First	Some Results OF Half Canonical Cosine And Sine Transform	IOSR Journal of Engineering May 2012,vol.2(5)pp:1111-1114	Referred	ISSN 2222-3021	International	09
7	S.B. Chavhan	S.B. Chavhan	Yes	First	Generalized Two Dimensional Canonical Transform	IOSR Journal of Engineering vol.2,issue 6(June2012),pp:1487-1491	Referred	ISSN-2250-3021	International	15

8	S.B. Chavhan	S.B. Chavhan	Yes	First	Properties of s-type spaces for distributional Canonical cosine Transform	Asian Journal Of Current Eng And Math's 4 Jul-Aug(2012) 237-240	Referred	ISSN-2277-4920	International	15
9	S.B. Chavhan V.C. Borkar	S.B. Chavhan	Yes	First	Operator Two Dimensional Generalized Canonical Sine Transform	International Journal of Engineering research and development vol 4,issue2(October 2012),pp.10-14	Referred	e-ISSN-2278-067X,p-ISSN:2278-800X	International	09
10	S.B. Chavhan V.C. Borkar	S.B. Chavhan	Yes	First	Operational Calculus of Canonical cosine Transform	Research Inventy International Journal of Engineering & Sciences ol.1 issue 7(November 2012),pp 01-05	Referred	ISSN-2278-4721	International	09
11	S.B. Chavhan	S.B. Chavhan	Yes	First	Modulation Generalized Canonical CS-Transform	International Journal of Advanced Research In Computer Engineering And Technology Volume1 issue 9,nov 2012	Referred	ISSN-2278-1323	International	15
12	S.B. Chavhan	S.B. Chavhan	Yes	First	Distributional Canonical sine Transform by using Gelfand-Shilov technique	International Journal of Advanced Research In Computer Engineering And Technology Volume1 issue 10,December 2012	Referred	ISSN-2278-1323	International	15
13	S.B. Chavhan	S.B. Chavhan	Yes	First	Generalizations of 2D-Canonical Sine-Sine Transform	Global Journal of Science Frontier Research Mathematics and Decision Sciences Volume 13 Issue 3 Version 1.0 Year 2013	Referred	ISSN: 2249-4626	International	15
14	S.B. Chavhan	S.B. Chavhan	Yes	First	Generalization of two dimensional canonical SS-transform	Archives of Applied Science Research, 2013, 5 (2):203-207	Referred	ISSN 0975-508X	International	15
15	S.B.	S.B.	Yes	First	CL	IJARET	Referred	ISSN0976-	INTERN	06

	Chavhan	Chavhan			TRANSFORM			6499	ATION AL	
16	S.B. Chavhan	S.B. Chavhan	yes	First	Useful results of HCC Transform	International Multilingul research journals	Refered	ISSN2394-5303	International	25
17	S.B. Chavhan	S.B. Chavhan	Yes	First	Optimistics Results of HCS TRANSFORM	I Res.J.of Science &Engineering ,2018Vol.6(2): 106-108	Referred	ISSN:2322-0015	INTERN ATION AL	17.5
18	S.B. Chavhan	S.B. Chavhan	Yes	First	Properties of Canonical – Laplace transform	IJRAR ,January vol.6,issue 1,298-300	Referred	E-ISSN 2348-1269	INTERN ATION AL	25
19	S.B. Chavhan	S.B. Chavhan	Yes	First	Analyticity and Uniqueness for C-L Transform	Review of Research,marc h 2019 ,vol.1 issue-3	Referred	ISSN 2249-894x	INTERN ATION AL	25
20	S.B. Chavhan	S.B. Chavhan	Yes	First	Fundamental Results of C-L TRANSFORM	Ajanta Vol.viii, issue-1-jan march 2019 ,122-126	Referred	ISSN 2277-5730	INTERN ATION AL	06
21	S.B.Chav han	S.B.Chav han	Yes	First	**Fundament s Results C-L transform**	IMQRJ ugc listed - 40776	Referred	ISSN-5730	INTERN ATION AL	17.5
22	S.B.Chav han	S.B.Chav han	Yes	First	Fundamenta l Results of Two-dimensional Generalized Canonical SC-Transform	Our Heritage Page 425-432, vol-68,Issue 12,feb2020	Reffered	0474-9030	Internati onal	10
23	S.B.Chav han	S.B.Chav han	Yes	Second	Comparativ e Study of human suffering under Break down of civil order in Biafra and lockdown in the corona virus hit world in the light of Gandhism	Mukt Shabd Journal Page 87-93 Vol-IX Issue – III,March20 20	Reffered	2347-3150	Internati onal	12

ii) Full Papers in Conference Proceedings

Sr.No.	Title with Page No.	Details of Conference Publication	ISSN/ISBN No.	No. of Co-authors	Whether you are the main author	API Score
1)	Dynamical System an Introduction	Proceeding of conference / National seminar	ISBN 978-81-920783-0-2	V.C. Borkar	S B Chavhan	04
2)	Properties of Two Dimensional Generalized Canonical Transform	Proceeding of conference / National conference	ISBN97881923835-1-4	S.B Chavhan	S. B Chavhan	10
3)	Inversion theorem of two variables canonical transform	Proceeding of conference / International conference	ISBN:2249-7455	S.B Chavhan	S. B. Chavhan	10
4)	**Analyticity of two dimensional generalied Canonical Transform SC-Transform**	**A glimpse of differential equations in science and engineering**	**978-81-948286-2-2**	S.B. Chavhan	S.B Chavhan	05

15.Table-2 : Books Publications: 05

Sr. No	Name of Authors	Name of the Principal/ Corresponding Author	Your position in sequence of Authors	Title of the Book	Title of the Chapter (if contributed only Chapter/s)	Year of Publication	Referred or Nonreferred	ISBN/ ISSN No.	Level (Int./ Nat./ State/ Local)
1	2	3	4	5	6	7	8	9	10

1	S.B. Chavhan V.C. Borkar	S.B. Chavhan	First	Integral transform of Generalized functions and their application	BOOK	2012	Referred	ISBN 978-3-659-30186-5	International
2	S.B. Chavhan, R.N.Ingle	S.B. Chavhan	Second	Book on ordinary differential equation	Book	2014	Referred	ISBN 97-9383389-87-2	National
3	S.B. Chavhan, R.N.Ingle	S.B. Chavhan	First	Introduction on partial differential equations	Book	2014	Referred	ISBN 97-9383389-94-0	National
4	S.B.Chavhan	S.B.Chavhan	First	Hand book on canonical cosine and Sine transform	Book	2017	Referred	ISBN 978-3-63976143-6	International
5	S.B.Chavhan, V.C. Borkar	S.B.Chavhan,	First	Book on Real Analysis	Book	2019	Referred	ISBN 97-9383389-87-2	National

16. Academic and Research Meets Participation:
Seminar/Conferences presented, Attended

Sr. No	Conferences /Symposium presented	Duration From……To	Institute /College /University whether the Course is organized
1	National conference on Recent Trends in Mathematics,	September 18-19, 2009	Govt.Vidarbha Institute of science and Humanities, Amravati
2	77th Annual Conference on Indian Mathematical Society	December 27-30,2011	Swami Ramanand Teerth Marathwada University Nanded.
3	International conference on Mathematical Sciences.	December 28-31,2012	Shivaji Education society's. Sience College Nagpur, Dist.Nagpur.
4	National conference on Recent Trends in Mathematics,	September 21, 2013	Gopika.S.Gawande College Umarkhed. Dist. Yavatmal
5	National conference on *Advances in Computational Mathematics*.	Sept-27-28 ,2013.	Vinayak.Patil. Mahavidyalya,Vaijapur, Dist Aurangabad.

6	International conference on *Advances and Innovations in Management, Engineering and Technology.*	Oct-26, 2013	Smt.C.K.Goyal Art and Commerece College Dapodi and Indo Global Chamber of Commerece Inustries and Agriculture Pune.
7	National conference on *Advances in Physics, Mathematics*, Engineering Science.	Oct- 27, 2013	Prof.Ramkrishna More College of Arts, commerce,Science.Pune Dist Pune.
8	National conference on Recent Trends in Applied and Pure Mathematics	Jan 9-11,2014	N.E.S ,Science College Nanded-43102
9	National conference on Algebra, Analysis and Fuzzy Mathematics	Feb- 21-22 ,2014	North Maharashtra university Jalgaon
10	Recent Applications of Mathematical tools in science and Technology	May 8-9-2014	Government college of Engineering Amaravati
11	National conference on Recent Trends in Mathematics	Sep 13-14,2015	M.M .Mahavidyalaya Darwha
12	National conference on Recent Trends in Mathematics	January 21, 22, 23rd 2016	K.K.S College, Beed.
13	9 th International conference on innovation in science ,engineering & management	28-29 January - 2017	Dhurva Institute of Engineering and Technology college Hyderabad
14	International conference innovation and emerging trends in Engineering and technology	25-26 March 2017	Matoshri Pratisthan Group of institutions Nanded
15	ICMAA-2017	5-9 March 2017	Dayanand College Latur
16	National Conference on Recent trends in Mathematics	3-feb 2018	Vaidyanath College parli
17	International Conference on Energy Envirment and Ethics in Research	7-feb 2019	Yeshwantrao chavhan warna mahividyala,Warngal
18	Recent advances in Science and Technology	5-6-march 2019	G.S.G.College Umarkhed

19	**RTPCM-2020**	4-Febuwary 2020	**S.S. Mahavidyalaya**
20	**National conference on differential Equations**	8 Feb 2020	**Shardchandra college naigaon**
21	**ICAPCM-2020**	14-15 Feb 2020	**RTM University Nagpur**

17.Workshop:

Sr. no	Workshop Attended	Duration From……To	Institute /College /University whether the Course is organized
1	Regional Workshop on Mathemaics Software,	16-18, 2009.	Department of Mathematics and Statistics Yeshawant Mahavidyalaya, Nanded.
2	National Workshop on Mathematical Modeling of Uncertainty	27-Nov, 2012.	School of Mathematical Sciences, S.R.T.M.University,Nanded
3	National Workshop on Group theory	26-Aug 2013.	School of Mathematical Sciences. S.R.T.M.University Nanded and MMS,
4	National Workshop on Mat-Lab Software	28 Jan 2014	School of Mathematical Sciences. S.R.T.M.University Nanded.and MMS,
5	National workshop on NIRF	14 Jan,2016	Shri Shivaji College Parbhani
6	One day workshop IPR	20 FEB-2019	Yeshawant College nanded
7	NPTL Workshop	19-jully 2019	S.R.T.M.University Nanded

18. **Faculty Development Program**

Training Program	Organizer	Duration
PTMT	School of Mathematical Sciences, Swami Ramanand Teerth Marathwada University Nanded	02 -08 July-2015
31st Orientation program	MANU University, Hyderabad	1-2-2017-28-2-2017

Refresher Course	MANU University, Hyderabad	30-11-2017-20-11-2017
FDP	NPTL –AICTE Online	JUL-OCT 2019
NPTL Online certificate	NPTL Online	JUL-OCT 2019
ONE WEEK FDP	ICT Tools for Effective Teaching Learning	27 April -2May 2020
ONE WEEK FDP	One week FDP ON Application of Geogebra	28 April -4 May 2020
ONE WEEK FDP	One week Faculty Devlopment Program on Scilab	1-May-7-may 2020
ONE WEEK FDP	One week Faculty Devlopment Program Mahatma Gandhi National Council of Rural Education	11May -15 May 2020
ONE WEEK FDP	Managing Online Classes and Co-Creating, MOOCS.2.0	18 Jun -03 Jun 2020
ONE WEEK FDP	Five Day Online Yoga Workshop	17Jun-21Jun 2020
ONE WEEK FDP	DISASTER MANEGMENT	17-30 SEPTEMBER
Two week online REFRESHER CORSE	COMPUTATIONAL AND MATHEMATICAL SCIENCE	22 - OCT- 05- NOV 2021

Contribution of Departmental Faculty in the Development of College/University

Sr.No.	Contribution
1	**Member of College Development Committee (CDC)**
2	**External and Internal Examiner for Practical Examinations. Conducted by S.R.T.M. University**
3	**Work as Coordinator of Madhava Mathematical Competition**
4	**Member of NIRF Committee**
5	**UGC Coordinator at College Level**
6	**Member of IQAC Committee**
7	Working as Cordinator and consoler of M.Sc (math) P.G Course YCMOU
8	**Inchage of Ramanujan Competition Mathematics Knowledge**
9	Working as Cordinator and consoler of B.Sc (math) U.G Course YCMOU
10	**Work Member of squad SRTM University Theory and practical Examinations**

Sd/-
Dr.S.B.Chavhan
Assistant Professor and
Head Department of Mathematics
Digambarrao Bindu College Bhokar