

Curriculum Vitae (CV)

1. PERSONAL INFORMATION

Name : Dr. Sangle Navneet Dhondiba

Designation : Associate Professor

Date of Birth : December 10th, 1978

Address for Contact :- Kaushallya Niwas, Karmaveer Road, Near Hanuman Mandir,
Ashta, Tal: Walwa; Dist: Sangli; Pin code 416 301, (M.S) India.

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2. ACADEMIC QUALIFICATION

Sr. No	Degree	Title/Specialization	University	Year of Passing
1	Ph. D.	Topics in Geometric Function Theory	Shivaji University, Kolhapur	April- 2009
2	M. Sc.	Mathematics	University of Pune, Pune	May-2001
3	B. Sc.	Mathematics	University of Pune, Pune	April 1999

3. EXPERIENCE DETAILS-19 YEARS

Sr. No	Name of the Institute	Work From	To	Period of Service	Designation
1	D. Y. Patil College of Engineering & Technology, Kasaba- Bawada, Kolhapur	18/03/2021	Till Date	---	Associate Professor
2	Annasaheb Dange College of Engineering & Technology, Ashta, Sangli.	01/07/2011	15/03/2021	10Years	Professor (Mgt Order)
3	Annasaheb Dange College of Engineering & Technology, Ashta, Sangli.	01/07/2009	30/06/2011	2Years	Associate Professor
4	Annasaheb Dange College of Engineering & Technology, Ashta, Sangli.	01/07/2008	30/06/2009	1Year	Assistant Professor
5	Annasaheb Dange College of Engineering & Technology, Ashta, Sangli.	14/07/2003	30/06/2008	5Years	Lecturer

6	Padmabhooshan Vasantrodada Patil Institute of Technology, Budhgaon, Sangli.	01/02/2003	13/07/2003	06 Months	Lecturer
7	Rayat Sikshan Sansth, Satara.	27/07/2001	02/11/2002	1.3 Years	Lecturer

4. ADMINISTRATIVE EXPERIENCE

Sr. No	Post	Work From	To	Period
1	Dean HR	01/07/2019	15/03/2021	2 Years
2	Dean- Academics	03/10/2016	30/06/2019	2.9 Years
3	Vice Principal - Academics	16/06/2014	02/10/2016	2.5 Years
4	HoD-Basic Sciences	02/02/2009	15/06/2014	4.5 Years
5	HoD- Computer Science & Engineering	28/03/2008	01/02/2009	10Months
6	HoD-General Engineering	09/02/2005	27/03/2008	3.2 Years

5. MEMBER OF VARIOUS COMMITTEES

Member of various committees including

1. The Board of Studies (BoS) for the General Engineering at Shivaji University, Kolhapur (2016-2017)
2. The Board of Studies (BoS) for the Mathematics at Shivaji University, Kolhapur (By Election) (2017-2022)
3. The Board of Studies (BoS) for the First Year Engineering at D. Y. Patil College of Engineering & Technology, Kasaba Bawada, Kolhapur (2020-2023)
4. The Board of Studies (BoS) for the General Engineering at Sanjivani College of Engineering, Kopargaon, Ahmednagar (2020-2023)
5. The Board of Studies (BoS) for the General Engineering at Nanasaheb Mahadik College of Engineering, Peth, Islampur, Sangli (2017-2022)
6. LMC, Member of Annasaheb Dange College of Engineering & Technology, Ashta, Sangli from 2009 to 2019
7. Life member of Indian Mathematical Society, since December 2006
8. Life member of The Indian Society for Technical Education, since April 2004
9. Life member of Bharat Ganita Parishad, since from January 2021

6. LIST OF RESEARCH PAPERS PUBLISHED / ACCEPTED-32 PAPERS

Category	Numbers
National Journal	09
International Journal	23
Total	32

2006-07

1. **N. D. Sangle**, M.Darus and S.B.Joshi, Meromorphic starlike functions with alternating and missing coefficients, General Mathematics **14**(4), (2006), 113-126.
2. **N. D. Sangle** and S.B.Joshi, On a class of p-valent meromorphic functions, J. Rajasthan Acad. Phy. Sci. **5**(3), (2006), 283-290.
3. **N. D. Sangle** and S.B.Joshi, New classes of analytic and univalent functions, Varahmihir Journal of Mathematical Sciences. **6**(2), (2006),537-550.

2007-08

4. **N. D. Sangle** and S.B.Joshi, Meromorphic starlike functions with negative and missing coefficients, Far East J. Math. Sci. **26**(2), (2007), 289-301.
5. **N. D. Sangle** and S.B.Joshi, Meromorphic starlike univalent functions with alternating coefficients , Bull. Pure Appl. Math. **1**(1), (2007), 40-48.

2008-09

6. **N. D. Sangle** and S. B. Joshi , New subclass of Goodman-type p-valent harmonic functions, FILOMAT, **1**(1), (2008),193-204.
7. **N. D. Sangle** and S. B. Joshi, On a class of meromorphic multivalent functions with fixed argument of coefficients , Pure and Applied Matematika Sciences, 2008.

2009-10

8. **N. D. Sangle**, O. P. Ahuja and S. B. Joshi, Multivalent harmonic uniformly starlike functions, KYUNGPOOK Math. J, **49**, (2009), 545-555.
9. **N. D. Sangle** and S.B.Joshi, New subclass of univalent functions defined by using generalized salagean operator, J. Indones. Math. Soc. **15**(2), 2009, 79-89.
10. **N. D. Sangle** and Ajaya Singh, New subclass of univalent functions defined by using generalized derivative operator, The Nepali Math Sc. Report, **29**(1&2), (2009), 89-102.

11. N. D. Sangle and S. B. Joshi, New subclass of p-valently harmonic meromorphic functions, Applied Mathematics and Computation, (2009).

2010-11

12. N. D. Sangle and M. Darus, On a certain class of harmonic univalent functions defined by generalized derivative operator, Int. J. Open Problems Compt. Math., Vol. X, No. X, March 2010.

2011-12

13. N. D. Sangle. and M. Palve, Economical Analysis of Pharmacists using Mathematical Tools at Pimpri Chinchwad, Pune (Maharashtra), Published in the International Journal of Business, Management and Social Sciences on “Management, Technology and Engineering Science (IRSEM TES -11) Nov 2011, Vol-I, Issue 3(III) Page No. 110-113,ISSN No2249 – 7463,

14. N. D. Sangle and M.M.Palve, Finding Economical Situation of Pharmacists of Pimpri Chinchwad In Pune District Using Some Mathematical Methods, Published in the International Journal of Advances in Management, Technology and Engineering Sciences (IJAMTES) December, 2011, Vol-I, Issue 3(III),Page No. 37-40, ISSN No 2249 - 7455.

2012-13

15. N. D. Sangle and Y. P. Yadhav, On A Subclass of Harmonic Univalent Functions Defined By Generalized Derivative Operator, International Journal of Modern Engineering Research (IJMER)Vol.2, Issue.3, May-June 2012 pp-562-569,ISSN: 2249-6645.

16. N. D. Sangle and Madhukar M. Palve (2012) “Evaluating Shortest Distance Among Drug Stores of Pimpri Chinchwad in Pune District Using Some Mathematical Algorithms” Published in the International Journal of Multidisciplinary Research (IJMR) on “Contemporary Issues in Management, Technology and Economics, May, 2012, Vol-I, Issue 2(I), ISSN No 2277 - 9302.

17. N. D. Sangle and Y. P. Yadhav, Goodman-Ronning Type Harmonic P-Valent Functions Based On Dziok-Srivastava Linear Operators, JULY' 12, Vol. 5 , Issue 2,IJ-ETA-ETS: ISSN 0974-3588.

18. N. D. Sangle and Y. P. Yadhav, On a certain class of Harmonic Univalent Functions defined by generalized derivative operator, GJCAT, Vol 2 (2), 2012, 1057-1067.

19. N. D. Sangle and Y. P. Yadhav, A class of Harmonic Univalent Functions with Varying Arguments Defined by Generalized Derivative Operator, International Journal of Modern Engineering Research Vol.2, Issue.4, July-Aug. 2012 pp-1934-1939, ISSN: 2249-6645.

2014-15

20. N. D. Sangle, A.N. Metkari and D. N. Mane, On a subclass of analytical and Univalent Functions Defined by Al-Oboudi Operator, International Journal of Research in Engineering and Technology Vol.2, Issue.2, Feb. 2014 pp-1-14, ISSN(E): 2321-8843 ISSN(P): 2347-4599

21. Dr. N. D. Sangle, Dr. R. G. Todkar and Mr. J. J. Pharne, Design, Analysis and Experimental Validation for Fatigue Behavior of a Helical Compression Spring Used For a Two Wheeler Horn, IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE) e-ISSN: 2278-1684, p-ISSN: 2320-334X, Volume 11, Issue 6 Ver. III (Nov- Dec. 2014), PP 05-11

2019-20

22. N. D. Sangle and D. D. Bobalade, Coefficient Estimates For a Certain Subclass of Bi-Univalent Functions Defined By Multiplier Transformation, International Journal of Research and Analytical Reviews.6(1), 2019, E-ISSN: 2348-1269, P-ISSN:2349-5138, pp.123-128.

23. N. D. Sangle and A. N. Metkari, Certain New Classes of Analytic Functions Defined by Using Al-Oboudi Operator, International Journal of Research and Analytical Reviews.6(1), 2019, E-ISSN: 2348-1269, P-ISSN:2349-5138, pp.129-133.

24. N. D. Sangle and P. S. Mane, On new subclasses of Analytic and Univalent Functions, International Journal of Research and Analytical Reviews.6(1), 2019, E-ISSN: 2348-1269, P-ISSN:2349-5138, pp. 134-141.

25. N. D. Sangle, A. N. Metkari & S. P. Hande, A Special Class of Harmonic Univalent Functions Defined by Using A New Differential Operator, 'Research Journey' International E- Research *Journal*, Special Issue 249 (A), July (2019), pp 64-75.

2020-21

26. N. D. Sangle, A. N. Metkari & S. P. Hande, A New Class of Univalent Harmonic Meromorphic Functions Defined by Multiplier Transformation. International Journal of Future Generation Communication and Networking, Vol. 13, No. 4, (2020), pp. 01 –15

27. **N. D. Sangle**, A. N. Metkari & S. P. Hande, A New Class of Univalent Harmonic Meromorphic Functions of Complex Order, Our Heritage, Vol-68-Issue-30-February-2020, pp.5506-5518.
28. **N. D. Sangle**, A. N. Metkari & S. P. Hande, On the Generalization of a Class of Harmonic Univalent Functions Defined by a Linear Operator, South Asian Journal of Mathematics, Vol. 10 (1), (2020), pp 21-32.
29. **N. D. Sangle**, P. S. Mane, P. T. Bathe, On a Class of Univalent Functions with Negative Coefficients defined by General Linear Operator, International Advanced Research Journal in Science, Engineering and Technology, Volume 7, Issue 7, July 2020, pp 76-87.
30. **N. D. Sangle**, G. M. Birajdar, New subclass of Bi-Univalent Functions associated to Horadm polynomials, International Journal of Grid and Distributed Computing Vol-13, No-2, (2020), pp. 01-11.
31. **N. D. Sangle**, P. S. Mane, On A New Subclass of Analytic Function Defined by Multiplier Transformations, Purakala, Vol-31-Issue-60-June-2020, pp.42-49
32. **N. D. Sangle**, G. M. Birajdar, S. A. Morye, New subclass of harmonic univalent functions defined by derivative operator, IOSR Journal of Mathematics, e-ISSN: 2278-5728, p-ISSN: 2319-765X. Volume 16, Issue 4 Ser. V (Jul.–Aug. 2020), PP 24-28

7. PAPERS IN NATIONAL/INTERNATIONAL CONFERENCES

Category	Numbers
National Conference	04
International Conference	13
Total	17

1. Participated and presented paper in “International Conference on Geometric Function Theory, Special Functions and Applications”, organized by Bharathidasan Government College for Women, Pondicherry during 2/01/2006 to 05/01/2006.

Title of paper: On a class of meromorphic multivalent functions with fixed argument of coefficients.

2. Participated and presented paper in “National Conference on Recent Advances in Analysis and Its Applications”, organized by department of Mathematics, Karnataka University, Dharwad during 22/03/2006 to 24/03/2006.

Title of paper: On a class of P-valent meromorphic functions.

3. Participated and presented paper in “Second International Conference on Nonlinear Systems: Modelling, Simulation and Applications”, organized by Department of Mathematics, N.E.S. Science College Nanded, during 19/12/2006 to 22/12/2006.

Title of paper: On a certain classes of analytic and univalent functions.

4. Participated and presented paper in “72nd Annual Conference of Indian Mathematical Society”(IMS), Rani Durgawati University, Jabalpur, during 27/12/2006 to 30/12/2006.

Title of paper: Meromorphic starlike functions with negative and missing coefficients.

5. Participated and presented paper in “International Workshop on Harmonic Mapping and Hyperbolic Metrics”, organized by Indian Institute of Technology, Madras, Chennai, during 10/12/09 to 19/12/09.

Title of paper: On a certain class of harmonic univalent functions defined by generalized Salagean operator.

6. Participated and presented paper in “International Research Symposium on Management, Technology and Engineering Science”, organized by CIM, Pune, during 23/11/2011 to 24/11/2011

Title of paper: “Economical analysis of Pharmacists using Mathematical Tools at Pimpri Chinchwad, Pune”

7. Participated and presented paper in International conference on “Issues and Advances in Business, Management, Engineering and Social Sciences”, organized by CIMSR, Pune on 20/12/2011

Title of paper: “Finding economical situation of pharmacist of Pimpri Chinchwad in Pune district using some mathematical methods ”

8. Participated and presented paper in International conference on “Contemporary Issues in Management, Technology and Economics”, organized by Prof. Ramkrishna More Collge of Science, Akurdi, Pune during 23/02/2012 to 25/02/2012

Title of paper: “Evaluating shortest distance among drug stores of Pimpri Chinchwad in Pune district using some mathematical algorithms”.

9. Participated and presented paper in International conference on “Changes in Commerce, Management, Engineering, Technology and Social Science ”, organized by Prof. Ramkrishna More Collge of Science, Akurdi, Pune on 27/11/2012.

Title of paper: “Evaluating shortest distance among drug stores of Pimpri Chinchwad in Pune district using some mathematical algorithms”.

10. Participated and presented paper in National conference on “Emerging Trends in Engineering & Technology”, organized by PVPIT, Budhgaon , Sangli during 18/02/2013 to 19/02/2013.

Title of paper: “New Subclass of analytic function with negative coefficient”.

11. Participated and presented paper in “First International conference on “Physics, Mathematics, Geology and Engineering Sciences”, organized by ITSPM’S, Indapur, Pune, on 18/03/2013.

Title of paper: “Class of harmonic univalent functions defined by generalised Ruscheweyh derivatives”.

12. Participated and presented paper in “International conference on Computational Methods and Function Theory (CMFT)”, organized by Shantou University, Shantou, China, during 10/06/2013 to 14/06/2013.

Title of paper: “On a subclass of harmonic univalent functions defined by generalized derivative operator”

13. Participated and presented paper in “Second National conference on “It & Management: Innovations and Inventions-Global Perspective”, organized by AIMS, Pune, during 24/10/2013 to 26/10/2013.

Title of paper: “On a subclass of univalent function with fixed second negative coefficient defined by convolution”

14. Participated and presented paper in “International e-Conference on nonlinear analysis and its applications”, organized by Department of Mathematics, Dayanand Science College, Latur-413512, Maharashtra (India), during 27/07/2020 to 29/07/2020.

Title of paper: “A Special Class of Harmonic Univalent Functions Defined by Using a New Differential Operator”

15. Participated and presented paper in International Conference on “The Impact of Globalization on Contemporary Literature, Environment and Society”, organized by Marutirao Harirao Mahadik Art's &Commerce College, Modnimb, Solapur (Ms), India, during July 2020.

Title of paper: “Special class of harmonic univalent functions defined by using a new differential operator”.

16. Participated and presented paper in “3rd International Conference on Mathematical Modelling, Applied Analysis and Computation”, organized by Department of Mathematics, Faculty of Sciences, JECRC University Jaipur, Rajasthan (India), during August 2020.

Title of paper: “On a subclass of analytic and univalent function Defined by Opoola differential operator”.

17. Participated and presented paper in “International Virtual Conference on Reconceptualising in Mathematics Sciences”, organized by Hindusthan College of Engineering & Technology, Coimbatore 641032 (India), during August 2020.

Title of paper: “A New Class of Univalent Harmonic Meromorphic Functions Defined by Multiplier Transformation”.

8. WORKSHOP/CONFERENCE ATTAINED

Category	Numbers
National Conference	07
International Conference	02
Workshop	31
Symposium	02
FDP	07
STTP	09
Seminar	03
Webinar	15
Total	76

1. Participated in National Symposium on “Fuzzy Topology and its Applications” organised by New Arts, Commerce and Science College , Ahmednagar during 12/03/2001 to 14/03/2001.

2. Participated in 14th Annual Conference of Shivaji University Mathematics Society on “Curriculum in Mathematics and Students Carnival” organised by Balwant College, Vita, Sangli on Nov 30th and Dec 1st 2002.

3. Attended a workshop in Applied Mathematics, Walchand College of Engineering, Sangli, on 07/03/2004.

4. Attended workshop in Special Methods of Teaching Engineering Mathematics, organised by AISSM’S College of Engineering, Pune, during 06/12/2004 to 17/12/2004.

- 5.** Participated in the International workshop on Quasiconformal Mapping and Their Applications, organized by Indian Institute of Technology (IIT) Madras, Chennai, during 27/12/2005 to 01/01/2006.
- 6.** Participated Two days faculty development programme for “Cluster Institutes of Shivaji University” organized by General Engineering Department, Rajarambapu Institute of Technology, Rajaramnagar, during 18/02/2006 to 19/02/2006.
- 7.** Attended Campaign on University Research and Training (COURT-2006) Shivaji University, Kolhapur on 6th and 7th October 2006.
- 8.** Attended the “National conference on Recent advances in analysis and its applications ” organised by Department of Mathematics, Karnatak University, Dharwad, during 22/03/2006 to 24/03/2006.
- 9.** Attended One day workshop to prepare syllabus of F.E-I and F.E-II, organized by Tatyasaheb Kore Institute of Engineering and Technology Warananagar, on 30/03/2007.
- 10.** Participated Workshop on Effective Teaching of Engineering Mathematics-I, organized by Department of Mathematics, Kolhapur Institute of Technology, Kolhapur, on 30th Sep2007.
- 11.** Participated in joint Research work programme on Harmonic Function, organized by Walchand College of Engineering Sangli, during 01/10/2007 to 10/10/2007.
- 12.** Attended one day workshop on Engineering Mathematics-III and IV, at S.E-I and II (All branches), organized by Dr. J. J. Magdum College of Engineering, Jaysingpur, on 15/01/2008.
- 13.** Participated in one day workshop on “Question paper setting & evaluation methodologies” organised DKTE College of Engineering, Ichalkaranji, on 12/09/2008.
- 14.** Participated on “High Impact Teaching Skills”, organized by Wipro, India, during 01/12/2008 to 02/12/2008.
- 15.** Participated in Three day International workshop on “Performance Based Teaching Techniques”, organised by Annasaheb Dange College of Engineering, Ashta, during 11/05/09 to 13/05/09.

- 16.** Attended “Examination Management workshop”, organized by Shivaji University, Kolhapur, on 09/10/2009.
- 17.** Attended one day state level workshop on “How to Transform Engineering Institutes in Maharashtra into World Class Institutes”, organised by Directorate of Technical Education, Maharashtra State, Mumbai, on Nov 07th, 2009.
- 18.** Attended a short term course on “Advanced Techniques in Energy Management” organised by Annasaheb Dange College of Engineering, Ashta, during 30/11/09 to 04/12/09.
- 19.** Participated in a three day International workshop on “Global Accreditation: Planning & Teaching for an outcome based learning process”, organised by Annasaheb Dange College of Engineering, Ashta, during 26/12/09, 29/12/09 and 30/12/09.
- 20.** Participated in 17th Annual Conference of Shivaji University Mathematics Society on “Mathematical Modelling and its applications and Students Carnival” organised by Karmaveer Bhaurao Patil College, Urun-Islampur, Sangli during Feb 27th to 28th 2010.
- 21.** Participated in one day workshop on “Wavelet Theory and Applications”, organised Walchand College of Engineering, Sangli, during, on 16/01/2010.
- 22.** Participated in Three day programme of “Workshop on Ramanujan’s Mathematics”, organised by The National Academy of Sciences, India, during 22/12/10 to 24/12/10.
- 23.** Participated in two day workshop on “NBA orientation”, organised by Annasaheb Dange College of Engineering, Ashta, during 22/11/11 to 23/11/11.
- 24.** Participated in the “First World Summit on Accreditation”, organised by NBA during 25/03/2012 to 28/03/2012.
- 25.** Participated in a one week International workshop on “Complex Analysis & Its Applications”, organised by Walchand College of Engineering, Sangli, during 11/06/2012 to 15/06/2012.
- 26.** Participated in one day workshop on “New trends in curriculum development”, organised RIT, Sakharale, on 10/08/2012.
- 27.** Participated in second International conference on “Non linear systems: Modelling, Simulation and Applications”, organised by NES Science College, Nanded, during 19/12/2012 to 15/06/2012.

- 28.** Participated in one day workshop on “Curriculum development of First Year engineering, Shivaji University” organised Dr. Daulatrao Aher College of Engineering, Karad, on 16/02/2013.
- 29.** Participated in the seminar on “Understanding Jan 2013 format of NBA” organised Walchand College of Engineering, Sangli, during 15/03/2013 to 16/03/2013.
- 30.** Participated and presented paper in “International conference on Computational Methods and Function Theory (CMFT)”, organized by Shantou University, Shantou, China, from 10/06/2013 to 14/06/2013.
- 31.** Participated in one day training on “Revised syllabus for first year engineering Mathematics-I”, organised Dr. Daulatrao Aher College of Engineering, Karad, on 06/08/2013.
- 32.** Participated in two week faculty development programme on “Mathematical Methods for Science and Engineering Using Soft Computing Tools”, organised Government College of Engineering, Karad, during 02/12/2013 to 13/12/2013.
- 33.** Participated in “Leadership Advancement & Management Development”, organised by Annasaheb Dange College of Engineering, Ashta, during 02/01/14 to 04/01/14.
- 34.** Participated in one day workshop on “Teaching Methodology of Engineering Mathematics-II”, organised SETI, Panhala, on 11/01/2014.
- 35.** Attended and Participated in one day workshop on “Formation of syllabus of Engineering Mathematics-III”, organised by JJM college of Engineering, Jayshingpur on 17/01/2014.
- 36.** Attended one day workshop on “Engineering Mathematics”, organized by ADCET, Ashta on 06/09/2014.
- 37.** Participated in one week STTP on “MATLAB based Numerical Methods for Engineers”, organised by Annasaheb Dange College of Engineering, Ashta, during 24/11/14 to 28/11/14.
- 38.** Participated in ISTE approved one week STTP on “Multibody Dynamics Analysis with adams”, organised by Annasaheb Dange College of Engineering, Ashta, during 01/12/14 to 05/12/14.

- 39.** Participated in National conference on “Recent Trends in Interdisciplinary research in Material Sciences”, organised by Annasaheb Dange College of Engineering, Ashta, during 26/12/14 to 27/12/14.
- 40.** Attended one day workshop on “Teaching Methodology” organised by Shivaji University, Kolhapur on August 24th 2015.
- 41.** Participated in “Third International conference on Transformation in Engineering Education” organised by COE, Pune during 08/01/2016 to 12/01/2016
- 42.** Participated in the “First National Teacher Congress” organised by MIT, Pune during 23/09/2016 to 25/09/2016.
- 43.** Attended one day workshop on “Secured Remote Paper Delivery” organised by Shivaji University, Kolhapur on March 12th , 2016.
- 44.** Participated in one week STTP on “SCILAB AND SCICOS” organised by Annasaheb Dange College of Engineering & Technology, Ashta during 21/11/2016 to 25/11/2016.
- 45.** Participated in Two days workshop on “Career guidance- Academic development program for faculty members” organised by Annasaheb Dange College of Engineering & Technology, Ashta during 20/01/2017 to 21/01/2017.
- 46.** Participated in one day training programme on “Patent writing and documentation” organised by Annasaheb Dange College of Engineering & Technology, Ashta on 25/08/2018.
- 47.** Participated in RUSA sponsored three days workshop on “NAAC: Revised Accreditation framework” organised by IQAC Cell, Shivaji University, Kolhapur, during 08/05/2019 to 10/05/2019.
- 48.** Participated in two days National level workshop on “LaTex” organised by Annasaheb Dange College of Engineering & Technology, Ashta, during 05/06/2019 to 06/06/2019.
- 49.** Participated in online webinar on “Developing mathematical model for solar thermal system” organised by Jansons Institute of Technology, Coimbatore, on 28/05/2020.
- 50.** Participated in one day webinar on “Enhancing research effectiveness using Scous, Science direct and Mendeley” organised by Kurukshetra University, Kurukshetra, on 01/05/2020.

- 51.** Participated in National level webinar on “Smart use of mathematics” organised by Dhole Patil College of Engineering, Pune, on 31/05/2020.
- 52.** Participated in UGC Paramarsh online faculty development programme on “NAAC Assessment and Accreditation” organised by IQAC Cell of Shri Shivaji College, Parbhani, during 21/05/2020 to 26/05/2020.
- 53.** Participated in Three days workshop on “NAAC Assessment and Accreditation: A step by step process” organised by Gates Institute of Technology, Adhra Pradesh, during 28/05/2020 to 30/05/2020.
- 54.** Participated in one day online workshop on “Empowering effective scientific research by harnessing the power of web of science and managing references using endnote ” organised by Guru Nanak Dev University, Amritsar, 20/05/2020.
- 55.** Attended one week webinar on “ADCET webinar series” organised by Annasaheb Dange College of Engineering & Technology, Ashta, during 21/05/2020 to 26/05/2020.
- 56.** Participated in one week STTP on “Funding opportunities for engineering teachers and technical paper writing ” organised by Rajarambapu Institute of Technology, Sakharale, Sangli, during 15/06/2020 to 19/06/2020.
- 57.** Participated in one week STTP on “Teaching learning pedagogies” funded by AICTE, organised by A. G. Patil Polytechnic Institute, Solapur, during 03/08/2020 to 08/08/2020.
- 58.** Participated in Three days online workshop on “Importance of Mathematics in Science and Engineering”, organised by PES College of Engineering, Phaltan, during 20/06/2020 to 22/06/2020.
- 59.** Participated in a webinar on “Applications of Mathematics in Engineering and Real Life”, organised by Sanjivani College of Engineering, Kopargoan, on 08/06/2020.
- 60.** Participated in a webinar on “Intellectual Property Rights”, organised by Annasaheb Dange College of Engineering & Technology, Ashta, on 27/06/2020.

- 61.** Participated in one week online FDP on “Enhancing Research and Consultancy Skills”, organised by Rajarambapu Institute of Technology, Rajaramnagar, Sangli, during 22/06/2020 to 26/06/2020.
- 62.** Participated in online workshop on “Universal Human Value on the theme- Inculcating Universal Human Values in Technical Education”, organised by All India Council for Technical Education (AICTE), New Delhi, during 23/07/2020 to 27/07/2020.
- 63.** Participated in a webinar on “Applications of Mathematics in Technology and Real Life”, organised by Rajarambapu Institute of Technology, Rajaramnagar, Sangli, on 05/07/2020.
- 64.** Participated in one week online STTP on “Applications of Mathematical Sciences” organised by K. D. K. College of Engineering, Nagpur, during 13/07/2020 to 18/07/2020.
- 65.** Participated in one week STTP on “Introduction to Stock Market” organised by D.Y.Patil Institute of Management Studies, Akurdi, Pune, during 14/08/2020 to 18/08/2020.
- 66.** Participated in the National Webinar on “National Education Policy 2020 and Quality Education in Bihar ” organised by Women’s College, Samastipur, Bihar, on 30/08/2020.
- 67.** Participated in the National e-seminar on “The Role of Mathematics and Computer Science in Artificial Intelligence and Machine Learning” organised by Krishna Mahavidyalaya, Rethare BK Sangli on 31/08/2020.
- 68.** Participated in the National webinar on “Modern Aspects of Complex Analysis and its Applications” organised by Sadguru Gadage Maharaj College, Karad, Satara on 05/08/2020.
- 69.** Participated in the seven days National level e-FDP and expert class on “New Narrative of NAAC” organised by RR Institute of Advanced Studies, Bangalore, during 01/08/2020 to 07/08/2020.
- 70.** Participated in the National Webinar on “National Education Policy 2020” organised by Ram Sahai Government Degree College, Bairi-Shirajpur, Kanpur, on 02/09/2020.
- 71.** Participated in the International Webinar on “Technological Trends in Mathematics and Statistics” organised by Yashvantrao Chavan Institute of Science, Satara, on 26/09/2020.

72. Participated in the International Webinar on “Recent Trends in Geometric Function Theory and Applications-2020” organised by Department of Mathematics, KIIT Deemed to be University, Bhubaneswar, Odisha, during 18/09/2020 to 21/09/2020.

73. Participated in one day online Webinar sponsored by NBA on “Awareness Webinar on Outcome Based Education and Accreditation” organised by College of Engineering, Pune during 27/09/2020.

74. Participated in one day Webinar on “Mathematical Modelling using Maple” organised by Coimbatore Institute of Technology, Coimbatore, during 27/11/2020.

75. Participated in one week AICTE –ISTE Orientation/Refresher programme on “Innovative Teaching-Learning Methods” organised by Vidya Pratishthan’s Kamalnayan Bajaj Institute of Engineering & Technology, Baramati, during 07/12/2020 to 12/12/2020.

76. Participated in one day National Webinar on “Recent Trends & Application of Mathematics in daily life” organised by Swami Muktanand College of Science, Yeola, Nasik on 19/01/2021.

9. DETAILS OF STTP/WORKSHOP/CONFERENCE ORGANIZED

Category	Numbers
Workshop	06
STTP	03
Total	09

1. Three days International workshop on “Performance Based Teaching Techniques” from May 11th, 2009 to May 13th, 2009 conducted at Annasaheb Dange College of Engineering and Technology, Ashta, Sangli.

2. Three days International workshop on “Global Accreditation: Planning and Teaching for an Outcomes Based Learning Process” on Dec 26th, 2009 and on Dec 29th, 2009 to Dec 30th, 2009 conducted at Annasaheb Dange College of Engineering and Technology, Ashta, Sangli.

3. Two days workshop on “Self Awareness” on Nov15th &16th, 2010 conducted at Annasaheb Dange College of Engineering and Technology, Ashta, Sangli.
4. Two days workshop on “NBA Orientation” on Nov 22nd & 23rd, 2011 conducted at Annasaheb Dange College of Engineering and Technology, Ashta, Sangli.
5. One week STTP on “Research Methodology in Engineering and Applied Sciences” on April 25th -29th, 2011 conducted at Annasaheb Dange College of Engineering and Technology, Ashta, Sangli.
6. One week STTP on “MATLAB based Numerical Methods for Engineers” on Nov 24th -29th, 2014 conducted at Annasaheb Dange College of Engineering and Technology, Ashta, Sangli.
7. One week STTP on “SCILAB & SCICOS” on Nov 21st -26th, 2016 conducted at Annasaheb Dange College of Engineering and Technology, Ashta, Sangli.
8. Convenor of 29th district level Youth Festival (Sangli District) Organised by Shivaji University, Kolhapur, on 03/10/09.
9. e- talk on “The Man Who Knew Infinity” on Dec 22nd, 2020 conducted at Annasaheb Dange College of Engineering and Technology, Ashta, Sangli.

10. INVITED TALKS/GUEST/EXPERT LECTURE

Category	Numbers
Engineering Mathematics-I,II,III	18
STTP	09
National Conference	01
FDP	01
Webinar	03
NAAC, NBA	09
Total	41

1. Delivered a guest Lecturer on Engineering Mathematics-I course at College of Engineering, Miraj, on 08/11/2009.
2. Delivered a expert Lecture on Engineering Mathematics-III course at Shriram Institute of Engineering & Technology, Paniv, during 03/12/2010 to 05/12/2010
3. Delivered a expert Lecture on Engineering Mathematics-II course at College of Engineering, Miraj, on 25/03/2011.
4. Resource person for ISTE approved one week STTP on “Research Methodology in Engineering and Applied Sciences”, organised by Annasaheb Dange College of Engineering & Technology, Ashta, Sangli, on 28/04/2011.
5. Resource person for one week STTP on “Reserach Methodology in Engineering and Applied Sciences” at Annasaheb Dange College of Engineering & Technology, Ashta, Sangli on 25-29/04/2011.
6. Delivered a guest Lecturer on Applied Mathematics-I course at Rajarambapu Institute of Technology, Rajaramnagar, Islampur, Sangli on 12-13/10/2011.
7. Delivered a expert Lecture on Engineering Mathematics-I course at Padmabhooshan Vasantrodada Patil Institute of Technology, Budhgaon, Sangli, during 08-09 /11/2012.
8. Resource person for one week STTP on “Numerical Methods for Engineers with MATLAB”, organised by Annasaheb Dange College of Engineering & Technology, Ashta, Sangli, during 17-21/12/2012.
9. Subject chairperson for the session of Mathematics on two days National Conference on “Recent Advances in Engineering, Management and Science”, organized by Dhananjay Mahadik Group of Institutions, Kolhapur, during 22-23/03/2013
10. Delivered a expert Lecture on Engineering Mathematics-III course at Dr. Daulatrao Aher College of Engineering, Karad, Satara, on 01/10/2013.
11. Resource person for two week faculty development programme on “Mathematical Methods for Science and Engineering Using Soft Computing Tools”, organised Government College of Engineering , Karad, during 02/12/2013 to 13/12/2013.
12. Delivered a expert Lecture in one day workshop on “Teaching Methodology of Engineering Mathematics-II” at Sanjeevan Engineering and Technology Institute, Panhala, Kolhapur on 11 /01/2014.
13. Delivered a expert Lecture on Engineering Mathematics-III course at Sanjay Ghodawat Institute, Atigre, Kolhapur, on 21/03/2014.
14. Delivered a expert Lecture on Statistics and fuzzy systems at Rajarambapu Institute of Technology, Rajaramnagar, Islampur, Sangli on 11/10/2014.

- 15.** Resource person for ISTE Approved One week STTP on “Research Methodology and LaTeX” at Annasaheb Dange College of Engineering & Technology, Ashta, Sangli, during 13-18/10/ 2014.
- 16.** Delivered a expert Lecture on Engineering Mathematics-I course at College of Engineering, Phaltan, on 01/11/2014.
- 17.** Resource person for One week STTP on “MATLAB Based Numerical Methods for Engineers” at Annasaheb Dange College of Engineering & Technology, Ashta, Sangli, during 24-28/11/2014.
- 18.** Delivered a expert Lecture on Engineering Mathematics-III course at Sanjay Ghodawat Institute, Atigre, Kolhapur, on 20/03/2015.
- 19.** Delivered a expert Lecture on Engineering Mathematics-II course at Nanasaheb Mahadik College of Engineering, Peth Naka, Sangli, on 27/03/2015.
- 20.** Resource person for one week STTP on “MATLAB Based Numerical Methods for Engineers” at Annasaheb Dange College of Engineering & Technology, Ashta, Sangli, during 24-28/11/2015.
- 21.** Resource person for One week STTP on “MATLAB in Dynamic Applications” at Annasaheb Dange College of Engineering & Technology, Ashta, Sangli, on 24/12/2015.
- 22.** Delivered a expert Lecture on Engineering Mathematics-III course at Sanjay Ghodawat Institute, Atigre, Kolhapur, on 21/03/2016.
- 23.** Delivered a expert Lecture on Advanced Engineering Mathematics at Rajarambapu Institute of Technology, Rajaramnagar, Islampur, Sangli on 09/04/2016.
- 24.** Delivered a expert Lecture on “NAAC process and Preparation” at Karmayogi Engineering College, Pandharpur, on 02/06/2016.
- 25.** Conducted Mock drill for NAAC Accreditation at Karmayogi Engineering College, Pandharpur, on 16/09/2016.
- 26.** Delivered an expert Lecture on Engineering Mathematics-III course at Nanasaheb Mahadik College of Engineering, Peth Naka, Walwa, Sangli, on 20/10/2016.
- 27.** Delivered a expert Lecture on Engineering Mathematics-III at Nanasaheb Mahadik College of Engineering, Peth Naka, on 26/10/2016.
- 28.** Resource person for one week STTP on “SCILAB & SCICOS” at Annasaheb Dange College of Engineering & Technology, Ashta, Sangli, on 23/11/2016.
- 29.** Resource person for one week STTP on “Pedagogical Methodologies in Engineering Education ” at Annasaheb Dange College of Engineering & Technology, Ashta, Sangli, on 29/05/2017.

30. Conducted special discussion session on NBA criteria-9 at Sharad Institute of Technology College of Engineering, Yadrav-Ichalkaranji, Kolhapur, on 03/11/2017.
31. Conducted Expert assessment of SSR for NAAC Accreditation at Dr. J.J.Magdum College of Engineering, Jaysingpur, Kolhapur, on 21/01/2018.
32. Resource person for one day State level workshop on “Introduction to SCILAB” at Sanjay Ghodawat Institute, Atigre, Kolhapur, on 27/01/2018.
33. Conducted NAAC peer team mock visit Dr. J.J.Magdum College of Engineering, Jaysingpur, Kolhapur, on 05/05/2018.
34. Delivered a expert Lecture on Engineering Mathematics-I course at Nanasaheb Mahadik College of Engineering, Peth Naka, on 14/11/2018.
35. Resource person for one day workshop on “NAAC Accreditation Process” at Annasaheb Dange Ayurvedic Medical College, Ashta, Sangli on 22/11/2019.
36. Resource person for two days workshop on “Revised Process of NAAC and Its Preparation” at Dr. Daulatrao Aher College of Engineering, Karad,Satara, on 06-07/12/2019.
37. Resource person for one day workshop on “Understanding Intellectual Property Right & Role of Students in Revised NAAC Process” at Dattajirao Kadam Arts, Science and Commerce College, Ichalkaranji, Kolhapur, on 20/01/2020.
38. Resource person for webinar on “Applications of Mathematics in Engineering” at Pimpri Chinchwad College of Engineering & Research, Pune, on 13/05/2020.
39. Resource person for webinar on “Applications of Mathematics in Engineering” at Dr. D.Y.Patil Institute of Engineering, Management and Research, Akurdi, Pune, on 14/05/2020.
40. Resource person for International webinar on “Applications of Mathematics in Engineering and Real Life” at Sanjivani College of Engineering , Kopargaon, Ahmednagar, on 08/06/2020.
41. Resource person for Faculty Development Program on “Faculty Readiness for new Tomorrow” at Annasaheb Dange College of Engineering & Technology, Ashta, Sangli, on 20/08/2020.

11.OTHERS

1. Incharge of Sneha -2004, 2005, 2006. (Annual Social Gathering)

2. Member of College Admission Committee for the years 2004, 2005, 2007.
3. Shivaji University, Kolhapur, Internal Senior Supervisor for Examination
4. Shivaji University, Kolhapur, External Senior Supervisor for Examination
5. CAP Director of Shivaji University Examination
6. Subject expert of mathematics in Interview panel for Shivaji University, Kolhapur
7. Convenor of 29th district level Youth festival (Sangli District) Organised by Shivaji University, Kolhapur, on 03/10/09.
8. Reviewer of International Journal of open Problems in Complex Analysis.
9. Reviewer of Bulletin of the Belgian Mathematical Society.
10. Reviewer of International Journal of Nonlinear Sciences
11. Reviewer of International Journal of Computer Applications in Engineering, Technology and Sciences

12. BOOK PUBLISHED

1. A Text book of Engineering Mathematics-I, Aruta Publication, Sangli, August 2013
2. A Text Book of Engineering Mathematics-II, Nirali Publication, Pune, January 2014
3. A Text Book of Engineering Mathematics-III, Nirali Publication, Pune, September 2014.
4. A Text Book of Applied Mathematics-I, Abhiyanta Publication, Sangli, August 2017.
5. A Text Book of Applied Mathematics-II, Cengage Publication, January 2018.
6. Annasaheb Dange Eak Sangharsh Gatta, Yashwant Publication, Islampur, January 2020

13. PATENTS

1. Dr. Navneet Sangle, a joint patent published on patent web titled “Remote Monitoring of Soil Characteristics Using Internet of Things (IOT)”
Application Number: 202041031838 Application Type: Ordinary Application
Date of Filing: 24/07/2020 Publication Date: 21/08/2020
2. Dr. Navneet Sangle, a joint patent published on patent web titled “Facial Recognition Triple Security Entryway System Using AI& Deep Neural System”
Application Number: 202021043962 Application Type: Ordinary Application
Date of Filing: 08/10/2020 Publication Date: 30/10/2020

14. HONOURS AND AWARDS RECEIVED

1. Awarded with **Best Teacher Award** by Sant Dnyaneshwar Shiksan Sanstha, Islampur, Sangli for the year 2008-09.
2. Awarded with **State Level Best Teacher Award** by Manushbal Vikas Lokseva Academy, Mumbai November 25th 2019
3. Awarded with **International Scientist Award** by V D Good Professional Association, India

15. Ph. D. AWARDED STUDENT'S DETAILS

1. Study of Subclasses of Univalent and Harmonic Functions - Yashwant P. Yadav
2. Application of Mathematical Methods to Economical Analysis of Pharma Retailers - Madhukar M. Palve

16. ONGOING RESEARCH OF PH. D. STUDENTS DETAILS

1. Study of Subclasses of Analytic and Bi-Univalent Functions-Mr. Birajdar Gajanan M.
2. Study of Some Classes of Functions in Geometric Function Theory- Mr. Bobalade Dnyaneshwar
3. Study of Analytic and Harmonic Univalent Functions-Mr. Bhoi Hirachand Dharmraj
4. A Study of Certain Subclasses of Univalent Analytic Functions-Mr. Mane Parshuram S.
5. A Study of Subclasses of Univalent Functions – Mr. Metkari Anand N.

17. STRENGTHS

1. Leadership and Governance
2. Strategic Planning and organization abilities
3. Motivation skill, learning ability
4. Team Work
5. Innovative and Risk taking ability

18. AREA OF INTEREST

1. Numerical Methods
2. Geometric Function
3. Outcome based Education
4. Quality in Engineering Education - Preparing for NAAC, NBA and Autonomy

Dr. N. D .Sangle