

KARMAVEER BHAURAO PATIL COLLEGE, VASHI

[Autonomous] FACULTY PROFILE



NAME : Dr. Dhanorkar Gajanan Ashokrao
QUALIFICATION : M.Sc. Ph.D
Email ID : gadhanorkar@kbpcollegevashi.edu.in
DEPARTMENT : Mathematics
DESIGNATION : Assistant Professor
YEARS OF EXPERIENCE : 14 Years
SPECIALIZATION : Functional Analysis and Cryptography
ACADEMIC RESPONSIBILITY : Dy Chief Controller of
Eamination, Nodal Officer
of NIRF, ARIIA

RESOURCE PERSON:

- Guest lecture on “Modern Approach of Mathematics” jointly organized by Rayat Shikshan Sanstha’s K.B.P College Vashi and Navi Mumbai Science foundation on 20th March 2023.
- Guest lecture on Applied View of Mathematics organized by Rayat Shikshan Sanstha’s Arts, Science and Commerce College Mokhada on 09th March 2022.
- Talk on CO-PO Mapping and its attainment at KBP College Vashi on 16 Dec 2021.
- Guest Speaker for National level Webinar on “SMART USE OF MATHEMATICS” held on 31 May 2020, organized by Dhole Patil College Of Engineering Pune https://www.youtube.com/watch?v=Tkoy_VxPxOw
- Expert Lecturer on “Application of Metric Spaces” held on 29 th October 2020 at KLE college kalamboli.
- Webinar_2 on **Joy with Mathematics** by the Department of Mathematics from Rayat Shikshan Sanstha's, Karmaveer Bhaurao Patil College, Vashi(Navi Mumbai) on 8th May 2020 <https://youtu.be/uxMTo1O-ZSw>
- Webinar_1 on **Joy with Mathematics** by the Department of Mathematics from Rayat Shikshan Sanstha's, Karmaveer Bhaurao Patil College, Vashi(Navi Mumbai) on 30 April 2020 <https://youtu.be/zDHgRY0sdlk>

MEMBERSHIPS/AFFILIATIONS:

- Life member of Shrinivas Ramanujan Society (1001)
- Life member of Indian Society of Technical Education (75670)
- Member of Board of Studies in Mathematics, K. B. P. College, Vashi [Autonomous].

Research Proposals:

- Grant research project entitled with **Mathematical Modulation Technique for Diffusion of Blood**, under RUSA MRP Sanction letter No. : 629_2020-2021 from 02 Feb 2021 to 01 Feb 2023.

Patents

- 1) Design No. : 377648-001 Date : 19/01/2023
HOLOGRAPHIC TRAFFIC LIGHT
With Date of Issue : 06/03/2023
- 2) Design No. : 377649-001 Date : 19/01/2023
ROUTER With Date of Issue : 14/03/2023



Holographic Traffic Light



Router

Some Research Papers

1. Gajanan Dhanorkar, Nilesh Nalawade, Pooja Patil, Linear Algebra And Image Processing Using Python, The Online Journal of Distance Education and e-Learning, Volume 11, Issue 2, April 2023.
2. Gajanan Dhanorkar, Vidhyadhar Nalawade, Kavthekar Nirmala, Distance in Partial Metric Spaces and Common Fixed Point Theorems, Mathematical Statistician and Engineering Applications, Vol.71 No.4(2022)

3. Dhanorkar Gajanan, Sachin Bedre, Jadhav Keshav, Mathematical Model of Rate of Blood Flow and Diffusion due to External and Internal Solution, Journal of Biology and Today's World 11(2), 2022.
4. Gajanan Dhanorkar, Nilesh Nalawade, Shrikant Jakkewad, Dattatray Bhosale, Partial Metric Space with Modulation of Fixed Point Theorems in Generalized Contractions Mapping Webology, 19(2), 2022.

COURSES/TRAINING PROGRAMMES COMPLETED:

Workshop/Seminar	Date
Participated in the Third Online Two-Week Refresher Course in Basic Sciences organized by the UGC-HRDC, Jamia Millia Islamia, New Delhi from 02 August to 18 August 2022 and obtained	2 nd -18 th Aug 2022
One week FDP on "Developing Consciousness" under AICTE Training and Learning (ATAL) Academy by Dayalbagh Educational Institute from 26-30 Nov 2021	26th-30th Nov 2021
One week FDP on "Effective Leadership and Excellence in Technical Education" under AICTE Training and Learning (ATAL) Academy at Women Engineering College Ajmer from 15-19th Nov 2021	15th-19th Nov 2021
One week FDP on "Quality Enhancement & Assessment Way Ahead" organized by Internal Quality Assurance Cell Under the aegis of RUSA, 16th-20th June 2021	16th-20th June 2021
Six Days Virtual AICTE-ISTE Sponsored Refresher Programme "Innovative Teaching Techniques and Research (Series-III)" organised by Karmaveer Bhaurao Patil College of Engineering, Satara from 24th May to 29th May 2021	24th -29th May 2021
Two weeks Faculty Development Program on 'Managing Online classes and co-creating MOOCs' organized by TLC Ramanujan College from 20th April 2020 – 6th May 2020.	20th April – 6th May 2020.
One Week Online FDP program on ICT tools for effective teaching learning organized by Swami Ramanand Teerth Marathwada University, Nanded from 11th May – 16th May 2020.	11th May – 16th May 2020.
Two days National seminar on Intellectual property rights and Research methodology held during 26th – 27th February, 2020 by Research promotion and ethics committee and department of IT, KBP College, Vashi.	26th – 27th February 2020
Faculty Orientation Program organized by Ramanujan College, Vashi under MHRD from 4th June – 1st July 2020.	4th June – 1st July 2020
One Week Online Faculty Development Program on "MATLAB APPLICATIONS IN ENGINEERING AND SCIENCE, Organized by Civil Engineering Department, Government College of Engineering, Karad.	27th April to 01st May 2020
Four Weeks Numerical Methods: Finite difference Approach by NPTEL SWAYAM Jan-Feb 2020	Jan-Feb 2020