

CURRICULUM VITAE



Dr. AMRESH KUMAR

Designation: Professor

Department: Mathematics

Official Email ID: headmath@bbdnii.ac.in

ACADEMIC/INDUSTRIAL EXPERIENCE:- 24 Years

QUALIFICATION: - Ph.D.

AREA OF INTEREST:- Pure Mathematics

RESEARCH PUBLICATION:-

1. Kumar, Amresh : A note on equivalent systems characterizing abelian groups; The Aligarh Bull. of Maths. Vol. 18 (1999) pp. 15-23.
2. Kumar, Amresh : Postulates for a field in terms of inverse operations; The Aligarh Bull. of Maths. Vol. 19 (2000) pp. 27-32.
3. Kumar, Amresh : A note on commutative groups; The Aligarh Bull. of Maths. Vol. 19 (2000) pp. 61-68.
4. Kumar, Amresh & Mishra, Anju : On some equivalent single equational axioms for abelian groups and Boolean groups; Ranchi University Mathematical Jour. Vol. 31 (2000) pp. 19-28.
5. Agrawal, R.C & Kumar, Amresh : A note on subtractive groupoids; Jour. of the Indian Math. Soc. Vol. 68, Nos. 1-4 (2001) pp. 81-89.
6. Agrawal, R.C. & Kumar, Amresh : On characterization of subtractive abelian loops; The Mathematics Student Vol. 70, Nos.1-4 (2001), pp. 209-213.
7. Agrawal, R.C. & Kumar, Amresh : Groups and Abelian groups: Postulates in terms of two operations; News Bulletin Calcutta Math.Soc, 28(7-9)(2005), pp.15-20.
8. Kumar, Amresh; Joshi, D.R.; Tripathi, P.K. & Agrawal, A.K.: Generalized Contaction and its applications; International Journal of Advance Science & Technology 29(2)(2020), pp. 2448-2451.
9. Kumar, Amresh; Kumar, Gaurav & Rizvi, S.M.K : Heat absorption and Hall current effects on unsteady MHD flow past an inclined plate; Studia Universitatis Babes –Boly AI Engineering 65(1), (2020),pp. 79-95.

10. Singh, Chetna; Agrawal ,Alok; Kumar, Amresh; Agarwal, Anuj Kumar; & Tripathi, P.K: Modeling the effect of reproductive toxicant in subclass and is emitted into the environment by the biological species itself; Journal Math.Comput.Sci.11(2021), No.5, 6142-6167.

NPTEL Certification:

1. Elite Certificate awarded for the course “ Ethics in Engineering Practice”
2. Elite Certificate awarded for the course “ Effective Engineering Teaching In Practice ”
3. Elite+Gold Certificate awarded for the course “ Accreditation and Outcome Based Learning”
4. Elite Certificate awarded for the course “ Numerical Methods”

FDP / FTP / CONFERENCES ATTENDED:-

1. One week AICTE Recognized Faculty Development Program organized by NITTTTR, Chandigarh on “NEP 2020 Implementation in Higher Education Institutes” held on May 09, 2022 to May.13, 2022 in online mode.
2. Faculty Development Program on “Data Analysis Using Advanced Excel” organized by E &ICT Academy, IIT Kanpur in association with BBDNIIT during Feb 01-07, 2022.
3. Three day workshop organized by AICTE on “Examination Reform Workshop” held on Dec 14, 2021 to Dec.16, 2021 in online mode.
4. ‘NITTT – Orientation Training Programme for Mentors (in ONLINE MODE)’ from 27th Sept. to 1st Oct., 2021.
5. Five Day online Faculty Development Program on “Outcome based education & NBA Accreditation” during 31st March to April, 2021.
6. Webinar on “Mathematical Modeling and the Pandemic” organized by Bharat Ganita Parisad & Department of Mathematics & Astronomy, University of Lucknow from December 12 to December 13, 2020.
7. Three Day online Faculty Development Program on “Outcome based education “ during 14th-16th September, 2020.
8. Five Day Faculty Development Program on “Mathematical Modeling and its Applications in Engineering” jointly organized by AKTU with AICTE short term training program during July 06-10, 2020.
9. Online National workshop on “Outcome Based Education (OBE)” jointly organized by SPIU, U.P, TEQIP-III, NIPU, India, The Institution for Engineers (India) and Dr. APJ Abdul Kalam Technical University, Lucknow on June 10, 2020.
10. Online National workshop on “NBA Accreditation Assurance of Quality in Technical Education” jointly organized by SPIU, U.P, TEQIP-III, NIPU, India, The Institution for Engineers (India) and Dr. APJ Abdul Kalam Technical University, Lucknow on June 11, 2020.
11. Webinar on “e- Summit of vice Chancellors on Challenges & Opportunities in Higher Education in Post Covid-19 Era” jointly organized by SPIU, U.P, TEQIP-III, The Institution for Engineers (India) and Dr. APJ Abdul Kalam Technical University, Luck now on June 14, 2020.
12. Webinar on “Role of technologies in Rural Areas for Skill Development, Livelihood for Atmnirbhar Bharat” jointly organized by SPIU, U.P, TEQIP-III, NIPU, India, The Institution for Engineers (India) and Dr. APJ Abdul Kalam Technical University, Lucknow on June 16, 2020.
13. Webinar on “Enablers of Quality in Technical Education for Employability” organized by Dr. APJ

Abdul Kalam Technical University, Lucknow on May 24, 2020.

14. One- week FDP on “Moodle Learning Management System” organized by Spoken Tutorial Project, IIT Bombay from May 15 to may 19, 2020.
15. Management Development Programme on “Management Decision Making Under Uncertain Environment for the Faculty Members of AKTU associated Engineering Colleges” organized by Indian Institute of Management, Lucknow during October 18-20, 2019.
16. One day workshop organized by AICTE on “Examination Reform Workshop” held on Sept 24, 2019 at Dr. APJ Abdul Kalam Technical University, Luck now.
17. Two day National workshop on “Importance of Technical Terminology in Indian Language on Technical Education in India” organized by commission for Scientific and Technical Terminology during Aug. 16-17, 2019.
18. Participated in the 89th Session Indian Science Congress- 2002, held at Lucknow.
19. Participated in the Conference on Mathematics – 2002 held at Lucknow.

ACHIEVEMENTS:-

1. Life member of Bharat Ganita Parisad.
2. Life member of Indian Mathematical Society.
3. Video Lectures Telecasted on Swayam Prabha TV Channel no 15:
 1. Lecture on the topic “Leibnitz’s theorem and its application” of Engg. Mathematics I (KAS103T).
 2. Lecture on the topic “Rolle’s theorem and Mean value theorem” of Engg. Mathematics I (KAS103T).
 3. Lecture on the topic “Cauchy Mean Value Theorem” of Engg. Mathematics I (KAS103T).
 4. Lecture on the topic “Solution of one dimensional wave equation” of Mathematics IV (KAS302/KAS402).
 5. Lecture on the topic “Solution of two dimensional wave equation” of Mathematics IV (KAS302/KAS402).
 6. Lecture on the topic “Singular points and zeros of an Analytic function” of Mathematics II (KAS203).
 7. Lecture on the topic “Residues and Cauchy’s Residues Theorem” of Mathematics II (KAS203).

OTHER RESPONSIBILITIES: Head of Department

Controller (Admissions & Examinations)

Date: 16/06/2022

Place: Lucknow

Prof.(Dr.) Amresh Kumar