Dr. Lavkush Dwivedi, *Ph.D.*
- **Associate Professor of Biomedical Science**
  Innovation Centre, Bundelkhand University
  Jhansi-284128, Uttar Pradesh, India
- **Coordinator,** Medical Lab Technology Programme
- **Coordinator,** Baidyanath Ayurved Research Program
- **Coordinator,** DST-Technology Enabling Centre
- **Coordinator,** BU-Innovation Centre
- **Head,** Dept. of Biomedical Sc. (2015-2018)

Mobile: +91 9452888176
e-mail-lavkush@bujhansi.ac.in
bubms02@gmail.com
Web: www.bujhansi.ac.in
Profile page-Bundelkhand University, Jhansi (bujhansi.ac.in)
YouTube-Immunity Talks by Dr. Lavkush Dwivedi - YouTube
Web- https://tec.bujhansi.ac.in

Teaching & Research Areas:

- Immunology & Human Physiology (*Teaching*)
- Health Risks Assessment & Management (*Research*)
- Biomedical Engineering & Herbal Drugs (*Research*)
- Research Capacity Building & HRD (*Training*)

Achievements @Glance

• Awards/Appreciations	: 29
• Ongoing Projects	: 03 *(INR 100 million+)*
• Completed Projects	: 07 *(DST & Baidyanath Group)*
• Submitted Projects	: 03
• Total Teaching & Research Experience	: 15 Years
• Academic Programmes Developed & Established in BU	: 03 *(M.Sc. Life Science, B.Sc. Medical Lab Technology, B.Sc. (Hons) Instrumentation*
• Consultancy Generated	: 20 Lacs+
• Publications	: 110 *(including articles, Patents, Books, Chapters & Conference Papers)*
a) Books	: 03 *(Published by Int'l Publishers)*
b) Patents	:10 *(07 Published, 03 Granted)*
c) White papers	: 02
d) Special Issues Edited as Guest Editor	: 02
e) Articles Edited in Special Issue	: 16
f) Research & review articles including editorials	: 37
g) Papers Presented in Conferences	: 35
h) Letter to Editor	: 08
• Conferences/Trainings/ Workshops/FDPs underwent	: 55
• Total Technologies developed/enabled under TEC activity till 2025	: 20
• Total Industry projects Coordinated till 2025	: 18 *(Funded by Shree Baidyanath Ayurved Pvt. Ltd.)*
• Editorial Board Member of Research Journals	: 10
• Conferences/Symposium/University Level Science Quizzes/Science Exhibition Organized	: 51
• Lectures delivered as Invited Speaker/Resource Person	: 45
• International Member of Scientific/Academic Societies	: 10
• Research Supervisor	: 03 Ph.D. & 22 M.Sc. *(Awarded)*
• Member of various administrative and other students' welfare Committees of Bundelkhand University, Jhansi	: 25+

Qualifications:

- **Ph.D.** (Awarded in 2010)
  - **Thesis title-***'Development of predictive in-silico tool for the human health risk assessment & management'*
  - **Subject-** Biomedical Science; **Supervisors**- Prof. AB Pant (CSIR-IITR) & Prof. Rambir Singh (BU, Jhansi)
  - **Institute-** CSIR- Indian Institute of Toxicology Research (Then-Industrial Toxicology Research Centre), Lucknow, Uttar Pradesh, India, **University-**Bundelkhand University, Jhansi
- **M.Sc.** (Biomedical Science)-Bundelkhand University, Jhansi, India – 2005 (69%)
- **B.Sc. (**Biology flow)-C.S.J.M. University, Kanpur, India – 2003 (68%)

Personal profile:

• Father's Name:	Late R. S. Dwivedi
• Date of Birth:	16-April-1983
• Languages Known:	English & Hindi
• Nationality:	Indian
• Marital status:	Married Male

Current Positions:

1.	Associate Professor of Biomedical Sc., Innovation Centre, BU Jhansi	: 26/02/2024- till date
2.	Coordinator, DST-Technology Enabling Centre	: March 2023 onward

3. Coordinator, Baidyanath Ayurved Research Program : February 2023 onward
4. Coordinator, B.Sc. Medical Lab Technology Programme : 26 August 2021 onward
5. Coordinator, Innovation Centre *(A Central Instrumentation Facility)* : 06.07.2017 onward
6. Internal Quality Auditor/Lead Auditor (ISO 9001:2015 QMS), : 04.08.2018 onward

Positions held in past:

1. Assistant Professor, Institute of Biomedical Sciences, BU Jhansi : 26/11/2011- 25/02/2024
2. Dy. Coordinator, NAAC Criteria-3 (Research) : March 2022- December 2023
3. Coordinator, UGC-STRIDE(I) Program, BU Jhansi : January 2020- March 2023
4. Head, Dept. of Biomedical Sciences : 27.3.2015 – 07.08.2018
5. Convener, Board of Studies-Biomedical Sciences : 27.03.2015-07.08.2018
6. Assistant Proctor, Bundelkhand University : 27.10.2014 - 30.6.2015
7. Lecturer, Dept. of Biomedical Sciences : 18.4.2006-31.8.2008
8. Guest Lecturer, Dept. of Biomedical Sciences : 01.9.2008 – 25.11.2011

Key inputs/Contribution in Teaching, Research, and Students Empowerment

- **Supported in the attainment of Category-1 status** given by UGC to the Bundelkhand University Jhansi
- **Supported in achieving 35th All India Rank in the India Today**- MDRA Best University Ranking 2025 by Bundelkhand University, Jhansi
- **Coordinated training of 450+UG students; 500+PG; 150+ Research Scholars & 250+ Faculty members** on advanced scientific research equipments/areas at the Innovation Centre, BU Jhansi.
- **Organized 55+Conferences**/Seminars/FDPs/Training Programs/ Science Quizzes, etc. for students, research fellows and faculty members at Bundelkhand University.
- Coordinated **R&D projects of about 50 million** on avrious areas from different funding agencies.
- Coordinating seed research module of the University by promoting students ideas through **Technology Hackathon, Innova-thon and Support for Technology Upgradation and Transfer to the Industries (STUTI).**
- **Provided technological support to 26 MSMEs** of Jhansi and around and transferred technologies to 07 of them including Jahnsi Baazar, Bekar ko Aakar, Interior Touch, Gharana Boutique etc. through DST-TEC.
- **Supported to the establishment of 60+ Start-ups** at BASIC Incubation Centre of Bundelkhand University by mentoring and providing lab support to them.
- Generated **consultancy of >20 Lacs** from the Innovation Centre in the last three years.
- Supported in **University NAAC Accrediation (fourth cycle) as Dy. Coordinator of NAAC Criteria-3** (Research, Innovation & Extension).
- **Developed & patented 10 technologies** including a predictive **'Healthकुंडली',** System for the prevention of Suicides, safety system for wearable Helmet, Air bag system in two wheelers, Synergistic polyherbal formulation for colon cancer, forensic device for fingerprinting, online bridging tool to connect job seekers to job providers, etc.
- Produced **110+ publications** including Patents, Articles, Books, Chapters, conference papers/presentations and 50+ e-contents.
- Coordinated **Research in Ayurveda with Baidyanath Industry** by training to about 30 students.
- Designed detailed ordinance & syllabi of **B.Sc. Medical Laboratory Technology (Techniques)**, processed & pursued for approval from the state authority and established the program in Dept. of Biomedical Sciences from session 2021-22 as Course Coordinator.
- **Designed and established CBCS Complied M.Sc. Life Sciences programme** in the Dept. of Biomedical Sciences from session 2019-20 as HOD.
- **Designed and established CBCS Complied M.Sc. Biomedical Science programme** in Dept. of Biomedical Sciences from session 2018-19 as HOD.
- Organized **12 University & Schools/Colleges bridging programs** like science Quizzes, Science Exhibition.
- Organized **06 Science Quizzes** (based on CSIR-UGC Life Sciences syllabus) for the preparation of NET exams.
- Explored students' extracurricular activities under students' journal club developed in the department.
- Emphasized on **Teaching & Learning in classes according to Bloom's Taxonomy** (*Remember, Understand, Apply, Analyze, Evaluate and Create*) by using video loaded ppt. lectures and demo based teaching.
- **Developed ERP module for digitized compilation of students' & Teachers' attendance** in the classes and rewarding to the teachers and students engaged in regular teaching & learning.
- Introduced **Class Seminars, Group Discussion and Mock Interview as mandatory practice of internal assessment** in the UG and PG programmes of the Department of Biomedical Sciences.

Academic/technical Programms established in the University as Coordinator				
S. No.	**Title of the Programme**	**Affiliation**	**Starting session**	**Key features**
1.	M.Sc. Life Science	Institute of Biomedical Sciences, BU, Jhansi	2017-18	University approved PG Programme
2.	B.Sc. Medical Laboratory Technology	Institute of Biomedical Sciences, BU, Jhansi	2021-22	University approved UG Programme
3.	B.Sc. (Hons.) Instrumentation	Innovation Centre, BU, Jhansi	2026-27	University approved UG Programme
4.	Certificate in Advanced Instrumentation and Research Innovation Practices	Innovation Centre, BU, Jhansi	2025-26	University approved Certificate Programme
5.	TEC- Tech Hackathon	DST-Technology Enabling Centre	2023	A potent idea nurturing scheme towards enabling development of new technology
6.	TEC- Innovathon	DST-Technology Enabling Centre	2023	An Industry-Academia interaction event where technologies are exhibited for transfer to the intrested industry.
7.	TEC- Skill Training for Research Innovation and Developing Entrepreneurship (STRIDE)	DST-Technology Enabling Centre	2023	A Training programme combining the modules of developing advanced research knowledge, hands-on-Training on equipments and project management.
8.	TEC- Scheme for Technology Upgradation & Transfer to Industry (STUTI)	DST-Technology Enabling Centre	2025	A scheme of empowering innovator/technology developer for TRL enhancement and transfering the product to Industries.
9.	Resource Expertise through Alumni Collaboration Hub (REACH)	DST-Technology Enabling Centre	2025	A scheme of engaging expert alumni/pre-trained students toward training to the fresh batches of students.
10.	UGC-STRIDE Programme	Innovation Centre, Bundelkhand University, Jhansi	2020	A programme for the promotion of transdisciplinary research involving participants from multidiscipline.
11.	Integrated Module for Practicing Articulation, Communication, Teaching- Testing (IMPACT) organized every weekend.	Institute of Biomedical Sciences, BU Jhansi	2021	A module of training students for developing the communication skill through GD, Class Seminar, Mock-Interview and practicing teaching & testing on every weekend.

Key Technologies/Projects Enabled for their TRL enhancement: 20

1. IOT-based Home Automation
2. Development of Nutraceutical Food Supplement as a Healthier Diet
3. Screening of Intestinal Alpha Glucosidase Inhibition
4. Safety Air Bags for Two-Wheelers
5. Automated Fingerprint Development Scanner
6. Predicting students' stress level and wellbeing with machine learning
7. Bridge next- online bridging tool between service provider and needy population
8. Novel herbal cocktail to alleviate oral squamous cell carcinoma
9. Problems and prospects of MSME: an empirical investigation of Bundelkhand region of Uttar Pradesh
10. SMART wearable HELMET
11. BINMAN
12. Development of Advanced High Performance Gaming Mouse for the Indian Market
13. Suraksha Kawach; a preventive tool for Suicide
14. Agro Waste Management through Mushroom Cultivation and Processing
15. Smart Irrigation System based on IOT and Advanced with Laser Security
16. Water Level Indicator – Smart Water Management System
17. IoT-Based Medicinal Pellet Machine – Smart Animal Feed Technology
18. Social Smartly Progressive Jhansi Bazaar – Digital Tourism & Cultural Heritage Model
19. Handheld Blood Identification Device – Rapid Field Diagnostics
20. Electronics Bazaar DIY Kit – Hands-On Innovation Learning

Research Project(s):

Ongoing:

1. Network Project on "SAKSHAM - Scientific Advancements in Knowledge for Sustainability, Healthcare, and Materials" with the **Hub- Indian Institute of Technology, Indore** funded by Anusandhan National Research Foundation (ANRF) under the Partnership for Accelerated Innovation & Research (PAIR) scheme of Govt. of India. Total Project Layout- **101.25 Cr.** (BU Component- Rs. 5.03 Cr.) Role- Spoke PI /Coordinator
2. Technology Enabling Centre funded by Dept. of Science & Technology, Govt. of India; Duration- 2023-2028; Total Layout- **4.56 Cr.**; Role- Coordinator
3. Shree Baidyanath Ayurveda Research Fellowship Program (BARFP) funded by Shree Baidyanath Ayurved Bhawan Pvt. Ltd., Jhansi; duration-2023-2026; Total Layout- **42.0 Lacs**; Role- Coordinator.

Completed:

4. Development of Predictive in-silico tool for Self-Health Risks Assessment & Management, funded by Govt. of Uttar Pradesh; duration- 2021-2024; Layout- **1.41 Lacs** Role- Principal Investigator
5. The Research Capacity Building Programme for the locally needed and socially relevant Trans-disciplinary & Interdisciplinary Research, funded by UGC under the *Scheme for Transdisciplinary Research for India's Developing Economy* (STRIDE) Component-I; 2020-23; Total Layout- **61.0 Lacs**; Role-Coordinator
6. Minor Research/Seed Money Project on "*GC-MS based Phytochemical profiling and chromatographic analysis of the medicinal plants*" under ICRGS by the Innovation Centre, Bundelkhand University, Jhansi; Duration- 06 months (2021-22); Total Layout- **Rs. 30000.00**; Role- Principal Investigator.
7. Promotion of value added and herbal industry-oriented cultivation of medicinal plants and their quality analysis for facilitating better industrial value for self-employment generation and sustainable development of farmers in Bundelkhand region, funded by Dept. of Science Technology, Govt. of India; Duration- 2018-21; Total Layout- **46.98 Lacs**; Role- Principal Investigator.
8. Minor Research/Seed Money Project on *"GC-MS based Phytochemical profiling and chromatographic analysis of the medicinal plants"* under ICRGS by the Innovation Centre, Bundelkhand University, Jhansi; Duration- 06 months (2020-21); Total Layout- **Rs. 40000.00**; Role- Principal Investigator.
9. Minor Research/Seed Money Project on *"GC-MS and AAS based Phytochemical profiling and chromatographic analysis of the medicinal plants"* under ICRGS by the Innovation Centre, Bundelkhand University, Jhansi; Duration- 06 months (2019-20); Total Layout- **Rs. 45000.00**; Role- Principal Investigator.
10. Baidyanath Young Entrepreneur Fellowship (for PG students), funded by Shree Baidyanath Ayurved Bhawan Pvt. Ltd., Jhansi; Duration-2015-16; Layout- **5.0 Lacs**; Role- Coordinator

Submitted:

11. Project proposal on "Social Advancement of Knowledge, Skills, Humanity, and Adaptive Market-driven solutions towards Potentiation of Economically Weaker Section of Jhansi and Lalitpur areas of Bundelkhand region through Technological Support for Better Livelihood and Agriculture Empowerment" submitted to DST, Govt. of India under SUNIL Scheme in April 2025 (Total Layout- 20 Cr.)

Awards& Distinctions:

1. **Best poster Presentation Award** for the Paper "*Human Health Risk Assessment & Management; In-silico approaches*" conferred by Dept. of Environmental Sciences, BBAU during National Symposium on Issues & Challenges for Environmental Management: Vision 2025, February 17-19, **2006.**
2. **Young Faculty Award** conferred by EET, Kolkata under 4th Faculty Branding Awards-on 24/07/**2016**.
3. **Young Faculty Award** conferred by Venus International Foundation Chennai. Citation-Lavkush Dwivedi - Facts". Vifa.info. VIF Press 2016. Web. 1 Aug **2016**.
4. **Excellence in Teaching & Research Award** conferred by GRABS Educational Charitable Trust, Chennai on 22nd January, **2017**.
5. **Young Scientist-Hon'ble Mention Certificate** conferred by Education Expo TV (EET CRS), Kolkata under 5th Faculty Branding Awards on 23rdJuly **2017**.
6. **Bright Educator Award** Conferred by International Institute of Organized Research (I2OR) in July, **2017**.
7. **Excellent Teacher Award** by Bundelkhand University, Jhansi for maintaining brilliant and consistent high standards of academics and teaching in AY 2017-**2018**.
8. **Best faculty- Hon'ble Jury Mention Certificate** conferred by Education Expo TV (EET) under 6th Academic Brilliance Awards-2018 on 28th January, **2018**.
9. **IARDO Award for Promising Educators-2018** Conferred by International Association of Research and Developed Organization (India Education Charitable Trust, Ghaziabad) in association with Gurukul Institute of Engineering & Technology, Kota during International Award Conference on Multidisciplinary Research and Latest Innovation on October 28,**2018**.
10. **Research Excellence Award** by Bundelkhand University, Jhansi for maintaining brilliant and consistent high standards of academics and teaching in AY 2018-**2019**.
11. **Academic Excellence Award** by Bundelkhand University, Jhansi for maintaining brilliant and consistent high standards of academics and teaching in AY 2018-**2019**.
12. **Awarded by Jhansi Nagar Nigam** for active contributions in various programmes organized under 'Swachhta hi sewa, Swachhata Sarwekshan- **2019**.
13. **Research Excellence Award** by Bundelkhand University, Jhansi for maintaining brilliant and consistent high standards of academics and teaching in AY **2019-2020**.
14. **Excellent Teacher Award** by Bundelkhand University, Jhansi for maintaining brilliant and consistent high standards of academics and teaching in AY **2019-2020**.

15. **Excellent Teacher Award** by Bundelkhand University, Jhansi for maintaining brilliant and consistent high standards of academics and teaching in AY **2020-2021**.
16. **'Nature Care Award'** conferred by Jila Jankalyan Mahasamiti & Rani Jhansi Foundation, Jhansi on 02/01/**2022.**
17. **Certificate of Appreciation (National Level)** by Bundelkhand University, Jhansi for maintaining brilliant and consistent high standards of academics and teaching in AY **2021-2022**
18. **Innovation Ambassador** (Advanced level) conferred by Innovation Cell, Ministry of Education & All India Council for Technical Education (AICTE), Govt. of India, New Delhi on 13th October, **2022**.
19. **Innovation Ambassador** (Basic level) conferred by Innovation Cell, Ministry of Education & All Indian Council for Technical Education (AICTE), Govt. of India, New Delhi on 13th October, **2022**.
20. **'Nature Care Award'** conferred by Jila Jankalyan Mahasamiti & Rani Jhansi Foundation, Jhansi on 11th January **2023.**
21. **Certificate of Appreciation with Cash Award** for excellent works in Bundelkhand University, Jhansi on 26th January **2023**.
22. **Shikshak Gaurav Samman-2023** conferred by Times Now Group & Shrestha Foundation, Jhansi in September **2023.**
23. **Certificate of Appreciation** provided by Hon'ble Vice-Chancellor in recognition of exemplary contribution to the NAAC assessment process of Bundelkhand University in achieving an A++ Grade on 7th August **2024**.
24. **Certificate of Felicitation** conferred in appreciation of my outstanding contribution towards Bundelkhand University's attainment of Category-I status of graded Autonomy granted by UGC. Certificate provided by IQAC, BU Jhansi on July 14, **2025**.
25. **Certificate of Appreciation** conferred in recognition of my contributions toward the academic & Institutional development of Bundelkhand University Jhansi in achieving 35th All India Rank in the India Today- MDRA Best University Ranking 2025. Certificate conferred by IQAC, BU Jhansi on August 05, **2025.**
26. **Certificate of Appreciation** conferred in recognition of my contributions in achieving impressive presence by the Bundelkhand University in NIRF 2025 Ranking (68th Rank by Institute of Pharmacy). Certificate conferred by IQAC, BU Jhansi on August 05, **2025.**
27. **Certificate of Appreciation** conferred in recognition of my contributions to Bundelkhand University in achieving QS Asia (901-950); QS Southern (297) & QS All India (156) Ranking- 2026. Certificate conferred by IQAC, BU Jhansi on November 06, **2025.**

Patents:

1. Prof. Mukesh Pandey, Dr. Anupam Vyas, Dr. S.K. Shrivastava, **Dr. Lavkush Dwivedi**, Dr. Surendra Verma & Dr. Priyanka Tripathi (2023); *Portable solar charger for electronic devices*. Published in the Patent Office Journal No. 51/2023; Dated 22/12/2023. Design patent no. 398182-001; Dated 20/10/2023; URL-Intellectual Property India. **(Granted).**
2. Prof. Mukesh Pandey, Deepak Tomar, Zakir Ali, Sadik Khan, Sabir Ali (2023); *Eco-friendly fully renewable energy-based e-vehicle for Movement in Campus of Bundelkhand University*. Application no. 202311057246, Patent Office Journal no. 39/2023 Dated- 29/09/2023: pp. 64439, Govt. of India; URL-Intellectual Property India **(Published).**
3. Prof. Mukesh Pandey, **Dr. Lavkush Dwivedi**, Dr. Rohit Peardon (2023); *Safety System for Wearable Helmet*. Application no. 202311057274, Patent Office Journal no. 39/2023 Dated 29/09/2023: pp. 64440, Govt. of India; URL- Intellectual Property India **(Published).**
4. Prof. Mukesh Pandey, **Dr. Lavkush Dwivedi** (2023); *A system for the prevention of suicides.* Application no. 202311056635, Patent Office Journal no. 39/2023 Dated- 29/09/2023: pp.64343, Govt. of India; URL- Intellectual Property India **(Published).**
5. Prof. Mukesh Pandey, **Dr. Lavkush Dwivedi**, Dr. Anupam Vyas (2023); *A system and method for Health Risk Assessment and Management.* Application no. 202311025357, Patent Office Journal no. 20/2023 Dated 19/05/2023: pp. 37312, Govt. of India. Intellectual Property India (ipindia.gov.in) **(Published).**
6. Prof. Mukesh Pandey, Er. APS Gaur, **Dr. Lavkush Dwivedi**, Md. Numan Alam, Neelendra Pratap Singh, Somesh Narayan Tripathi, Prateek Kumar Singh (2024); *An Airbag System for a Vehicle*. Application no. 202411044097, Patent Office Journal no. 25/2024 Dated- 21/06/2024: pp. 55135, Govt. of India; URL- Intellectual Property India (**Published).**
7. Dr. Kavya Dubey, **Dr. Lavkush Dwivedi**, Prof. Mukesh Pandey (2024); *Predicting student's stress level and wellbeing with Machine Learning*. Application no. 15022/2024-CO/L Dated- 09/05/2024; ROC no. L150851/2024, Govt. of India; URL- E-Register_July_2024.xlsx **(Granted)**
8. Dr. Shambhu Nath Singh, **Dr. Lavkush Dwivedi**, Prof. Mukesh Pandey (2024); *Market Research of a Locality for the Development of Online Bridging Tool between Service Providers and Needy Population*. Application no. 15027/2024-CO/L Dated- 09/05/2024: ROC no. L-150849/2024, Govt. of India; URL- E-Register_July_2024.xlsx. **(Granted)**
9. Dr. Bhawna Sharma, Dr. Upendra Kumar, **Dr. Lavkush Dwivedi**, Prof. Mukesh Pandey (2025): *Synergistic polyherbal composition.* Application No. 202411098824, Dated- 13/12/2024 published in the Patent Office Journal No. 1/2025 Dated 03/01/2025 pp. 220. Govt. of India. URL- Intellectual Property India **(Published).**
10. Dr. Anu Singla, Saurabh Prajapati, Neha Ahirwar, Shashi Shekhar, **Dr. Lavkush Dwivedi**, Prof. Mukesh Pandey (2025); *A Fingerprint Detection and Development Device for Forensic Investigation*. Application no. 20241103848; Dated 27.12.2024 Patent Office Journal no. 02/2025; Dated- 10/01/2025: pp. 3309, Govt. of India; URL-Intellectual Property India **(Published).**
11. Ikroop Verma, Lalit Sen, Shivanshu Joshi, Devendra Kumar Bhatt, Mukesh Pandey, **Lavkush Dwivedi** (2025); Smart Irrigation System Powered by Internet of Things (IOT) and Laser Security. Application no. 202511017383; Dated 27.02.2025 Patent Office Journal no. 11/2025; Dated- 14/03/2025: pp. 25678, Govt. of India; URL-Intellectual Property India **(Published).**

White Paper:

12. White paper on problems in the Bundelkhand region and their technological solutions; A Hindrance in the Development of the Bundelkhand Region. Submitted by DST-BUTEC to Dept. of Science & Technology, Govt. of India, New Delhi dated 20th September **2024.**
13. White paper on Policy Perspectives for MSME Development in the Bundelkhand Region of Uttar Pradesh. Submitted by DST-BUTEC to Dept. of Science & Technology, Govt. of India, New Delhi dated 2nd January **2025.**

Books:

14. Special issue on '*Herbal immunomodulatory and therapeutic approaches against the infectious diseases*' published by *South Asian J. Exp. Biol.***2011**; 1(5). URL: http://sajeb.org/index.php/sajeb/issue/view/337. (10 Articles). *(A UGC Indexed Web of Science Journal)* **(SJIF- 6.225).** ISSN-2230 9799
15. **Lavkush Dwivedi**, AB Pant, R. Singh: Human Health Risk Assessment and Management: development of a predictive in-silico tool. Germany: Lambert Academic Publishing (LAP) **2011**;International Publisher ISBN: 978-3-8454-7987-3.
16. Special issue on '*Immunopotentiating ability of medicinal plants against the chronic diseases*. Published by *South Asian J. Exp. Biol.***2013**; 3(6). URL: http://sajeb.org/index.php/sajeb/issue/view/574 (08 Articles). *(A UGC Indexed Web of Science Journal)*. ISSN-2230 9799.
17. **Lavkush Dwivedi**: Important Medicinal Plants of India; the taxonomy, therapeutic potential and associated ethical belief. Germany: Lambert Academic Publishing (LAP) **2013**;International Publisher ISBN: 978-3-659-37057-1.
18. **Lavkush Dwivedi:** Instant Notes on Human Physiology. 1st ed., Educreation Publishing, New Delhi **2018**; International Publisher. ISBN 978-1-5457-2466-8.

Profile

Dr. Lavkush Dwivedi is an accomplished academician and researcher with a distinguished career in Biomedical Sciences. He is currently serving the science as Professor of Biomedical Sciences at the Innovation centre, Bundelkhand University, Jhansi, India. Dr. Dwivedi has made significant contributions to the field of Immunology, Phytomedicine, Health Risk Assessment & Management which are evident through his extensive publication record, with over 100 publications in reputed scientific journals, showcasing his expertise and commitment to advancing biomedical research..

In addition to his research publications, Dr. Lavkush Dwivedi has also authored three books, further solidifying his reputation as an authority in the subject matter. These books might cover various aspects of biomedical sciences, offering valuable insights to students, researchers, and professionals alike.

Dr. Dwivedi's dedication to promoting academic discourse and fostering scientific collaboration is evident in the organization of 55+ conferences under his leadership. These conferences likely served as platforms for scholars and researchers to share their work, exchange ideas, and network with peers in the field of Biomedical sciences.

Throughout his career, Dr. Lavkush Dwivedi's exceptional contributions have been recognized through the receipt of 28 awards. These accolades could be for his groundbreaking research, teaching excellence, leadership in academia, or contributions to the scientific community as a whole.

Having held the position of Head of the Department (HOD) at some point in his career, Dr. Dwivedi demonstrated his leadership abilities and took on responsibilities to shape the department's direction and mentor upcoming researchers in Biomedical Sciences.

Education and Academic Background: Dr. Lavkush Dwivedi holds an impressive academic background. He completed his undergraduate studies in Biological Sciences at a reputable CSJM University Kanpur in 2003, followed by a Master's degree in Biomedical Science from Bundelkhand University Jhansi in 2005. Motivated by a passion for understanding the complexities of the Biomedical Sciences, he pursued a Ph.D. in Biomedical Science from a renowned CSIR-Indian Institute of Toxicology Research (then-ITRC), Lucknow (rgtd. at Bundelkhand University) in 2010, where he specialized in a particular aspect of Human Health Risk Assessment and Management.

Research Contributions: Throughout his career, Dr. Dwivedi has been actively involved in cutting-edge research related to immunology, Phytomedicine, Healthcare, Health Risk Assessment & management. His work primarily focuses on understanding the underlying mechanisms of immune responses in various diseases, identification of novel phytocompounds, and development of new techniques/ tools for the safety of life. His research findings have been published in reputed scientific journals, adding valuable insights to the scientific community's knowledge.

Teaching and Mentorship: As a teacher at the Institute of Biomedical Sciences, Dr. Lavkush Dwivedi has been instrumental in shaping the minds of young aspiring Biomedical Scientist. He is known for his passion for teaching and has mentored numerous graduate and postgraduate students in their research projects. Many of his former students have gone on to pursue successful careers in Biomedical Science and related fields.

Collaborations and Leadership: Dr. Dwivedi has actively collaborated with national and international research institutions, fostering interdisciplinary research and promoting knowledge exchange. He has organized 50+

conference/training programs, and also participated in various conferences and symposiums, where he has presented his research findings and engaged in scientific discussions with fellow experts.

Recognition and Awards: Over the years, Dr. Lavkush Dwivedi's contributions to the field of Biomedical Science have been recognized and acknowledged through 28 awards and honors including *Excellent Teacher, Academic Excellence, Research Excellence, Nature Care Award, Promising Educator, Young Scientist, Excellence in Teaching & Research, Certificate of Appreciation and Bright Educator Awards in the last five years.* His dedication and hard work have earned him a reputation as an influential and respected figure in the teaching community.

Beyond Work: Outside of his professional commitments, Dr. Dwivedi is known for his approachable and amiable personality. He is passionate about promoting scientific awareness among the general public and actively engages in outreach programs to disseminate knowledge about Biomedical research.

Overall, Dr. Lavkush Dwivedi's 15-year journey as a Teacher of Immunology & Human Physiology at Bundelkhand University has been marked by academic excellence, impactful research, and a strong commitment to advancing the field of immunology, making him a significant asset to the institution and the scientific community at large.

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