


## Curriculum Vitae

|  |   |                    |                            |   |
|--|---|--------------------|----------------------------|---|
| <b>Full Name</b>   | <b>Dr. UMRRAW SINGH NEGI</b>  |                    |                            |  |
| <b>Designation</b>   | Assistant Professor   |                    |                            |   |
| <b>Department</b>  | Mathematics   |                    |                            |   |
| <b>Campus</b>  | S.R.T. Campus Badshahi-Thaul,<br>Tehri Garhwal  |                    |                            |   |
| <b>Address</b>   | Department of Mathematics,<br>H.N.B. Garhwal University<br>S.R.T. Campus Badshahi-Thaul,<br>Tehri Garhwal-249199. |                    |                            |   |
| <b>Telephone</b>   | N/A   | Telefax            | 01376254079                |   |
| <b>Mobile</b>  | <b>09758037370</b>  |                    |                            |   |
| <b>Email</b>   | <a href="mailto:usnegi7@gmail.com">usnegi7@gmail.com</a>  |                    |                            |   |
| <b>Education Qualification</b>   | <u>Degree,</u>  | <u>University,</u> | <u>Year</u>                |   |
|  | Ph.D.   | H.N.B.Garhwal      | 1993                       |   |
|  | M.Sc.   | H.N.B.Garhwal      | 1990                       |   |
|  | B.Sc.   | H.N.B.Garhwal      | 1988                       |   |
| <b>Teaching Experience</b>   | <b>16 Years Ad-hock<br/>+ 13 Years regular</b>  |                    | <b>Research Experience</b> | <b>28 Years<br/>Approx.</b>   |
| <b>Research Interest and Fields of Specialization</b>  |   |                    |                            |   |
| <ol style="list-style-type: none"> <li>1. Differential Geometry of complex and almost complex spaces viz Hermite, Riemannian, Kaehler &amp; Tachibana spaces.</li> <li>2. The Differential Geometry of Finsler spaces.</li> <li>3. Artificial Intelligence and Neural Network.</li> </ol> <p><b><u>Field of Specialization:</u> Pure and Applied Differential Geometry</b> (Kaehlerian, Finsler Geometry, Golden Geometry, Geometric Modelling).</p> |   |                    |                            |   |
| <b>Honours &amp; Awards</b>  |   |                    |                            |   |
| Not Applicable   |   |                    |                            |   |
| <b>Member of Academic Institutions</b>   |   |                    |                            |   |
| <ol style="list-style-type: none"> <li>1. Indian Mathematical Society,</li> <li>2. The Tensor Society,</li> <li>3. International Journals of Operations Research an Optimization,</li> <li>4. International Journal of Mathematical Archive.</li> </ol>  |   |                    |                            |   |
| <b>Membership of Scientific Organization</b>   |   |                    |                            |   |
| <ol style="list-style-type: none"> <li>1. International Academy of Physical Sciences,</li> <li>2. International Journal of Physical Sciences, Ultra Scientist,</li> <li>3. Journal of Chemical, Biological and Physical Sciences,</li> <li>4. International Association of Engineers and Computers (IAENG).</li> </ol>   |   |                    |                            |   |

[Member Number: 154174]. <http://www.iaeng.org>

**Research Supervision (No of Ph.D. Degree Awarded) : '03'**

**Research Projects**

Not Applicable

**Administrative Experience**

- 1. Asst. Hostel Warden** of Boys in S.R.T. Campus B-Thaul from date 26.07.2016 to Till date. and **Asst. Proctor** date 17 July 2019 to Till date.
- 2. Member of Board of studies in Mathematics 2015**, H.N.B. Garhwal University, Srinagar (Garhwal), [Meeting attend to **8<sup>th</sup> time** on till date]
- 3. Member of Anti-raging squad** committees in Session 2015-16 S.R.T.Campus Badshahi- Thaul, Tehri Garhwal.
- 4. Programme officer of N.S.S** in S.R.T. Campus Badshahi-thaul, Tehri. (Apr, 2008 - Apr, 2010)
- 5. Senior Superintendent (HNBGU Exam 2009-2010)** in NWT Degree College, Ladpur, Dehradun.
- 6. Observer in B.Ed. entrances Exam 2008** by Uttarakhand Technical University Dehradun.
- 7. Observer in Uttarakhand Sanskrit University examination 2007-2008**
- 8. In charged Head in Department of mathematics**, S.R.T. Campus Badshahi thaul, Tehri. (Time to Time).
- 9. U.F.S. Member in H.N.B.G.U. Exam 2005, 2006, 2007, 2009, 2011.**

**Scientific Visits Abroad**

Not Applicable

**Conference/Symposium/Workshop Attended during last five years (2014-2019)**

**International:**

- 1. Attend and presented a paper** on entitled **"On Almost product and Almost Decomposition manifolds of second order"** in the 24<sup>th</sup> International conference of International Academy of Physical Sciences held at Chaudhary Charan Singh University, Meerut, during August (09-11), 2019.
- 2. Attend and presented a paper** on entitled **"Study on Almost product and Almost Decomposition manifolds of first order"** in the 23<sup>rd</sup> International conference of International Academy of Physical Sciences organized by **Nepal Academy of Science and Technology, Kathmandu, Nepal, during November**

**(16-18), 2018.**

**3. Attend and presented a paper** on entitled **“Mathematical modelling on Probabilistic environment Risk Assessment”** in the International conference on Climate change and Disaster Risk Reduction organized by Department of Geology, H N B Garhwal University, S R T Campus **Badshahi-Thaul, Tehri Garhwal, Uttarakhand** during **October (26-28), 2018.**

**4. Attended and Presented a Paper** on entitled **“Theorems on H-curvature tensors in Kaehlerian recurrent spaces”** in the **21<sup>st</sup> International conference of International Academy of Physical Sciences** organized by Department of Mathematics, Guru Jambheshwar University of Science & Technology, **HISAR (Haryana), India, Oct. (28-30), 2017.**

**5. Participated and Presented a paper** on entitled **“On a Finsler space with special Bi-recurrent curvature”** in the **International conference of IAPS** organized by the University of Rajasthan, **Jaipur** on **January16-18, 2015.**

**6. Attended and Presented a Talk** on entitled **“On Einstein-Kaehlerian conharmonic\* Recurrent spaces on First order”** in the **19<sup>th</sup> International conference** of International Academy of Physical Sciences organized by Department of Mathematics and Department of Computer Science, D.S.B. Campus, Kumaun University , **NAINITAL, Oct. (17-19), 2016.**

### **National:**

**1. Participated/presented a Talk** entitled **“Introduction of Aids problem”** in the workshop on AIDS Awareness at H.N.B. Garhwal University S.R.T. campus, Badshahi-Thaul, Tehri Garhwal (Uttarakhand) Organized by National Service Scheme (NSS) and Red Ribbon Club (RRC) on December 02, 2013.

**2. Participated/presented a Talk** entitled **“Safety and Awareness of Aids problem”** in the workshop on AIDS Awareness held on December 01, 2012 Organized by National Service Scheme (NSS) and Red Ribbon Club (RRC) at S.R.T. campus, H.N.B. Garhwal University ,Badshahi-Thaul, Tehri Garhwal (Uttarakhand).

**3. Presented a paper** entitled **“The Nature of Mathematics: Role and Influence”** in the National symposium on “Mind, Matter and Mathematics: A Dialogue”, jointly organized by the Departments of physics & Mathematics, H.N.B. Garhwal University Campus Badshahi Thaul & Govt. P.G. College New Tehri, Tehri Garhwal(U.K.) on dated 12-14 March, 2014.

4. Participated and Presented a paper on entitled: **“The Role of Mathematical Modelling in Development of India”** in the National Conference on “Sustainable Development of India: Challenges and Remedies (SDICR-2014) held on 22<sup>nd</sup>-23<sup>rd</sup> March, 2014. Organized by School of Commerce, H.N.B. Garhwal University Campus Badshahi Thaul, Tehri Garhwal, Uttarakhand.

5. Participated and Presented a paper on entitled: **“Mathematical Modelling on Geo-referencing of Probabilistic Risk of Chemicals rivers”**, in the National Seminar on Geo-Environmental Hazards and Neo-Tectonic Activities in Himalaya, Conducted by Department of Geology, H.N.B. Garhwal University, S.R.T. Campus Badshahi Thaul, Tehri Garhwal, Uttarakhand on dated (28-30) October 2014.

6. Attended and Presented a paper on entitled: **“Some Problems in an Almost Product and Almost Decomposable spaces”** in the National Conference on Recent Advances in Statistical and Mathematical Sciences and their applications, during October 04-06, 2014 held at Kumaun University, Nainital.

7. **Attended and Presented a paper** on entitled: “On hyperbolic almost Kaehlerian spaces admitting geodesic lines of semi-symmetric metric connection”, in the **81<sup>st</sup> Annual Conference** of The Indian Mathematical Society Organized by Department of Mathematics and Department of Computer Science & Engineering. **VNIT, NAGPUR, (27- 30) Dec., 2015.**

8. **Attend and Presented a paper** on entitled: “Mathematical models for Radiation effects on Human Health” in the **First National conference** on “Radiation Awareness and Detection in Natural Environment [RADNET-I]” organized by Department of Physics & Chemistry H.N.B.Garhwal University Badshahi-Thaul campus and Govt. P.G. College New Tehri, Tehri Garhwal, **UTTARAKHAND, during June (15-17), 2015 [Poster Presentaion].**

9. **Attend and Presented a paper** on entitled: “The Game theoretic models between Anti-corruption and corruption”, in the **National conference** on Prevention of corruption in India: Challenges Ahead [PCICA-2015] organized by School of Commerce, H.N.B.Garhwal University campus Badshahi-Thaul, Tehri Garhwal, **UTTARAKHAND during (16-17)Oct., 2015.**

10. **Attended and Presented a Talk** on entitled: “Geometric model of a complex Lagrangians Spaces” in the **19<sup>th</sup> Annual Conference** of Vijnana Parishad of India, organized by Department of Mathematics, H.N.B.Garhwal

University, B.G.R. Campus, Pauri (Garhwal),UTTARAKHAND, during **Nov.,(10-12), 2016.**

**11. Attend and Presented a Talk** on entitled: **“Theorems on Almost product and decomposable manifolds”**, in the **National conference on History of Mathematical Sciences (NCHMS)**, organized by Department of Mathematics, S.G.R.R. (P.G.) College, Dehradun, Uttarakhand and in association with Indian Society for History of Mathematics (ISHM) during **(05-07) Oct., 2017.**

**12. Attended the one day workshop** on **“Application of Remote Sensing and GIS in Water Resources Management in Uttarakhand”** organised by Uttarakhand Space Application Centre, Dehradun at HNBGU, SRT Campus, Badshahi-Thaul, Tehri Garhwal on **11<sup>th</sup> March, 2019.**

**U.G.C. Sponsored Orientation Programmed:** Participated in the 87th 4-week orientation programme by the UGC Academic Staff College, **Jamia Millia Islamia, New Delhi (19<sup>th</sup> February to 21<sup>st</sup> March 2009).** and **Obtained Grade ‘A’**

**U.G.C. Sponsored Refresher Course:** Participated in the RC - 238<sup>th</sup> 3-week **Refresher Course** by the UGC Academic Staff College, **Himachal Pradesh University, Shimla (18-7-2011 to 06-8- 2011).** and **Obtained Grade ‘A’**

**U.G.C. Sponsored Refresher Course:** Participated in the **3-Week Refresher Course** in the subject **“Statistics, Mathematics, Computer Science and I.T. (M.D.)”** From **25.09.2014 to 15.10.2014** and **Obtained Grade ‘A’** by the UGC Academic Staff College, **Kumaun University, Nainital.**

**UGC-sponsored Short Term Course:** Participated in the UGC - sponsored **Short Term Course** in **“Yoga and Inclusive Health”** held in UGC, HRDC, Kumaun University, Nainital, Uttarakhand during **04.10.2016 to 10.10.2016.**

**PMMMNTT Scheme of MHRD sponsored Short Term Course:** Participated in the MHRD - sponsored **Short Term Course** in **“Research Methodology for Sciences and Social Sciences”** Organised by Faculty Development Centre, HNB, Garhwal University, during **July 25-31, 2019** under the PMMMNTTscheme of MHRD, Govt. Of India.

**Conference/Symposium/Workshop Organized during last five years (2012-2017)**

Not Applicable

**Best Peer-Reviewed/UGC Journal Publications 2014 onwards (up to 05)**

**Journals:**

Full length International/National Research paper Published – **52(Fifty Two)**.

**Research paper Published (National / International Journal):**

1. **U.S. Negi**, Some problems concerning Pseudo-analytic vectors on Pseudo-Kaehlerian Manifolds. *AARJMD, VOL. 1, ISSUE 17, pp. 106-113 (JAN, 2014)*,  
**ISSN: 2319 – 2801.**
2. **U.S. Negi** , An Admitting H-Projective Vector Field in Kaehlerian Spaces with Constant Scalar Curvature, *Journal of Chemical, Biological and Physical Sciences, (Aug. 2014 – Oct. 2014), Vol. 4, No. 4; pp.3628-3635.*  
**E- ISSN: 2249 –1929.**
3. **U.S. Negi**, On A Finsler Space with Special Bi-Recurrent Curvature, *JCBPS; Section C; August 2015–October 2015, Vol. 5, No. 4; pp.4440-4445.*  
**E- ISSN: 2249 –1929.**
4. **U.S. Negi**, On the Topology of Almost Kaehlerian Manifolds, *Ultra Scientist, Vol. 28(1)A, 43-46 (2016).*  
**ISSN 2231-34[6X]78(Print)ISSN:2319-8044 (Online).**
5. **U.S. Negi**, Certain Problems in an Almost Product and Almost Decomposable Manifold, *Global Journal of Computational Science and Mathematics(GJCSM).Volume 6,Number1(2016), pp.13-18,*  
**ISSN:2248-9908.**
6. **U.S. Negi**, On Decomposition of Neo-Curvature Tensor Field in Finsler Recurrent Spaces, *Elixir Appl. Math. 96 (July, 2016), pp. 41499-41502,*  
**ISSN 2229-712X.**
7. **Negi.U.S.**, The Study of Structure and Operators on Almost Kaehlerian Spaces, *Global Journal of Theoretical and Applied Mathematics Sciences (GJTAM), Volume 6, Number 2 (2016), pp. 129-142. ISSN 2248-9916.*
8. **U.S.Negi** , Union and Special curves on a Kaehlerian hyper-surface, *Aryabhatta Journal of Mathematics & Informatics Vol. 9, No. 1, pp.01-04, Jan-June., 2017, Scientific Journal Impact Factor SJIF (2016): 5.856,*  
**ISSN (Print): 0975-7139, ISSN (Online): 2394-9309.**

**UGC JOURNAL NO.: 8661**

9. **U.S.Negi**, Theorems on Almost product and decomposable spaces, *Aryabhatta Journal of Mathematics & Informatics Vol. 9, No. 1, pp. 105-110, Jan-June., 2017, Scientific Journal Impact Factor SJIF (2016) : 5.856, ISSN*

**(Print): 0975-7139, ISSN (Online): 2394-9309.**

**[UGC JOURNAL NO.: 8661]**

10. U.S.Negi, On Kaehlerian conharmonic\* bi-recurrent spaces, *Jnanabha*, Vol. 47(II), 2017, pp. 229-234. **ISSN 0304-9892 (Print), ISSN 2455-7463 (Online), (University Grants Commission Approved Journal No. 26013),**

11. U.S. Negi, Hyper-asymptotic curves on a Kaehlerian hyper-surface, *Aryabhatta Journal of Mathematics & Informatics* Vol. 10, No. 1, pp.159-162, Jan-June., 2018, Scientific Journal Impact Factor SJIF (2016): 5.856, **ISSN (Print): 0975-7139, ISSN (Online): 2394-9309.**

**[UGC JOURNAL NO.: 8661]**

12. U.S. Negi, Geometrical interpretation of an analytic HP-transformations in almost Kaehlerian spaces, *International Journal of Mathematical Archive-9(1)*, 2018, pp. 18-22, **ISSN: 2229 – 5046.**

**[UGC JOURNAL NO.: 47756]**

13. Negi, U.S., STUDY OF OPERATORS ON ALMOST KAEHLERIAN SPACES, *International Journal of Advance and Innovative Research*, Volume 5, Issue 3 ( III ) : July – September 2018, pp. 7- 12, ISSN: 2394-7780. (UGC JOURNAL LIST NO.: 63571).

14. Negi, U.S. and Bisht Manoj Singh, Study of Weather Analysis Via Geometric Modeling, *International Journal of Scientific Research and Reviews, IJSRR (Oct.-Dec.)2018, 7(4), pp. 1536-1546, ISSN: 2279–0543. (UGC JOURNAL LIST NO.: 63179). Impact factor: 1.563.*

**Refereed Journal article / Chapter Published (National/International Journal): Published article / Chapter / Thesis Chapter - 01(One)**

[1] U.S.Negi, Some Recurrence Properties in Kaehlerian, Einstein-Kaehlerian and Tachibana Spaces, *International Journal of Research in Engineering, IT and Social Sciences*, Impact Factor: 6.452, Volume 6 Issue 02, (February 2016), pp. 25-50, **ISSN: 2250-0558.**

Proceedings

Not Applicable

Books

Not Applicable

Total Number of Research Publications **'52'.**

**EXTRACURRICULAR ACTIVITIE:**

1. NCC "C" Certificate Passed,

2. Participation in the 14<sup>th</sup> All India Schools General Knowledge competition

“Seniors” held on Monday 24<sup>th</sup> September 1984. By **Indian Council for International Amity, Jaipur.**

**3.** Participation in the 12<sup>th</sup> All India Schools General Knowledge Competition

“Juniors “ held on Thursday 16<sup>th</sup> September 1982 by **Indian Council for International Amity, Jaipur.**

**4.** Faculty Development Programme in Entrepreneurship held Dehradun from 09-01-07 to 19-01- 07. Awards by **Indian Institute of Entrepreneurship.**

**5.** State level “KHO-KHO” Game Certificate.

**6.** Inter-Mhavidhyalya “CRICKET” Certificate.

**7.** Participated in Annual Sports on S.R.T. campus Badshahi Thaul, Session 2012-2013,14-15,15-16.

**8. Visits** (of last five years): Jamia Millia Islamia University New Delhi, R.D. Jabalpur University, Pune University, Roorkee University, Gorukul Kangri University Hardwar, Uttarakhand Technical University Dehradun, Uttarakhand Sanskrit University Hardwar & Doon University Dehradun, and D.D.U. Gorakhpur University, CCS University, Meerut.

**Dated: 22.08.2019**

**Place: SRTC Badshahi Thaul (T.G.)**

**DR. (U.S.NEGI)**