

## Profile



### **Dr. Shiv Singh Rathore**

**M.Sc. (Gold Medalist), Ph.D., D.Sc.**

**Adjunct Prof. of Practice, IIT, Jodhpur  
Ex-Chairman (o) & Member,  
Rajasthan Public Service Commission,  
Ajmer, Rajasthan**

**DOB : 10<sup>th</sup> Feb., 1972**

***If innovation is a mindset, it has to be cultivated with a systematic educational approach. This is quite evident with the way Dr. Shiv Singh Rathore has built up to his current position of expertise.***

### **Dr. Shiv Singh Rathore - Qualifications**

Dr. Shiv Singh Rathore completed his M.Sc. in Geology from Jai Narain Vyas University, Jodhpur. First in his class and a **Gold Medalist in M.Sc.**

He then moved on to his Research work. Not one to shy away from substantial subjects, his research was based on “**Hydro Geotourism and the burning problem of rising ground water level of Jodhpur city, Rajasthan, India**”. His scholarly performance and outstanding approach towards his research subject, earned him a **Ph.D. degree** from Jai Narain Vyas University, Jodhpur.

**Recently, Dr. Rathore has been awarded Post Doctoral (D.Sc.) by Hon'ble Governor of Rajasthan on International Important Issues of Geoheritage, Geopark and Hydrogeotourism and its scope in India. His Post Doctoral (D.Sc.) is the first and the only D.Sc. in Rajasthan in the Department of Geology.**

**His Erudite Research Work has been awarded Marwar Ratan.** Not only this his concept of Hydrogeotourism and Geopark was **honoured by District Administration, Govt. of Rajasthan** with Appreciation Certificate on Independence Day. His research and hydrogeotourism concept was **also honoured with Gold Medal** on Veer Durgadas Jayanti.

### **Dr. Shiv Singh Rathore – Research Work**

Dr. Singh has made a thorough study of natural and traditional water bodies of Rajasthan. He initiated for the very first time - the classification of Jodhpur's water bodies based on their origin, size, and characteristics amongst other discernible traits. He is credited with the very coinage of the term **hydrogeotourism in the world.**

Dr. Singh has studied various geotourism sites, geomorphites, geosites, and geoparks on an international level and concurrent with the modified Knapic et al., 2009, USA scale, Brilla. He found that water bodies of Rajasthan are the most suitable as hydrogeotourism and as potential UNESCO World Heritage Sites and UNESCO's Global Geopark.

***“Hydrogeotourism refers to tourism that sustains or enhances the geological and geographical character of the water impounding place or structures being visited, including its scientific educational value, environment, culture, aesthetics, heritage and well-being of its residents. Hydrogeotourists are conscious of the environment and inclined to seek culture and unique experiences when they travel to water impounding places or structures of any area.”***

This is a new segment in tourism. As such, it has a vast and untapped potential to be promoted as an extended subcategory of educational or ecotourism or destination events or royal wedding and social gathering tourism. This endeavour can directly help in :-

- UNESCO's tag as world heritage hydrogeosites will boost tourism in India
- Restoration of the world famous ancient water bodies and heritage of India
- Most importantly, it can help to save water from contamination. The pollution level in most of these water bodies is extremely high and steadily rising. The hydrogeotourism approach will make the society more conscious towards these water bodies. Hence, it will be directly responsible for the potential increase of safe drinking water for our societies.
- In his post doctoral work he has studied the water bodies of Rajasthan and potential world heritage sites of Rajasthan.
- Scope of UNESCO's Global Geopark in India.

#### **Dr. Shiv Singh Rathore – Research Achievement (Doctoral and Post-Doctoral)**

1. To solve the burning problem pertaining to critical ground water rising level and its adverse effects on the people and property of the Jodhpur city.
2. Documentation and classification of water impounding structures of the important cities of Rajasthan and their implication to hydrogeotourism and UNESCO's world geoheritage sites.
3. Reporting of heavy metals from surface and ground water of the Jodhpur city and their health hazards.
4. Will help in post covid tourism in India.
5. Will help in restoration of water culture and world famous heritage including water bodies of India.
6. Will help in declaring first UNESCO's Global Geopark in India.

## Dr. Shiv Singh Rathore – Research Award

1. Marwar Ratan for the year 2015 was given to Dr Shiv Singh's outstanding research work.
2. Dr. Rathore's Ph.D. and his concept of Hydrogeotourism was honoured by District Administration, Govt. of Rajasthan with Appreciation Certificate on Independence Day.
3. Dr. Rathore's research and hydrogeotourism concept was also honoured with Gold Medal on Veer Durgadas Jayanti.
4. Dr. Rathore's research work on rich royal heritage & water impounding structures was also honoured by "Kaivay Appreciation Certificate".
5. Award of honour by Tamil Cultural Research Center (TCRC), Regd. Kerala.

## Dr. Shiv Singh Rathore – List of Publications

1. **Rathore, S. S.**, Mathur Saurabh & Mathur S. C. (2024). Step wells of Jodhpur, Western Rajasthan, India: Implication for hydro-geosites and Hydro-geotourism. *Geoheritage* (Accepted; in press)
2. **Rathore S.S.**, Mathur S.C. 2014. Symposium on Jodhpur – The Gateway of The Thar Desert : Opportunities and Challenges, 84<sup>th</sup> Annual Session of The National Academy of Science (NASI), JNV University, Jodhpur (4 to 6 Dec., 2014).
3. **Rathore, S.S.**, Mathur, S., Kanga, S. and Mathur, S.C., 2021b. Ajmer, Rajasthan - A potential national geopark of India. *INTACH*, volume on potential Geopark of India, pp. 211-231.
4. **Singh, S.**, 2013. *Geological investigation of natural and traditional water structures and their relationship with rising ground water problem of the Jodhpur city, Western Rajasthan. India. J.NV. University, P. 120, (Unpublished Ph.D. thesis).*
5. **Singh, S.**, 2022. Investigation of hydrogeological aspects of important ancient natural and traditional water impounding structures of the Rajasthan, India : Implication for hydrogeotourism and as potential world heritage sites, (Unpublished D.Sc thesis).
6. **Rathore S.S.**, Mathur, S. and Mathur, S.C., **2016**. Hydrogeological investigation of natural water impounding structures of the Jodhpur city, western Rajasthan, India Implication for hydro-geotourism sites. Proceeding volume of Workshop of Ministry of water resources on ground water sustainability in paleo-channels, CGWB publication, Jodhpur. pp.74-94.
7. **Rathore, S.S.**, Mathur, S.C. 2014. Journey of the Jodhpur city through water bodies and heritage, 84<sup>th</sup> Annual Session of The National Academy of Science (NASI), JNV University, Jodhpur (4 to 6 Dec., 2014), pp. 36-51.

8. Sharma P., **Rathore, S.S.**, Rai V., Rathore, P.S. and Mathur, S.C., 2014. Assessment of geoenvironment on water quality: A case study of Jodhpur city, Western Rajasthan, India. In Shrivastava K.L. and Arun Kumar (Eds.). Georesources. Indian Science congress volume. Scient. Pub.Jodhpur. pp. 287- 295.
9. Mathur, S., **Rathore, S.S.** and Mathur, S. C., 2021a. Jodhpur, Rajasthan - a Potential Geopark of India: One of the World's largest Terrestrial Acidic Volcanism and SignificantEdiacaran Period Site with Natural geoheritage as well as Historical - Cultural HeritageAttributes.INTACHvolumeon potential Geoparkof India; pp. 242-263.
10. Mathur S.C.; Pradip K., **Shiv Singh Rathore** and Saurabh Mathur, Mehrangarh Ridge of Jodhpur city, Western Rajasthan, India: its Geoheritage and Geotourism sites. P.141-164. **2017 International Geopark Conference In Taiwan.**
11. Sudhanshu, Singh, S.K., **Rathore, S.S.**, Mathur, S. and Mathur, S.C., 2021c, Jaipur, Rajasthan - A potential geopark of India. INTACH, volume on potential Geopark of India, pp. 129-148.
12. Mathur S.C.; Pradip K.; Saurabh mathur and **Shiv Singh Rathore**, The Georesources of Mehrangarh Ridge of Jodhpur City, Western Rajasthan, India: Implication for potential Global Geopark Site. **Springer Publisher**
13. Mathur, S.C.; **Rathore, S.S** and Rathore, P.S. Water Impounding structures of the Jodhpur city: A hydrogeotourism implication. **International Journal of tourism and Geosites**, Uni. Oredea, **Romania** (In press).
14. Mathur, S.C.; **Rathore, S.S.** and Rathore,P.S. Rising ground water problem of the Jodhpur city: causes and Remedies. **International Journal of tourism and Geosites**, Uni. Oredea, **Romania** ( In press).
15. Mathur, S.C. Moharana, P.C., Wadhawan, S.K., **Rathore S.S.**, Parihar V.S. and Nama, S.L., 2020. 36<sup>th</sup> International Geological Congress, Delhi (NCR): Excursion Field Guide Book on Thar Desert : Its Evolution and Geoheritage, Western Rajasthan, India, 87.
16. Mathur, S.C, Ram, B., Rathore, P.S., and **Rathore, S.S.**, 2014. A new insight in the Geology of the Jodhpur Group of the Marwar Supergroup, Western Rajasthan, India. In Shrivastava K.L. and Arun Kumar (Eds.). Georesources. Indian Science congress volume. P.215- 218. Scient. Pub. Jodhpur.
17. Mathur, S., Sudhanshu, Kanga, S., Singh, S.K., Khichi, C.P., Mathur, S. C., Nathawat, M.S. and **Rathore, S.S.**, 2022. Landslide in rocks of Jodhpur group at Masuria hill in Jodhpur, western Rajasthan, India: its causes and threat to significant geoheritage ANNALS, NAGI, vol. 42 (1), pp. 1–15.

18. Mathur, S., Sharma, S., Singh, S.K., Thakkar, M.G., Chouhan, G., **Rathore S.S.**, Mathur, S.C., 2023. Assessment and Threat to Significant Geoheritage of Soorsagar Formation of Jodhpur Group of Marwar Supergroup, Western Rajasthan, India : A Geological and Remote Sensing Approach, Geoheritage.
19. Mathur Saurabh, Sharma Sudhanshu, Singh S.K., **Rathore S.S.** & Mathur S. C. (2023a). Late Cretaceous–Early Paleocene Geodiversity of Fatehgarh Formation of Petroliferous Barmer Basin, Western Rajasthan, India: A Potential Geopark Site. Geoheritage, 15:54, pp. 1-18.

### **Dr. Shiv Singh Rathore - Family Background**

Dr. Shiv Singh Rathore hails from an army family. **His father Shri Bishan Singh Rathore** was a defence professional and served many years in the country's armed forces. Dr. Rathore himself is very much a self-made man who has shaped his own destiny with years of hard work and research. Undeniably, he is a distinct example of how a systematic educational approach can elevate a person's position to soaring heights without the necessity of any springboard of familial assets in the background.

### **Dr. Shiv Singh Rathore - Credentials**

Dr. Singh has a very rich experience of assessing the suitable youth on 360 degree for the beuraucracy to run the government as he was the Chairman (O) and Member for 6 years in RPSC. He has a considerable experience regarding the working of multinational companies. He was nominated as a trustee in the esteemed Urban Improvement Trust of Jodhpur. He has worked and helped to make Jodhpur, clean and green. He has also contributed in the development of the infrastructure of the city. He has remained the secretary in BJS Educational Society formerly known as Zabar Junior Military School. He was the former director of Jodhpur Sahkari Upbhokta Wholesale Bhandar Ltd. He encourages the young talents of the society and provide them with legitimate opportunities to utilize their skills.

### **Dr. Shiv Singh Rathore – Social Work and Patronage**

Dr. Singh is heavily in to social work, through the Social Societies, he has been tireless in his work for the improvement of the quality of our education system through Bhartiya Shikshan Mandal. He is **Prant Sanyojak of Bhartiya Shikshan Mandal, Jodhpur**. He is the Vice President of Jan Arpan Sansthan, since its inception. The sansthan has been working for the advancement of the poor and the disabled. He has been awarded Lok Shree Seva Award by Mad Sansthan on Jodhpur Establishment Day for his social work.

### **Dr. Shiv Singh Rathore - Contribution to RPSC**

Dr. Shiv Singh Rathore has immersed himself in the herculean task of conducting Examination of Civil Servants, Engineers, Doctors, Teachers, Lecturers, Accountants, etc. all deciding or executing the quality, pace, integrity and direction of governance.

To his credit goes the supervision of bulk of 211 papers, their scrutiny, modification and ensuring of their transparency and clarity. To his excellence goes down the fact this mammoth size and heterogeneous 211 papers have faced minimum litigations, which could have been ample in a fair democratic set-up, which otherwise is always promoted by him.

Not only his innovation and constant labour goes into improvement of the question papers but also his energy is burnt as to make them balanced, meaningful, just and lucid clear.

His contribution into the successful supervision of introduction of OSM (On Screen Marking) for RAS 2013 (Mains), has earned him professional laurels and public faith.

Introduced One Time Registration (OTR) for the first time in RPSC to avoid litigation and speed-up the recruitment process.

A prompt person, on his heels always, he has contributed to the electric fast results, saving the time, mental peace and focus of the candidates.

Nonetheless is his contribution into fair and prompt DPC's and solving of problems and confusions leading to the equivalent degrees.

<b>Honb'le Governor and Chancellor's Nominee</b>	
1	2023 to till date : Honb'le Governor and Chancellor's Nominee in Rabindranath Tagore University, Hojai, Assam

### **CONFERENCES AND ACTIVITIES**

<b>S.No.</b>	<b>Conferences and Activities</b>
1	Brain storming Session/Workshop through DIPR & UPSC held at New Delhi on 23 <sup>rd</sup> & 24 <sup>th</sup> Feb, 2016.
2	19 <sup>th</sup> National Conference of Chairpersons of State Public Service Commissions at Dhordo, Rann of Kutch on 18 <sup>th</sup> & 19 Feb, 2017.
3	Hosted standing committee meeting of chairperson of State Public Service Commission of India. 7 <sup>th</sup> & 8 <sup>th</sup> Jan, 2022
4	Celebrated Raising day of RPSC for the first time since its inception.
5	Published Spandan Magazine about the working of RPSC.

6	Rewrite the manual of RPSC in English after 20 years and first time in Hindi.
7	Introduced grievance portal for candidates
8	Visited different State PSCs to learn their working
9	Prepared a documentary on the working of RPSC for more transparency and to understand the working of RPSC.
10	Presented a PPT on the working of RPSC at Hon'ble Chief Minister's Office

### Key Note Speaker – Conferences

1.	World Water Conclave 2022 at Janardhan Ram Nagar, Rajasthan Vidhyapeeth, Udaipur
2.	International Conference on Emerging Trends in Plant and Environment Science, Rajasthan University, Jaipur
3.	International Conference on Marwar Super Group, Society of Earth Scientist and JNVU, Jodhpur - 2014
4.	International Conference on Various Innovations in IT at Jaipur
5.	National Academy of Sciences, India (NASI) at JNVU, Jodhpur - 2014
6.	National Conference on Rare Earth Minerals at JNVU, Jodhpur
7.	UGC Refresher Course and Seminar on Social Responsibilities at IIT, Jodhpur
8.	Conference on partition 1947 by Indira Gandhi Rashtriya Kala Kendra, New Delhi at Central University, Ajmer - 2022
9.	National Conference on National Poet Subramaniam Bharti by ICSSR, New Delhi at Central University, Ajmer
10.	National Seminar on Value Based Education at LDPS Kanya Mahavidhyalaya, Vidya Vadi
11.	Conference on International Geodiversity Day and MGR Geopark by INTACH, and MMT, Jodhpur
12.	Seminar on The Role of Teacher in NEP, BSM Jodhpur
13.	Yuva Utsav, Nehru Yuva Kendra, DAV, Ajmer
14.	National Conference on History, Art & Culture by ABS Parishad and DAV, Ajmer
15.	Intellectual Conclave of Schools at Ajmer by Brainy Wood and 94.3 My FM
16.	National Conference on the Warrior Prithviraj Chouhan and Indian Culture at MDS University, Ajmer
17.	UGC Refresher Course on Climate Action and Disaster Management by UGC and JNV University, Jodhpur

18.	National Conference on Kachh Paleo – Rift Basin : An Ideal Technotics and Sedimentary Package for Indian Geoheritage, KSKV University Bhuj
19.	National Geoheritage Conference and Field workshop to Promote Geotourism in Rajasthan By Department of Tourism, Govt. of Rajasthan, The Society of Earth Science, Birbal Sahni Institute of Paleo Sciences, Lucknow
20.	National Conference on Water : Social Dimension and Gender, SP College, Sirohi
21.	Concovation Programme at Mahalaxmi Shiskhan Sansthan, Jodhpur
22.	Conference on World Water Day by Central Ground Water Department, Govt. of India, and JNV University, Jodhpur
23.	Sambish Sports Conclave at Ajmer
24.	Tradition of water conservation and promotion with special reference to Luni River. Mehrangarh Fort, Jodhpur.

### EDITORIAL ARTICLES in Leading News paper

1-	i;ZVu dk u;k vk;ke ^Hkw&fojklr^
2-	iquthZfor djuh gksxh Hkkjrh; ty laLd`fr
3-	vknZz Hkwfe laj{k.k gS dbZ leL;kvksa dk gy
4-	rkfd HkrhZ izfØ;k esa cuk jgs ;qok izfrHkkvkksa dk fo'okl
5-	pfjrkFkZ djuk gksxk ^lkfo k;k foeqDr;s^
6-	csrjrhc fuekZ.k curs gSa rckgh dk dkj.k
7	;wusLdks Xykscy ftvksikdZ cukus ij fn;k tk, /;ku
8	izd`fr ls ftruk ys jgs mruk ykSVkus dh izo`fÙk tkxk,a
9	rduhd dk lkFk ysdj ns'k dks cuk,a vkfFkZd 'kfDr
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11	HkwdEi ds >Vdksa ds lkFk rst vkoktksa dh otg ih&osOl
12	vUrjkZ"Vªh; Hkw&fofo/krk fnol & izd`fr ls ftruk ysa mlls T;knk ykSVk,i
13	lgh oDr ij ekxZn'kZu ls gh feyrh gS cqyafn;kj Nwus dh jkg



**RESPONSIBILITIES/POST HELD IN RAJASTHAN PUBLIC SERVICE  
COMMISSION, AJMER**

COMMISSIONER, JODHPUR		
S.No.	VARIOUS COMMITTEE	POST HELD
1	EQUIVALENCE COMMITTEE	CHAIRMAN
2	GRIEVANCE COMMITTEE	
3	PRE-LITIGATION COMMITTEE	
S.No.	VARIOUS UNIVERSITIES	POST HELD
3	JAI NARAIN VYAS UNIVERSITY, JODHPUR	TO CHAIR THE MEETINGS FOR SELECTION OF PANEL OF EXPERTS/TEACHERS IN THE MENTIONED UNIVERSITIES
4	MDS UNIVERSITY, AJMER	
5	RAJ RISHI BHARTIHARI MATSYA UNIVERSITY, ALWAR	
6	AYURVEDA UNIVERSITY, JODHPUR	
S.No.	VARIOUS DPC MEETINGS	POST HELD
7	RAJ. POLICE DEPARTMENT	TO CHAIR THE DEPARTMENTAL PROMOTION COMMITTEE MEETINGS
8	FORENSIC DEPARTMENT	
9	LEGAL DEPARTMENT	
10	PUBLIC HEALTH & ENGINEERING DEPARTMENT	
11	FOREST DEPARTMENT	
12	GROUND WATER DEPARTMENT	
13	ENERGY DEPARTMENT	
14	TOURISM DEPARTMENT	
15	LOCAL SELF GOVERNMENT DEPARTMENT	
S.No.	VARIOUS SECTIONS	POST HELD
16	RESEARCH SECTION- WORK RELATED TO COMPILATION OF STATISTICAL DATA, ANALYTICAL STUDIES OF VARIOUS EXAMINATIONS & SELECTIONS	MEMBER INCHARGE
17	SEMINARS & WORKSHOPS	
18	LIBRARY	
19	ANNUAL REPORTS	
20	REVISION OF APPLICATION FORMS & OTHER PROFORMAS CONNECTED WITH THE SELECTION PROCESS	
21	PRE LITIGATION COMMITTEE	

#### **Dr. Shiv Singh Rathore – Posts Held**

- **2006-2008:** Dr. Shiv Singh Rathore was nominated by the Government of Rajasthan as the trustee in Urban Improvement Trust, Jodhpur.
- **2006-2009:** Dr. Shiv Singh Rathore was elected as the secretary B.J.S. Educational society, Jodhpur.
- **2008-2013:** Dr. Shiv Singh Rathore was elected as the Director of the Jodhpur Sahakari Upbhokta Wholesale Bhandar Ltd.
- **2016-2022:** Dr. Shiv Singh Rathore has worked on the post of Honourable Member Rajasthan Public Service Commission, Ajmer.
- **2021-2022:** Dr. Shiv Singh Rathore has worked as Hon'ble Chairman, Rajasthan Public Service Commission, Ajmer.
- **2022 to 2024 :** Prant Sanyojak Bhartiya Shikshan Mandal, Jodhpur.
- **2024 :** Kshetriya Sanyojak Bhartiya Shikshan Mandal, Rajasthan.
- **2022 to till date :** Chairman, Sri Hanwant Educational Society, Jodhpur.
- **2023 to till date :** Honb'le Governor and Chancellor's Nominee in Rabindranath Tagore University, Hojai, Assam
- **2023 to till date :** Advisor, Regional Coordination Committee of North-western Regional Center of the National Institute of Hydrology (NIH), Roorkee
- **2024 :** UGC Nominee for AAC in MMTTC, Maharshi Dayanand University, Rohtak
- **2024 :** Chairman Search Committee Rabindranath Tagore University, Hojai, Assam

#### **Dr. Shiv Singh Rathore – Contacts**

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