

Curriculum Vitae

Dr Subhash Prasad Singh

Department of Chemistry

A N College (Magadh University)

Patna, Bihar, India

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Contact Information

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Personal Information

Father's Name : Late Jwala Prasad Singh
Date of Birth : 4th January 1961
Place of Birth : Bhagalpur, Bihar, India
Citizenship : Indian
Gender : Male
Blood Group : A+
Indian Passport No : B0688950 validity till 16/09/2019; Place of issue- Patna

Optional Personal Information

Marital Status : Married
Spouse's Name : Bandana Singh
Children : Two

Education

Academic Qualifications

Sl No	Examination	Board / University	Year of passing
1	Matriculation	- B S S E B Patna	- 1976
2	I Sc	- Bhagalpur University, Bhagalpur	- 1978
3	B Sc (Chem Hons)	- Bhagalpur University, Bhagalpur	- 1981
4	M Sc (Chemistry)	- Bhagalpur University, Bhagalpur	- 1983
5	Ph D (Chemistry)*	- Magadh University, Bodh Gaya	- 1992
*Topic of Research: (Physico-Organic) Kinetic study of solvent effect on reaction rates of hydrolysis of some aliphatic acid esters.			

Professional Qualifications

Certifications and Accreditations

1. Diploma in Teaching & Educational Management
2. Post Graduate Diploma in Personal Management

Computer Skills and Competences - Well versed in MS-Word, Excel, Power point and MS-access

Employment History

List in chronological order, include position details and dates

Work History :

Teaching Experiences

1. As a Lecturer of Chemistry for 17 years & 4 months in Royal Government of Bhutan from 9th April 1986 to 25th July 2003.
2. As a Lecturer of Chemistry at Narayan Mahavidyalaya, Goreakothi (J P University, Chapra) from 1st August 2003 to 16th October 2008.
3. Assistant Professor, Dept. of Chemistry, A N College, Patna (Magadh University, Bodh Gaya) from 17th October 2008 to 31st June 2012.
4. Associate Professor, Dept. of Chemistry, A N College, Patna (Magadh University, Bodh Gaya) from 1st July 2012 onwards.

Academic Positions: i. Teaching Chemistry from Undergraduate to Postgraduate students

ii. Research Work

Research

RESEARCH SCHOLAR UNDER MY SUPERVISION - 1

1. Topic – “Water quality analysis of ponds and wells at some important socio-religious places in and around the city of Patna, Bihar.”

PhD AWARDED UNDER SUPERVISION

PhD awarded to Dr Ashok Kumar Agrawal under my supervision in the faculty of Science on the topic “Study of medium effect on Reaction rates of Ion- Dipole type of reactions.” in the month of August 2013.

RESEARCH PROJECT

1. Research Project titled “**Quality Assessment of Drinking Water in Urban Area of Siwan**” sponsored by UGC vide sanction letter no PSB-08/06-07 (ERO) dated 15th July 2006 **completed** successfully.
2. Project on “Career Guidance cum Counselling for Adolescents” sponsored by Ministry of Youth Affairs and Sports, Govt of India for two years from 2010-'11 to 2012-'13 is continued.

3. Major Project

NUP Project – 2015 -17 – Sanctioned on BRNS Board Meeting held on May 22, 2015 - 3rd Phase titled ‘Spatial distribution of uranium and associated water quality parameters in groundwater / drinking water of six districts (Bhagalpur, Banka, Jamui, Sheikhpura, Lakhisarai, and Munger) of Bihar’ for two years amounting to 24.46 lakhs

ORIENTATION / REFRESHER / TRAINING PROGRAMME

1. Attended **Orientation Course** at Academic Staff College, Muzaffarpur from 24th November to 21st December 2004 sponsored by UGC.
2. Attended **Training Programme** on Production of Medicinal and Aromatic Plants at Allahabad organized by Central Institute of Medicinal and Aromatic Plants, Lucknow sponsored by IDBI from 25th to 28th November 2005.
3. Attended **Orientation course** at Training Orientation and Research Centre, Ram Krishna Mission Lok Siksha Parishad, Narendrapur, Kolkata, West Bengal sponsored by Ministry of Youth Affairs and Sports, Govt of India from 5th to 14th September 2006.
4. Represented J P University in Youth Seminar organized by Govt of India at Rajiv Gandhi National Institute of Youth Development, Sriperumbudur, Chennai, to attend **Training programme for Trainers** on Youth Leadership & Personality Development from 24th to 26th March 2008 sponsored by the Ministry of Youth Affairs & Sports, Govt of India.
5. Attended AICTE sponsored one week short term **training programme** on “Anaerobic Digestion of Waste water by Chemical Engineering Department, SVNIT, Surat during 22nd to 26th Feb 2010.
6. Attended **Refresher Course** sponsored by UGC through Academic Staff College at Department of Chemistry, University of Pune during 14.12.2010 to 03.01.2011.

7. Attended and successfully completed 'Sakshak – IT Champion' **Training Program** organized by Microsoft during 27th -06th July 2011
8. Attended Regional Level Resource Persons **Training Programme** on "Disaster Preparedness" for NSS Programme Officers organized by Supratibha at Bhubaneswar catalyzed and supported by dept. of Science and Technology, Govt. of India during December 01-06, 2011.
9. Attended Workshop on 'Micro scale techniques in Experimental Chemistry' organized by the Dept of Chemistry, A N College, Patna during December 16-17, 2011.
10. Attended Resource Generation Camp at HBCSE, TIFR, Mumbai during September 24-27, 2014.

SEMINARS/CONFERENCES/ WORK-SHOP DURING 2007-2014 ATTENDED

1. UGC Sponsored State Seminar on Society & Religion in Indian History from 14th to 15th September, 2007 organized by Dept of History, Narayan Mahavidyalaya, Goreakothi (J P University, Chapra).
2. UGC Sponsored National Seminar on Eco-friendly Approaches in "Water Management and Treatment of Waste Water" from 12th to 13th December, 2007 organised by Dept of Chemistry, H D Jain College, Ara (V K S University, Ara)
3. UGC & Dept of Science and Technology, Govt of India Sponsored National Seminar on "Water Management" from 19th to 20th January, 2008 organised by GDM College, Harnaut, Nalanda, Bihar (M University, Bodh Gaya).
4. UGC Sponsored National Conference on "Relevance and Dimensions of Nanoscience Science and Nanotechnology for the development of Bihar" from 19th to 21st April, 2008 organised by B S College, Danapur (M University, Bodh Gaya).
5. UGC Sponsored National Seminar on "Plastic Waste – A Hazard to Environment, A Boon for Road Strength" on 23rd May 2008 organised by P G Dept of Chemistry, College of Commerce, Patna (M University, Bodh Gaya).
6. Global Symposium on "Contemporary Science and Technology" organized by Scientific Foresight at S K Memorial Hall, Patna, Bihar from 20th to 22nd December 2008.
7. Work shop on "Substance Depleting the Ozone layers" by National Academy of Custom, Excise and Narcotics, Patna on 29th and 30th December 2008.
8. Regional work shop on Geogenic contamination of Ground water by Central Ground Water Board, Mid Eastern Region, Patna, Ministry of Water Resources, Government of India on 21st and 22nd March 2009.
9. Work-shop on "Confronting Climate Change-Towards Carbon Neutral Indian Cities from 29th October to 30th October 2009 organized by CMS Vatavaran, New Delhi.
- 10. International Congress of Chemistry and Environment at Ubonratchathani, Thailand during 21-23rd January 2010.**
11. UGC sponsored National Symposium on Contributions and Relevance of Subrahmanyam Chandrashekhara and Dorothy Hodgkin on 19th November 2010 organized by Jagdam College, J P University, Chapra
12. Conferred Certificate of Appreciation by CMS Vatavaran for active involvement in organizing CMS VATAVARAN: Environment and Wildlife Travelling Film Festival & Forum 2010 Programme held at A N College, Patna on 10.01.2011.

13. **International Congress of Chemistry and Environment** at Port Dickson, **Malaysia** during 27th - 29th May **2011**.
14. **12th National Convention of Chemistry Teachers (NCCT-2012)** and **National Seminar on “Chemistry Education and Research”** organized by Department of Chemistry, Gauhati University, Gauhati during November 1-4, 2012.
15. **100th Indian Science Congress** at Kolkata during 3-7 January, 2013.
16. **13th National Convention of Chemistry Teachers (NCCT-2013)** and **National Seminar on “Chemistry Education and Research”** organized by Department of Chemistry, Annamalai University, Annamalai during November 8-10, 2013.
17. **National Meet for Organizers of INSPIRE Internship Camps-2014** sponsored by **DST, Govt. of India** at KIIT University, Bhubaneswar during May 29-30, 2014.
18. **14th National Convention of Chemistry Teachers (NCCT-2014)** and **National Conference on “Emerging Areas in Chemical Education and Research”** organized by IIS University, Jaipur during October 16-18, 2014.
19. **15th National Convention of Chemistry Teachers (NCCT-2015)** and **National Conference on “Emerging Areas in Chemical Education and Research”** organized by IIS University, Jaipur during October 16-18, 2014.
- 20.

Convention / Conference / Seminar / Workshop Organized

1. **11th National Convention of Chemistry Teachers (NCCT-2011)** and **National Seminar on “Emerging Trends in Green Chemistry** at A N College, Patna as a **Joint Organizing Secretary** during October 15-17, 2011. (These activities were recognized by IUPAC and UNESCO as an official activity of IYC-2011. NCCT-2011 was declared as the best NCCT organized so far).
2. **Workshop** on “Micro scale Techniques in Experimental Chemistry” at A N College, Patna as an **Organizing Secretary** during December 16-17, 2011 for Chemistry Teachers of Patna based colleges and nearby. (It was 1st workshop of its nature in Eastern and North Eastern region of India).
3. **Workshop** on “Environment protection through appropriate technology and management” in collaboration with **NEERI-CSIR** at A N College, Patna as an **Organizing Secretary** on October 12, 2012.
4. Organized **INSPIRE Internship Science Camp** under the INSPIRE Internship Component of INSPIRE program at A N College, Patna during September 24-28, 2013 as a **Programme Coordinator**.
5. National Seminar on “Sustainable solutions to Water, Wastewater and Solid Waste” organized jointly by Dept of Environmental Sciences, A N College, Patna and CSIR-NEERI during May 8-9, 2015 as as an **Organizing Secretary**.

Member of Advisory Board / Committee

1. UGC sponsored National Seminar on “Research in Chemistry: Existing Trends and Its Relevance” organized by Gaya College, Gaya (Magadh University) during September 21-22, 2012.
2. UGC sponsored National Seminar on “Application of Science and Technology for Rural Development” organized by the Deptt. of Chemistry, M M College, Bikram (Magadh University) during June 26-27, 2013.
3. Member, National Organizing Committee of National Conference on “Emerging Areas in Chemical Education & Research and National Convention of Chemistry Teachers (NCCT-2014) held at IIS University, Jaipur during October 16-18, 2014.
4. Member, National Organizing Committee of International Conference on Science & Technology “6th Bihar Science Conference 2014” held at Magadh Mahila College, Patna during December 23-25, 2014.

Additional Work Experience

1. NSS Programme Officer at **Narayan Mahavidyalaya**, Goreakothi (J P University, Chapra) for more than three years and at **A N College, Patna** (Magadh University, Bodh Gaya) from July 2009 onwards.
2. Co-convenor in College Career Orientation Council for Add-On-Courses at Narayan Mahavidyalaya, Goreakothi (J P University).
3. Co-ordinator, NAAC Core Committee of Narayan Mahavidyalaya, Goreakothi.
4. Co-ordinator to conduct Extension Activities of UGC at Narayan Mahavidyalaya (J P University).
5. Incharge, Time-table at Narayan Mahavidyalaya, Goreakothi
6. (a) Involved in making proposal for six Add-on courses, College Development grant, Computer Networking grant and grant for colleges in backward / rural area at Narayan Mahavidyalaya, Goreakothi and received the Courses and Grant as well.
(b) Submitted proposal of an add- on- course in *organic farming* for A N College, Patna (Magadh University, Bodh Gaya) and attended UGC interface meeting and received the Course and Grant as well.
7. Involved in Development of Syllabus for six courses received under add-on-courses at Narayan Mahavidyalaya, Goreakothi (J P University, Chapra).
8. Library Incharge at Narayan Mahavidyalaya, Goreakothi
9. Assistant Examination controller at Narayan Mahavidyalaya, Goreakothi.
10. Nodal Officer to organize “Sapno Ko Chali Chhune” a women empowerment programme launched by Jagran Pahel in the college campus during 26-27 Nov 2009.
11. Member, Executive Committee of College Teachers’ Union, Narayan Mahavidyalaya, Goreakothi
12. Nodal Officer IT at A N College, Patna (Magadh University) to provide all requisite online information to University Grants Commission, ERO, Kolkata

Publications

Important Presentations / Publications/Research Activities

1. Singh S P et al, Comparative study of Alkaline Hydrolysis of Phenyl Salicylate in Aquo – DMOS, Aquo – Acetone and Aquo – Dioxan solvent system, 27th Annual Convention of Chemists, 1990

[PHY – 20]

2. Singh S P et al, Calculations for and comparison among Molar Polarization Energy for Acid Hydrolysis of Amyl Formate in Aquo-Dioxan, Aquo-Propan-2-ol and Aquo-Ethanol media, Indian Chemical Society [PHY (0) – 14]
3. Singh S P et al, Kinetic Study of Base catalyzed hydrolysis of Isoamyl salicylate in various Aquo-alcohol Solvent Systems, 29th Annual Convention of Chemists, 1992, [PHY – 28]
4. Singh S P et al, A comparative kinetic study on the effect of solvents on Ion Dipole type of reaction; Acid Hydrolysis of Amyl formate in aquo-dioxan and aquo-ethanol media, Indian Chemical Society Vol. 71, May 1994, PP 255-257.
5. Singh S P et al, A comparative study of the solvent effects on the kinetics of acid hydrolysis of Amy formate in aquo-dioxan and aquo-propan-2-ol system, Asian Journal of Experimental Sciences Gwalior, Vol.9(1&2), 1995,5-8.
6. Singh S P et al, Kinetics of the comparative study of the solvent effect on acid hydrolysis of amyl formate in aquo-dioxan and aquo-ethanol binary mixtures. Chemtracks, Bodh Gaya, 2000
7. Singh S P et al, Kinetic study of the solvent effect on Acid catalysed hydrolysis of amyl formate in aquo-dioxan media, Indian Science Congress, 88th annual meeting.
8. Singh S P et al, Chemistry of Religion and Society, UGC sponsored Two day Seminar on Society and Religion in Indian History on 14th-15th September 2007 organised by the Dept. of History, Narayan Mahavidyalaya Goreakothi, Siwan (J P University, Chapra).
9. Singh S P et al, Water quality analysis of some areas of Siwan town with emphasis on Arsenic Contamination and Mitigation, Regional workshop on Geogenic contamination of Ground water at Central Ground Water Board, Mid Eastern Region, Patna, Ministry of Water Resources, Government of India on 21st and 22nd March 2009.
10. Singh S P et al, Quality assessment of Chitte river water in Aizawal city of Mizoram, Vol 7 No 1 (Jan-March 2010), Bio Infolet.
11. Singh S P et al, An eco-friendly approach to integrated development of some villages of Nalanda district (Bihar) India, Book of Abstracts (pg 14), 4th International Congress of Chemistry and Environment 2009 organized by Research Journal of Chemistry and Environment (ISSN-0972-0626), India in collaboration with Chemical Society of Thailand and Ubonratchathani University at Ubonratchathani, Thailand during 21-23 January 2010
12. Singh S P et al, Vermi-composting of waste Banana trunk and Sugar cane bagasse, Book of Abstracts, ICCE-2009, Thailand organized by Research Journal of Chemistry and Environment, India in collaboration with Chemical Society of Thailand and Ubonratchathani University at Ubonratchathani, Thailand during 21-23 January 2010
13. Singh S P et al, A comparative study of Molar Polarization Density Change in alkaline hydrolysis of Diethyl phthalate, Dimethyl phthalate, Ethyl benzoate and Ethyl nicotinate in aquo-DMSO mixed media, Spectrum (ISSN-0974-2417) vol II No 1-4/2009-10, pg72-76.
14. Singh S P et al, A comparative study of kinetic parameters in alkali catalyzed hydrolysis of Diethyl phthalate, Dimethyl phthalate, Ethyl benzoate, Benzyl cinnamate and Diethyl malonate in aquo-Dioxan mixed media, Article No JC-458/2K10 accepted by Journal

Chemtrack (ISSN:0973-239X) for publication vide no 12 (1)31-36, 2010 dated February 20, 2010.

15. Singh S P et al, A comparative study of kinetic parameters of acid hydrolysis of Ethyl Acetate in aquo-DMSO and aquo-DMF mixed media, Journal of Indian Chemical Society, Kolkata vide no 88/2010.
16. Singh S P et al, Study of the effect of solvent on the kinetics of acid hydrolysis of Amyl formate in aquo-ethanol system, souvenir, 3rd Bihar Vigyan Congress, 2-4 April 2010, G1-9, pg5
17. Singh S P et al, Production of vermicompost from Banana trunk wastes by using Earthworms *Eisenia foetida* and *Eudrilus eugeniae*, Spectrum (ISSN-0974-2417) vol II No 1-4/2009-10, pg116-119.
18. Singh S P et al, Study of the current scenario of various contaminants in drinking water in urban area of Siwan town in Bihar (India), Book of Abstracts, ICCE-2011, organized by Research Journal of Chemistry and Environment, India during 27-29th May, 2011 at Port Dickson, Malaysia.
19. Singh R B, Singh A K and Singh S P, Study of Physico-Chemical and Biological parameters present in drinking water in and around Patna, Bihar (India), Book of Abstracts, ICCE-2011 organized by Research Journal of Chemistry and Environment, India during 27-29th May, 2011 at Port Dickson, Malaysia.
20. Singh S P et al, Micro scale chemistry is a complementary pedagogy of green chemistry, Book of Abstracts, NCCT-2011 and National Seminar on 'Emerging trends in green chemistry' organized by the Dept. of chemistry, A N College, Patna during October 15-17, 2011.
21. Singh S P, Micro scale laboratory techniques: A green approach in chemistry, Souvenir, National Seminar on 'Chemistry: Our life, Our future' organized by the Dept. of Chemistry, H D Jain College, Ara on 30th November 2011.
22. Singh S P et al, Integrated Development and waste management through eco-friendly approach in Sewaiyan village of Rohtas District, Bihar, Book of Abstract, OP- 07, pp23, NCCT-2012 and National Seminar on "Chemistry Education and Research" organized by Department of Chemistry, Gauhati University, Gauhati during November 1-4, 2012.
23. B Singh et al, Brick chips as an efficient adsorbent material for removal of geogenic fluoride in drinking water, Book of Abstract, OP- 04, pp20, NCCT-2012 and National Seminar on "Chemistry Education and Research" organized by Department of Chemistry, Gauhati University, Gauhati during November 1-4, 2012.
24. Bihari singh et al, Vermi-composting of Organic ingredients of worship materials from some religious places of Patna, section VII, Environmental Sciences section, 100th Indian Science Congress at Kolkata, pp171, 2013.
25. Singh Subhash Prasad, Spatial Relationship of Various Parameters in Drinking Water in Siwan town of Bihar (India) with Special Emphasis on Arsenic Contamination in Groundwater, Aufau Periodicals (ISSN 2278-6783) *Che Sci Rev Lett* 2014, 2(7), 531-542.

26. Singh Subhash Prasad, Water, Living Water and Waste Water, Anugrah Jyoti, (ISBN) 2015,

Books

Name of Books published	Name of publisher
1. Fundamental Chemistry (A reference book for Secondary school)	M/s Novelty & Co, Patna, Bihar, India
2. (a) Experimental Chemistry (For class 9 and 10 as per ICSE syllabus)	Kamna Publication, Banka-813102
(b) Teachers' Manual for Experimental Chemistry	Kamna Publication, Banka-813102
3. An Easy and Systematic Approach to qualitative Analysis (For class 11 and 12 as per ISC syllabus)	Kamna Publication, Banka-813102
4. Look into the Periodic Table (For Secondary and Senior Secondary Students)	Kamna Publication, Banka-813102
5. Practical Chemistry (For class 11 and 12 as per ISC syllabus)	DSB Publication, Thimphu, Bhutan
6. Learning Science through Environment (Science for Class VII)	Curriculum and Professional Support Division, Ministry of Education, Royal Government of Bhutan, NIE, Paro
7. Learning Science through Environment (Teachers' Manual and Syllabus)	Curriculum and Professional Support Division, Ministry of Education, Royal Government of Bhutan, NIE, Paro
8. Learning Science through Environment (Science for Class VIII)	Curriculum and Professional Support Division, Ministry of Education, Royal Government of Bhutan, NIE, Paro
9. Learning Science through Environment (Teachers' Manual and Syllabus)	Curriculum and Professional Support Division, Ministry of Education, Royal Government of Bhutan, NIE, Paro
10. (a) Reasoning Bank in Chemistry (For Chemistry studying Students)	Book Under Contemplation
(b) Experiments for 11 & 12	

Professional Memberships

National: 06

1. Life membership of Indian Science Congress (L-13730)
2. Ex Fellowship of Indian Chemical Society, Kolkata (F/3753/1992)
3. Fellow membership (FIC from 28.08.1997 onward) and Chartered chemist (from 23.02.2000 onward), Institution of Chemists, India
4. Fellow membership, International Congress of Chemistry and Environment, India (FW/S-5077)
5. Life Member of Association of Chemistry Teachers (LM-1075), HBCSE, Mumbai
6. Life Member of Indian Nuclear Society (LM-1027), Mumbai

International: 03

1. Membership, American Chemical Society (ACS ID #30037542 from 14/01/2009 to 13/01/2010)
2. Membership, International Society for Fluoride Research (ICFR) on 23.02.2009
3. Life membership of Red Cross Society (1229 of 2008-09)

INNOVATION/CONTRIBUTION IN TEACHING**Design of Curriculum / Syllabus**

Involved in (i) Curriculum Design for class VII & VIII Science under Curriculum and Professional support division, Ministry of Education, Royal Govt of Bhutan.

(ii) Syllabus framing for Add-on-courses such as 'Cattle Farming', 'Cultivation of Medicinal & Aromatic Plants' at Narayan Mahavidyalaya, Goreakothi (J P University) in 2007 and "Organic Farming" at A N College, Patna (Magadh University) in 2011.

Interests: Social Work, Listening music

COMMUNITY WORK

A. Organized various Local, Regional, State and Country level National Service Scheme programme useful for students and society.

B. Involvement in Inter-State Level Programme

- I. Attended 15th National Youth Festival at Bhubaneswar, Orissa as a Contingent Leader of Bihar during 8-12 January 2010 and participated in National Youth Convention on 'Celebrating Diversity'.
- II. Attended NSS Mega Camp at New Delhi organized by Ministry of Youth Affairs and Sports, Govt of India during 19-30 September 2010 as a Contingent officer of Bihar.
- III. Attended Adventure Camp at Dharamshala (HP) organized by Atal Bihari Vajpayee Institute of Mountaineering & Allied Sports, Manali during 25-29 September 2010.
- IV. Certificate of Appreciation to facilitate the Cooperation in celebrating Bihar Divas-2010 as NSS officer by the Principal Secretary, HRD, Govt of Bihar.
- V. Attended NSS Mega Camp at Patna organized by NSS RC, Patna, Ministry of Youth Affairs and Sports, Govt of India in collaboration with the Dept of Art, Culture and Youth, Govt of Bihar as Incharge, Control Room and Academic activities of the Camp in the Executive committee during 18-22 January 2011.

Award

Awarded by HRD, Govt. of India on Bihar divas Celebration during 22-24 March 2011 as NSS Programme Officer.

RESOURCE PERSON

1. As a **resource person** in the work-shop from 24.07.2009 to 27.07.2009 organized by **State Council for Education Research and Training (SCERT), Bihar**, for development of class VI Text Book.
2. As a **subject expert** to review class VI Text Book developed by State Council for Education Research and Training (SCERT), Bihar on 4th November 2009.
3. As a **resource person** in the Work-shop on 'Ozone Depleting Substances' on platform of E-learning at National Academy of Customs, Excise & Narcotics, Patna on 6th -7th October 2009 vide letter no II(36)13/RTC/ODS/Pat/08 dated 30.09.2009.
4. As a **resource person** in DST, New Delhi sponsored 'INSPIRE' programme on 09th August 2011 organized by Jagdam College, Chapra
5. As a **resource person** in National Workshop on 'Contributions and relevance of Madam Curie' organized by Jagdam College, Chapra (J P University, Chapra) on 05th November 2011.
6. As a **Resource Person** in workshop on "Review and Development of Microscale Chemistry Kit at Higher Secondary Stage" organized by **NCERT**, New Delhi during June 09-13, 2014.
7. As a **Resource Person** in workshop on "Review and Development of existing Science Kits at Upper Primary and Secondary Stage organized by **NCERT**, New Delhi during August 24-28, 2015.

Editorship

- (a) Editor of **Journal "Spectrum"** (Journal of Science and Society for sustainable Development, ISSN-0974-2417).
- (b) Editor of college magazine '**Narayani**' at Narayan Mahavidyalaya, Goreakothi
- (c) Editor of A N College Magazine "**Anugrah Jyoti-2010**"
- (d) Executive Editor of **Souvenir**, NSS Mega Integration Camp held at Patna during 18th-22th January 2011 organized by NSS RC, Patna, Ministry of Youth Affairs and Sports, Govt of India in collaboration with Dept of Art, Culture and Youth, Govt of Bihar.
- (e) Editor of **Souvenir**, 11th National Convention of Chemistry Teachers (**NCCT-2011**) and National Seminar on "Emerging Trends in Green Chemistry) organized by the Department of Chemistry, A N College, Patna during October 15-17, 2011.
- (f) Editor of **Souvenir**, National Seminar on 'Chemistry: Our Life, Our Future' organized by Dept. of Chemistry, H D Jain College, Ara on 30th November 2011.
- (g) Executive Editor of A N College Magazine "**Anugrah Jyoti-2012**" (special issue on 125th Birth Anniversary of Dr Anugrah Narayan Sinha).
- (h) Editor of A N College Magazine "**Anugrah Jyoti-2014**" (special issue on 127th Birth Anniversary of Dr Anugrah Narayan Sinha).
- (i) **Member of Advisory Board** of International Journal "**Recent Life Science Mirror**" (An International Biannual Journal of Life Sciences, ISSN: 2319-5320) for the year 2014-16.
- (j) Editor of **ACT News Letter** published by **Association of Chemistry Teachers, Homi Bhabha Centre of Science Education (TIFR), Mumbai**.
- (k) Co-Editor, Book entitled 'Swami Sahjanand Saraswati: Jyoti Kalash' published by Prabhat Prakashan (ISBN 978-93-5048-600-9)
- (l) Co-Editor, Book entitled 'Swami Sahjanand Saraswati: Amrit Kalash' published by Prabhat Prakashan (ISBN 978-93-5048-880-5)

Any Other

1. A member (from J P University, Chapra) of Core Committee constituted by the **Hon'ble Chancellor, Bihar** for Establishing Central Instrumentation Centre at Patna in 2007-2008.
2. A Member of Selection Committee constituted by Association of Chemistry Teachers (ACT), HBCSE, Mumbai to scrutinize the nominations received for Shri Anupam Sinha - Best Chemistry Teacher Award 2014.
3. Zonal Secretary (Eastern Zone) for 2014-16 by ACT, HBCSE, Mumbai
4. National Coordinator, CONTECH (ACT-Concept Test) for 2015, 2016 & 2016.

Dr S. P. Singh