

Dr. Rakesh Kumar	Expert Lecture at TEQIP-II Sponsored 3 weeks FDP cum Refresher course on "Recent Trends and Advances in Engineering and Technologies"	DCSE, UIET, Kurukshetra, January 09 -30, 2017	(i) Software Testing - I
			(ii) Software Testing - II
Dr. Pardeep Kumar	Expert Talk	S.D.College, A/Cantt., November 10-11, 2017	Normalization
	Expert Talk	S.D.College, A/Cantt., November 03-11, 2017	Data Structures
	Expert Talk	D.A.V.College for Girls, YamunaNagar, March 31, 2017	Java Programming
	Expert Talk	S.D.College, Panipat, April 01, 2017	Applications of Computers in Chemistry
	Expert Talk	CBLU, Bhiwani March 2017	Computational Chemistry
	Expert Talk at International Conference on Sustainable Computing Techniques in Engineering, Science and Management (SCEMS 2017)	SN Education Society, India and URGCEE, USA at Jain College of Engineering, Balgavi, India. January 27-28, 2017	Soft Computing Techniques
Dr. Chander Kant	PTU Sponsored National Conference on Innovations and Developments in Engineering and Management (NCIDEM 2017)	Universal Institute of Engineering & Technology, Lalru, Punjab, May 29-30, 2017.	Advanced Biometric Security
	One Week Short Term Course under TEQIP-II on "Cloud Computing and Internet of Things - CCIoT"	U.I.E.T., KUK., March 14- 19, 2017	Internet of Things Architecture
	3-week TEQIP Sponsored FDP cum Refresher Course (09-01-2017 to 30-01-2017)	UIET, K.U. Kurukshetra, January 30, 2017.	Biometrics Security Concerns
Dr. Sanjay Tyagi	Extension Lectures (Two)	Dept. of Computer Science & IT, University of Jammu, Jammu, August 31, 2017	(i) Linux Administration (ii) Security in Cloud Computing
	TEQIP-II Sponsored 2nd National Conference on Recent Trends in Computing and Communication Technologies (RCCT-2017)	DCRUST, Murthal, March 2-3, 2017	Cost-Based Optimized Task Scheduling

Dr. Sanjay Tyagi	International Conference on Sustainable Computing Techniques in Engineering, Science & Management	Organized by SN Education Society, India and URGCEE, USA at Jain College of Engineering, Balagavi, January 27-28, 2017	Delivered an invited talk on Emerging Technologies & Upcoming Trends in IT
	Extension lecture	Department of Computer Science & Applications, D.A.V. College for Girls, Yamuna Nagar, March 31, 2017	Linux OS

### Noteworthy Achievements:

#### Dr. Shuchita Upadhyaya

Best Session Chair Award for outstanding contribution in managing the Technical Session in 2nd International Conference on Sustainable Computing Techniques in Engineering, Science and Management (SCESM 2017) 27-28 January, 2017, Jain College of Engineering, Belagavi.

Acted as Judge in Event- eTool Challenge in National IT Challenge for Youth with Disabilities –A National competition for youth with disabilities to meet the global IT challenges in young generation of disabled, organized by National Institute of Technology, Kurukshetra on 20<sup>th</sup> July, 2017

#### Dr. Rajender Nath

Member in “P.G. Board of Studies in Computer Science and Applications” in CRSU, Jind, CDLU, Sirsa, and DCRUST, Murthal.

#### Dr. Rakesh Kumar

The paper “Assessment of Genetic Algorithm using Mendel’s Principles” by Vivek Sharma, Rakesh Kumar, Sanjay Tyagi at International Conference on Sustainable Computing Techniques in Engineering, Science and Management (SCEMS 2017) 27-28 January, 2017, organized by SN Education Society, India and URGCEE, USA at Jain College of Engineering, Balgavi, India, was awarded the Best Paper Award.

#### Dr. Pardeep Kumar

Acted as Judge at State Level Inter College IT Fest in Arya College, Panipat on 9 March, 2017.

#### Dr. Chander Kant

National Excellence Award; Educationist of the Year-2017 by National Institute for Education & Research, New Delhi, on 23<sup>rd</sup> Sept. 2017.

#### Dr. Sanjay Tyagi

Acted as Judge at State Level Inter College IT Fest in Arya College, Panipat on 9 March, 2017.

### DEPARTMENT Chairperson

### ELECTRONIC SCIENCE Prof. Anurekha Sharma

#### Professors

(i) Dr. Anil Vohra, Ph.D., (ii) Dr. Dinesh Kumar, Ph.D.,  
(iii) Dr. Anurekha Sharma, Ph.D., (iv) Dr. B. Prasad, Ph.D.,  
(v) Dr. Suresh Kumar, Ph.D.

#### Assistant Professors

(i) Dr. Mukesh Kumar, Ph.D., (ii) Dr. Virender Kundu, Ph.D.,  
(iii) Ms Ruchi Gupta, M.Tech.

#### Students

Class	Boys	Girls	Total
M.Sc. (Electronic Science)(P)	14	11	25
M.Sc. (Electronic Science)(F)	10	08	18
M.Tech. (Microelectronics & VLSI Design) (P)	05	06	11
M.Tech. (Microelectronics & VLSI Design) (P)	02	09	11
M.Tech. (Nano Science & Technology)(P)	-	-	-
M.Tech. (Nano Science & Technology)(F)	-	-	-
<b>Total</b>	<b>31</b>	<b>34</b>	<b>65</b>

### Research Work Ph.D. Awarded

Name of Scholar	Title of Thesis	Name of Guide	Month & Year of Award
Sumit Sharma	"Ultrathin Diffusion Barrier Layers for Copper Metallization in Silicon Based Integrated Circuitis"	Dr. Dinesh Kumar & Dr. Mukesh Kumar	April, 2017

### Research Contribution of Teaching Staff

Name of Teacher	Topic/Field of Research	Journal/Book
Prof. Anil Vohra	Synthesis and Characterization of CdO–SnO2 Nanocomposites Prepared by Hydrothermal Method	Acta Metall. Sin. (Engl. Lett.) DOI 10.1007/s40195-017-0659-3
	Secure Baseband Techniques for Generic Transceiver Architecture for Software-Defined Radio	Chapter 4, Handbook of Research on Recent Development in Intelligent Communication Application, Advances in Wireless Technologies and Telecommunication (AWTT) Book Series, ISBN13: 9781522517856, EISBN13: 9781522517863, DOL: 10.4018/978-1-5225-1785-6, pp. 96-118, February, 2017

Prof. Suresh Kumar & Dr. Virender Singh Kundu	Synthesis and Characterization of CdO–SnO <sub>2</sub> Nanocomposites Prepared by Hydrothermal Method	Acta Metall. Sin. (Engl. Lett.) DOI 10.1007/s40195-017-0659-3
	Hydrothermal Synthesis of Cu-ZnO-/TiO <sub>2</sub> -Based Engineered Nanomaterials for the Efficient Removal of Organic Pollutants and Bacteria from Water	BioNanoSci. (2017) 7:574–582, DOI 10.1007/s12668-017-0452-9
	Enhanced Photocatalytic and Disinfection Activities of Silver Loaded Ordered Mesoporous Titanium Dioxide for Water Treatment	Indian Journal of Pure & Applied Physics, Vol. 55, December 2017, pp. 881-889
	Synthesis of ZnO/ZnO Core-shell Nanostructures	International Conference “NanoSciTech 2017” held at Panjab University, Chandigarh, India, November 09-10, 2017
Dr. Virender Singh Kundu	<sup>57</sup> Fe Mossbauer ‘Spectroscopic Study of Zinc Ferrite Aluminates	National Seminar on Emerging Trends in Science and Technology (ETST-2017) organized by Arya PG College Panipat.
Ms. Ruchi Gupta	6T SRAM Cell Analysis for DRV and Read Stability	Journal of Semiconductors, pp. 1-6, February, 2017,
	Process Corner Analysis of DRV for 6T, 8T and 10T SRAM Cells at 45nm	IETE Journal of Research, pp. 1-7, December, 2017

### Lectures/Seminar/Conferences/Congresses etc. arranged in the Department

Dr. Parveen Lehana, Jammu University, Jammu delivered lecture on Speaker Transformations: The future of machines; Dr. Anupama Singh, Deputy Civil Surgeon, LNJP Hospital, Kurukshetra delivered lecture on Health Issues at work place; Mr. Abhay Partap Singh, Asstt. Prof. Delhi Law School delivered lecture on Ethics lead to motivation

### Lectures Delivered in Seminar/Conferences/Congresses etc. of attended by the Department Teachers Outside the Department

Name of Teacher	Name of Conference/ Seminar	Place and Date	Topic of Lecture
Prof. Anurekha Sharma	Orientation Course	Academic Staff College, Kurukshetra University, June 10, 2017	Open Source Course Ware
	Royal Academy Workshop on Hub and Spoke Model based Collaborative Multi-disciplinary Approach for Teaching and Research	BML Munjal University, Faridabad, June 2, 2017	Vibration Energy harvesting Using AIN



Prof. Anurekha Sharma	ISSS International Conference (ISSS2017)	IISC Bangalore, July 5-7, 2017	Low g and Low Frequency Piezoelectric VEH: Fabrication and Characterization
	Invited Talk	Shiv Nadar University, Greater Noida, August 21, 2017	MEMS in Daily Life
Ms. Ruchi Gupta	Attended GIAN Course	IIT Roorkee, December 18-22, 2017	Introduction to Spintronics
	Attended GIAN Course	IIT Roorkee, December 25-29, 2017	Logic Design under the Paradigm of Rebooting Computing

### Noteworthy Achievements:

Overseas Alumni interaction through skype.

Summer internships for B.Sc and B.Tech. was initiated from the year 2017. 23 applications were received and 6 students were selected for the same.

MOU with SCL, Mohali.

Chattopadhyay memorial award constituted for the student of M.Sc who has done B.Sc Electronic from Colleges in Haryana.

### DEPARTMENT Chairperson

### GEOGRAPHY Prof. Rajeshwari

Professors

(i) Dr. M.S. Jaglan, Ph.D., (ii) Dr. S.P. Kaushik, Ph.D.,  
(iii) Dr. Rajeshwari, Ph.D., (iv) Dr. Omvir Singh, Ph.D.

Assistant Professors

(i) Dr. Suman Chauhan, Ph.D., (ii) Dr. Anju Gupta, Ph.D.

### Students

Class	Boys	Girls	Total
M.Sc.(P)	29	31	60
M.Sc.(F)	21	28	49
M.Phil	08	05	13
<b>Total</b>	<b>58</b>	<b>64</b>	<b>122</b>

### Research Work Ph.D. Awarded

Name of Scholar	Title of Thesis	Name of Guide	Month & Year of Award
Surjit Singh	Risk and Vulnerability Assessment of Flood Hazard in Ghaggar River Basin	Prof. S.P. Kaushik	December, 2017
Ms. Amrita	Dynamics and Economy of Groundwater Resources in Haryana.	Prof. Omvir Singh	October, 2017

### Research Contribution of Teaching Staff

Name of Teacher	Topic/Field of Research	Journal/Book
Prof. M.S. Jaglan	Assessment of Sand Mining Induced Ecological Impacts in Dohan River of Mahendergarh, District, Haryana	Punjab Geographer, Vol. 13, pp. 55-76.
Prof. S.P. Kaushik	Assessment of Physical Carrying Capacity for Managing Sustainability at Religions Tourist Destinations	International Journal of Religious Tourism and Pilgrimage, Vol.5, No.1 pp.29-38, ISSN 2009-7379
	Socio-Demographic Correlates of Malnutrition Among Children Aged 0-14 years in Slum Areas of Hisar City, Haryana	International Journal of Advancement in Education and Social Sciences of IROSSS, December-January, 2016-17, Vol. 4, No.1 pp. 19-23, ISSN 2322-0023.
	Assessment of the Level of Vulnerability to Solid Waste in Municipal Corporation Faridabad	International Journal of Advancement in Remote Sensing, GIS and Geography, ISSN 2321-9149 IJARSGG (2017) Vol. 5, No.1 1-11.
Prof. Rajeshwari	Watershed Management in Mahendragarh District, Haryana.	Abstract of Doctoral Thesis, Punjab Geographer, Vol 12, pp. 149-151. ISSN: 0973-3485.

Prof. Rajeshwari	Spatio-Temporal Pattern of Crime/Violence against Women in Haryana: 1991 to 2014.	Population Geography, Vol. 39, No. 1&2. ISSN: 0256-5331.
	Violence, Power and Patriarchy.	The Tribune, August 9, 2017
	Child Health a Matter of Choice, Not Prosperity	The Tribune, September 4, 2017
Prof. Omvir Singh	Groundwater Irrigation Economy of Haryana: A Glimpse into Spread, Extent and Issues.	Journal of Rural Development. Vol. 36 (4):531-555
	Identification of Erosion Prone Areas in Suketi Watershed, Himachal Himalayas, India.	Punjab Geographer 13:27-38
	Spatial and Temporal Variations in Thunderstorm Casualties Over India.	Singapore Journal of Tropical Geography 38 (3): 293-312. Impact Factor: 1.277.
	Distribution of Lightning Casualties Over Maharashtra, India.	The Journal of Indian Geophysical Union 21 (5): 415-424. Impact Factor: 0.313.
	Management of Groundwater Resources for Sustainable Agriculture in Haryana.	Transactions Institute of Indian Geographers 39 (1):133-150.
	Soil Erosion Susceptibility Assessment Through Geo-Statistical Multivariate Approach in Panchkula District of Haryana, India.	Modeling Earth Systems and Environment 3 (2): 733-753. DOI 10.1007/s40808-017-0331-y.
	Flood Occurrences, Damages and Management Challenges in India: A Geographical Perspective.	Arabian Journal of Geosciences 10 (5): 102. DOI 10.1007/s12517-017-2895-2 Impact Factor: 0.955.
	Assessing the Potential for Rooftop Rainwater Harvesting: An Option for Sustainable Rural Domestic Water Supply in Semi-Arid Region of Haryana.	Journal of Rural Development 36 (1): 49-60.
	GIS-Based Spatial and Temporal Investigation of Groundwater Level Fluctuations Under Rice-Wheat Ecosystem over Haryana.	Journal of the Geological Society of India, 89 (5): 554-562. Impact Factor: 0.479.

### Lectures Delivered in Seminar/Conferences/Congresses etc. of attended by the Department Teachers Outside the Department

Name of Teacher	Name of Conference/ Seminar	Place and Date	Topic of Lecture
Prof. M.S. Jaglan	Swarna Jayanti National Conference, Haryana through the Ages: Reflections on History, Society, Culture and Economy, Haryana	Haryana Academy of History and Culture, Guljari Lal Nanda Centre, Kurukshetra, February 7-8, 2017	Agricultural Development in Haryana: A Spatial Perspective'.
	National Seminar	Ch. Bansilal Govt. College for Women, Tosham (Bhiwani) Haryana, February 11, 2017	Delivered Keynote Address on the Topic Global Warming, Ecological Sustainability and Society.
	38th IIG Meet and National Conference on Sustainable Earth Resource Development	Banasthali Vidyapeeth, Tonk, Rajasthan, March 18-20, 2017	'Food Security in India'.
	National Seminar on Climate Change and Agriculture: Vulnerability, Livelihood Adaptation and Food Security	Centre for the Study of Regional Development, JNU, New Delhi, August 25-26, 2017.	'Climate Change and Shifting Cropping Pattern in Different Agro-climatic Zones of Rajasthan'.
	18th APG Meet & International Conference on 'Re-envisioning Globalization, Development and New World Order: Perspectives from Developing Countries	School of Arts and Languages, Lovely Professional University, Jalandhar, October 27-28, 2017	(i) 'Re-envisioning Globalization, Development and New World Order: Perspectives from Developing Countries  (ii) Access to Groundwater Resources for Irrigation: A Comparative Study of Different Irrigation Typologies in Haryana.  (iii) Horticulture Development in Haryana During Post-liberalization Period: A Spatio-temporal Study.

Prof. M.S. Jaglan	18th APG Meet & International Conference on 'Re-envisioning Globalization, Development and New World Order: Perspectives from Developing Countries	School of Arts and Languages, Lovely Professional University, Jalandhar, October 27-28, 2017	'Social Classwise Distribution and Composition of Livestock in Haryana: A Household Level Analysis.
	39th IIG Meet and Conference on Population, Environment and Sustainable Development	Department of Applied Geography, Ravenshaw University, Cuttack, December 26-28, 2017	Chaired the Session and Presented a Paper on 'Dynamics of Cropping Pattern and Crop Diversification in Rajasthan during Post-liberalization Period'.
Prof. S.P.Kaushik	National Seminar on Sustainable Development in Agriculture and Environment: Trends and Challenges	Govt. College, Rohtak, February 09, 2017	Environment Challenges and International Efforts
Prof. Rajeshwari	National Seminar on 'Status of Women in Haryana: A Review'	Women's Studies Research Centre, Kurukshetra University, Kurukshetra, March 8-9, 2017.	Development and Gender Inclusiveness in Haryana: A Spatial Perspective
	National Seminar on BetiBachao, BetiPadhao,	GMNPG College, Ambala, March 10, 2017.	Gender Issues in Haryana
	National Seminar on the Theme People and Places: Evolving Landscape.	Deptt of Geography, Panjab University, Chandigarh, March 15-16, 2017	Social Landscape: Issues of Gender Inclusiveness in Haryana.
	Key Speaker in Technical Session of 38 <sup>th</sup> Indian Geographers Meet, 2017 and National Conference on Sustainable Earth Resource Development School of Earth Sciences	Banasthali University, Rajasthan, March 18-20, 2017.	Geography of Gender, Health and Inequalities
	18 <sup>th</sup> APG Meet and International Conference	Lovely Professional University, Jalandhar, October 27-28, 2017.	Quality of School Education in Rural Haryana: A Spatial Analysis
	39 <sup>th</sup> Annual Meet and Conference of IIG	Ravenshaw University, Cuttack, December 26-28, 2017.	Population Dynamics and Health Transition in Haryana

Prof. Omvir Singh

39<sup>th</sup> Annual Meet and Conference of Institute of Indian Geographers on Population, Environment and Sustainable Development

Department of Applied Geography, School of Regional Studies and Earth Sciences, Ravenshaw University, Cuttack, December 26-28, 2017

Groundwater Irrigation Economy of Haryana: Spread, Extent and issues.

7<sup>th</sup> International Ground Water Conference on Water Security, Challenges and Climate Change Adaptations (IGWC-2017)

National Institute of Hydrology, Roorkee and Central Ground Water Board, New Delhi, December 11-13, 2017.

Energy-groundwater Irrigation Nexus: Evidence From Large Scale Irrigated Agriculture System of Haryana State, India.

18<sup>th</sup> APG Meet and International Conference on Re-envisioning Globalization, Development and New Order: Perspectives from Developing Countries

Department of Geography, Lovely Professional University, Phagwara, Jalandhar. October 27-28, 2017.

(i) Seasonal and Annual Variations in the Frequency of Bay of Bengal Cyclones: 1972-2015.

(ii) Snowfall Variability and Trends in Kullu Valley of Western Himalayas.

(iii) Flood Estimation of the Upper Yamuna River Basin, India.

(iv) Probabilities for the Occurrence of Floods in Markanda River Basin of North-West India.

National Seminar on Climate Change and Agriculture: Vulnerabilities, Livelihood, Adaptation and Agriculture

Centre for the Study of Regional Development, Jawaharlal Nehru University, New Delhi. August 25-26, 2017

Influence of Climatic Variations and Anthropogenic Actions on Groundwater Levels in Haryana, India.

38<sup>th</sup> Indian Geographers Meet and National Conference on Sustainable Earth Resource Development

School of Earth Sciences, Banasthali University, Banasthali. March 18-20, 2017.

(i) Assessment of Thunderstorm Related Fatality and Injury Risk in India.

(ii) Flood Hazard Zonation based on Basin Morphometry using GIS Techniques: A Case Study of Markanda River, Haryana, India.

Dr. Anju Gupta

9<sup>th</sup> International Conference  
on Geomorphology (9<sup>th</sup> ICG)

Vigyan Bhawan, New  
Delhi,  
November 6-11, 2017

Anthropogenic and  
Climatogenic Impact on the  
Landslides in Lesser  
Himalayan Belt of J &K :  
Distribution, Characteristics  
and Management.

---

### Noteworthy Achievements:

#### **Prof. M.S. Jaglan:**

President, Association of Punjab Geographers.

Member of UGC Council on MOOC Courses.

Member Academic Planning Board, CRSU, Jind.

### DEPARTMENT CHAIRMAN

### GEOLOGY Prof. N.N.Dogra

Professors

(i) Dr. N.N. Dogra, Ph.D., (ii) Dr. A.R. Chaudhri, Ph.D.

Assistant Professors

(i) Dr. Naresh Kumar, Ph.D., (ii) Dr. Om Prakash, Ph.D.  
(iii) Mr. Satish Kumar

### Students

Class	Boys	Girls	Total
M.Sc. (P)	19	04	23
M.Sc.(F)	17	06	23
M.Tech 1 <sup>st</sup> Yr	14	-	14
M.Tech 2 <sup>nd</sup> Yr	04	04	08
M.Tech 3 <sup>rd</sup> Yr	09	01	10
M.Tech 4 <sup>th</sup> Yr	10	01	11
M. Tech 5 <sup>th</sup> Yr	19	-	19
<b>Total</b>	<b>92</b>	<b>16</b>	<b>108</b>

### Research Work Ph.D. Awarded

Name of Scholar	Title of Thesis	Name of Guide	Month & Year of Award
Sarda Maibam	Stratigraphic Controls and Liquefaction Analysis Studies on Seismic Hazard Zonation of Dholera Region, Ahmedabad District, Gujarat, India	Prof. N.N. Dogra Co-Supervisor: Dr. B.K. Rastogi	November, 2017

### Research Contribution of Teaching Staff

Name of Teacher	Topic/Field of Research	Journal/Book
Prof. N.N. Dogra	Dogra N.N, Thakur. O.P, and Kumar, S. 2017. "Conservation and Development of Pre-Historic Geosites and Tourism –A Synergistic Approach" in "Opportunities and Challenges for Tourism and Hospitality in the BRIC Nations"	IGI GLOBAL, USA, pp: 239-251
	Thockchom, S, Bhattacharya,F, Durga Prasad, A, Dogra N.N, and Rastogi, B.K, 2017. Paleoenvironmental Implication and Drainage Adjustment in the Middle Reaches of the Sabarmati River, : Implication Towards Hydrological Variability, Gujrat.	Quaternary International, pp; 1-14, 2017.
	Kumar, S Kumar, K and Dogra, N.N. 2017. " Rock Mass Classification and Assessment of Stability of Critical Slopes on National Highway-22 in Himachal Pradesh	Journal Geological Society of India Vol.89, April 2017, pp.407-412.
	Thockchom, S, Rastogi, B.K, Dogra N.N. and Pancholi, V. 2017, Geotechnical Investigation in the Southern Part of Ahmedabad District, Gujrat, India.	Ind. Geophysical Union, V.21, no.2, pp:105-115



Prof. N.N. Dogra	Thockchom, S, Rastogi, B.K, Dogra N.N., Pancholi, V., Sairam, B, Bhattacharya, F and Patel, V. 2017. Empirical Correlation of SPT Blow Currents Versus Shear Wave Velocity For Different Types of Soil in Dholera, Western India	Natural Hazards, 86, pp 1291-1306
Dr Naresh Kumar	Radhika Sharma and Naresh Kumar , “ Petrology and Geochemistry A-type Granites from Khanak and Devsar Areas of Bhiwani District, Southwestern Haryana”	Journal Geological Society of India Vol.90, August 2017, pp. 138-146
Dr. Om Prakash Thakur	Dogra N.N, Thakur. O.P, and Kumar, S. 2017. “ Conservation and Development of Pre-Historic Geosites and Tourism –A Synergistic Approach” in “ Opportunities and Challenges for Tourism and Hospitality in the BRIC Nations”	IGI Global, USA, pp: 239-251
Mr. Satish Kumar	Kumar, S Kumar, K and Dogra, N.N. 2017. “ Rock Mass Classification and Assessment of Stability of Critical Slopes on National Highway-22 in Himachal Pradesh	Journal Geological Society of India Vol.89, April 2017, pp.407-412
	Dogra N.N, Thakur. O.P, and Kumar, S. 2017. “ Conservation and Development of Pre-Historic Geosites and Tourism –A Synergistic Approach” in “ Opportunities and Challenges for Tourism and Hospitality in the BRIC Nations”	IGI Global, USA , pp: 239-251

### Lectures/Seminar/Conferences/Congresses etc. arranged in the Department

International Conference on the Saraswati River Organized by The Department of Geology, Kurukshetra University, Kurukshetra (Haryana) and Haryana Saraswati Heritage and Development Board (HSHDB) on 29-30<sup>th</sup> January, 2017.

### Lectures Delivered in Seminar/Conferences/Congresses etc. of attended by the Department Teachers Outside the Department

Name of Teacher	Name of Conference/ Seminar	Place and Date	Topic of Lecture
Prof. Dr. A.R. Chaudhri	International Conference on the Saraswati River	Kurukshetra University, January 29-30, 2017.	Sedimentological Studies of Fluvial Sediments Near Mugalwali Village in Bilaspur Division, Yamuna Nagar District (Haryana)
	21 <sup>st</sup> India Conference of Waves	Bhartiya Vidya Bhawan, KG Marg, New Delhi, Dec.10-12, 2017	Fluvial Sediments in Bilaspur Division, Yamuna Nagar District, Haryana - Saraswati Paleochannel Implications

Dr. Naresh Kumar	19th International Conference on Geology, Geotechnology and Seismology	Toronto, Canada, June 15-16 2017	Geochemistry and Tectonic Framework of Malani Igneous Suite and their Effect on Groundwater Quality of Tosham, India
------------------	--	----------------------------------	--

---

### Noteworthy Achievements:

#### **Prof. N.N. Dogra**

Convener Science Conclave 2017 organized by Kurukshetra University and DST, Govt. of Haryana

Member National Advisory Committee, International Conference on "Saraswati River", 29-30 Jan. 2017, Department of Geology, K.U.K.

#### **Prof. A.R. Chaudhri**

Appointed Director of the Centre of Excellence for Research on the Saraswati River (CERSR) .

Convener, International Conference on the Saraswati River organized by Kurukshetra University and Haryana Saraswati Heritage and Development Board (HSHDB).

#### **Dr. Naresh Kumar**

Best paper presentation award in 19<sup>th</sup> International conference on Geology, Geotechnology and Seismology held on 15-16 June, 2017 at Toronto, Canada on the topic " Geochemistry and tectonic framework of Malani Igneous Suite and their effect on groundwater quality of Tosham, India.

Organizing Secretary : International Conference on the Saraswati River Organized by The Department of Geology, Kurukshetra University, Kurukshetra (Haryana) and Haryana Saraswati Heritage and Development Board (HSHDB) on 29-30<sup>th</sup> January, 2017.

Member registration committee Science Conclave 2017.

#### **Dr. Om Prakash Thakur**

Organizing Secretary: International Conference on the Saraswati River Organized by the Department of Geology, Kurukshetra University, Kurukshetra (Haryana) and Haryana Saraswati Heritage and Development Board (HSHDB) on 29-30<sup>th</sup> January, 2017.

Acted as Rapporteur for Planner Session in International Conference on the Saraswati River Organized by The Department of Geology, Kurukshetra University, Kurukshetra (Haryana) and Haryana Saraswati Heritage and Development Board (HSHDB) on 29-30<sup>th</sup> January, 2017.

Member registration committee Science Conclave 2017.

### DEPARTMENT Chairperson

### INSTRUMENTATION Prof. Dinesh Singh Rana

Professors	(i) Dr.. Sunil Dhingra, Ph.D., (ii) Dr. V.M. Murthy, Ph.D., (iii) Dr. Dinesh Singh Rana, Ph.D., (iv) Dr. Pardeep Kumar, Ph.D.
Associate Professor	Dr. C. Srinivas, Ph.D.
Assistant Professors	(i) Dr. Avnesh Verma, Ph.D., (ii) Sh. Jai Pal, (iii) Sh. Bhanu Partap Singh (iv) Sh. Surinder Singh (v) Sh. Gagandeep Singh Gill

### Students

Class	Boys	Girls	Total
B.Tech. 1 <sup>st</sup> Yr.	05	02	07
B.Tech. 2 <sup>nd</sup> Yr.	16	02	18
B.Tech. 3 <sup>rd</sup> Yr.	29	05	34
B.Tech. 4 <sup>th</sup> Yr.	30	10	40
<b>Total</b>	<b>80</b>	<b>19</b>	<b>99</b>

### Research Work Ph.D. Awarded

Name of Scholar	Title of Thesis	Name of Guide	Month & Year of Award
Anshu Mli Gaur	Study and Simulation of Transduction Behaviour of PVDF Composite Polymer for Microsensors Applications	Prof. Dinesh Singh Rana	January, 2017

### Research Contribution of Teaching Staff

Name of Teacher	Topic/Field of Research	Journal/Book
Dr. V.M. Murthy	Parametric Evaluation of Urea Manifestation in Top Soil Layers Using GC-MS	Indian Journal of Environmental Protection Vol. 37, Nov. 11, 2017 PP910-919
Sh. Jai Pal	Electrical Engineering/ Instrumentation Short Circuit Current Assessment for the Integration of RES in Distributed Systems	International Journal of Electrical Engineering June, 2017
	Modeling and Simulation of Grid Connected SPV System with Active Power Filtering Features	Journal of Institutions of Engineers India Springer, September, 2017
	Parametric Evaluation of Urea Manifestation in Top Soil Layers Using GC-MS.	Indian Journal of Environmental Protection, November, 2017

### Lectures/Seminar/Conferences/Congresses etc. arranged in the Department

Dr. D.S. Rana, Department of Instrumentation, KUK delivered lecture on Sensors and Instrumentation Technology in One week Short Term Course from March 20-25, 2017.

### Lectures Delivered in Seminar/Conferences/Congresses etc. of attended by the Department Teachers Outside the Department

Name of Teacher	Name of Conference/ Seminar	Place and Date	Topic of Lecture
Dr. D.S. Rana	5th National Conference on Nanoscience and Instrumentation Technology	NCNIT-2017 March 05-06, 2017	Advance Model Based Predictive Control System for Smart Grids
Dr. V. M. Murthy	DST Sponsored Programme Organized by Engineering Staff College of India	ESCI, Hyderabad February 13-17, 2017	Ethics & Values for Scientists and Technologists

### Noteworthy Achievements:

The Department organised a Swarana Jayanti One Week Faculty Development Programme on "Sensors and Instrumentation Technology" from 20-25 March, 2017. Various renowned speakers from the areas of Sensors and Instrumentation Technology participated and delivered valuable talk on various topics & issues on Sensors and Instrumentation Technology along with lab sessions.



# Faculty of Education



# Faculty of Education

Dean: Dr. Rajinder Singh Yadav, from 31.01.2017

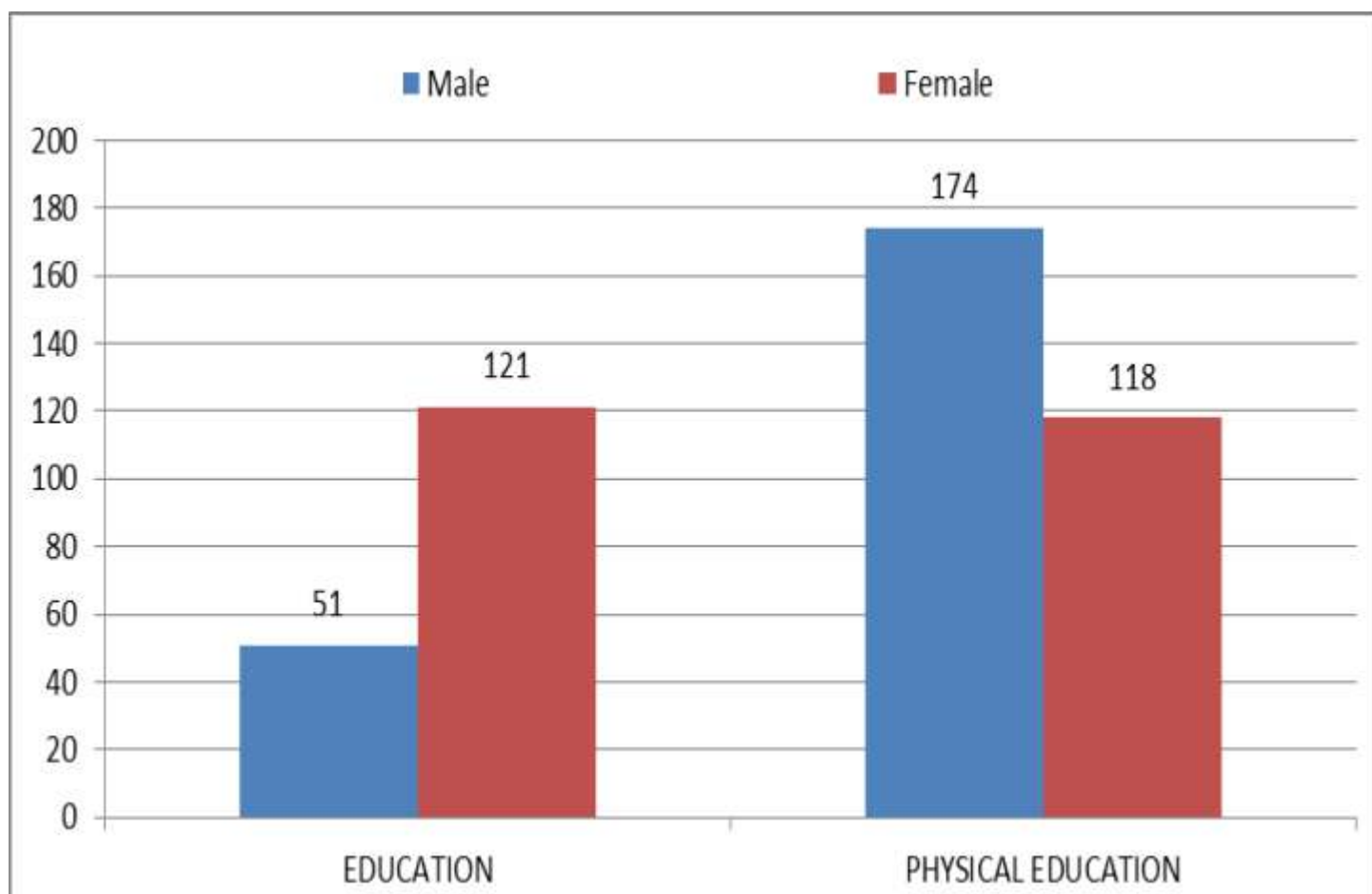
Dr. Rakam Singh, upto 30.01.2017

## Departments/Institutes of the Faculty

Education

Physical Education

## A Profile of the Student in Faculty of Education



**FACULTY  
DEAN  
DEPARTMENT  
Chairperson**

**EDUCATION  
PROF. RAJENDER SINGH YADAV  
EDUCATION  
Prof. Sangeeta**

Professors	(i) Dr. Rajender Singh Yadav, Ph.D., (ii) Dr. Puran Singh, Ph.D., (iii) Prof. Sangeeta, Ph.D., (iv) Dr. Sushil Kumar Gupta, Ph.D.
Assistant Professors	(i) Dr. Jyoti Khajuria, Ph.D. (ii) Dr. Sushma Gupta, Ph.D., (iii) Dr. Rajvir Singh, Ph.D.

Students	Class	Boys	Girls	Total
	M.A.(P)	05	04	09
	M.A.(F)	-	04	04
	B.Ed. (Spl.)(P)	11	09	20
	B.Ed. (Spl.)(F)	05	13	18
	M.Ed. General (P)	14	36	50
	M.Ed. General (F)	11	37	48
	M.Ed. Spl.(P)	03	04	07
	M.Phil. Edu.	02	14	16
	<b>Total</b>	<b>51</b>	<b>121</b>	<b>172</b>

**Research Work  
Ph.D. Awarded**

Name of Scholar	Title of Thesis	Name of Guide	Month & Year of Award
Kanchan Choudhary	Effectiveness of Self Learning Modules on the Achievement and Retention of Under Graduate Students in Commerce	Dr. Neelam Dhamija	March, 2017
Harvinder Kaur	Academic Achievement of High School Students in Mathematics in Relation to their Creativity, Learning Styles and Mathematical Aptitude	Dr. Sushma Gupta	April, 2017
Amrita Sahney	Mental Health in Relation to School and Family Climate of Secondary School Students	Dr. Amisha Singh	May, 2017
Rajni Kumari	Teachers' Attitude Towards Inclusive Education in Relation to their Perceived Efficacy, Stress Coping Strategies and Level of Confidence to Teach in Inclusive Classrooms	Prof. Sangeeta	July, 2017
Shalini Devi	Adjustment, Self-Confidence and Academic Anxiety of Senior Secondary School Students In Relation to their Life Skills	Dr. Sushma Gupta	November, 2017



### Research Contribution of Teaching Staff

Name of Teacher	Topic/Field of Research	Journal/Book
Prof. Rajender Singh Yadav	Inclusive Education: Role of Guidance and Counseling as Essential Services for Breaking the Opening the Doors	'Breaking Barriers and Open Doors for Inclusive Education' Published by Jayam Publication, Hyderabad
Prof. Sushil Kumar	"Classification of Teaching Skills by Semantic Differential Analysis using the Perception of Secondary School Teachers	Kurukshetra University Research Journal (April, 2017) (to be published)
	Contributed one Chapter Entitled "Teaching of Science to Students with Visual Disability"	Resource Book for the Teachers of Visual Disabled to be Published by NIEPVD, Dehradun.
Dr. Jyoti Khajuria	A Study of Relationship of Effectiveness and Emotional Intelligence of Teacher Educators	Research Analysis and Evaluation
	A Study of Relationship between Intelligence and Academic Achievement of Secondary School Students	Global Journal for Research Analysis: An International Journal
	Adjustment Problem of Adolescents of Joint and Nuclear Family	International Journal of Advanced Educational Research
Dr. Sushma Gupta	Self Disclosure and Values of Adolescents in Relation to their School Environment.	International Education and Research Journal
	Environment Ethics Among College Students In Relation to their Scientific Attitude	International Multidisciplinary Research Journal
	Occupational Aspirations of Secondary School Students in Relation to their Self Confidence	International Journal of Research and Analytical Review

### Lectures/Seminar/Conferences/Congresses etc. arranged in the Department

NIEPVD Sponsored Short-Term Teacher Training Programme on "Advanced Mathematics and Science Braille Code" organized by Department of Education, Kurukshetra University, Kurukshetra from 11<sup>th</sup> to 22<sup>nd</sup>, December, 2017.

### Lectures Delivered in Seminar/Conferences/Congresses etc. of attended by the Department Teachers Outside the Department

Name of Teacher	Name of Conference/ Seminar	Place and Date	Topic of Lecture
Prof. Rajender Singh Yadav	UGC National Seminar	Department of Education, Sri Padmavati Mahila Visvavidyalayam Tripuri, January 28-29, 2017	Participated and Presented a Paper entitled " Inclusive Education –Role of Guidance and Counseling as Essential Services for Breaking Barriers and Opening Doors"
	National	Department of Education , University of Jammu, February 17, 2017	Innovative Curriculum Development Practice in Teacher Education
	National Workshop	Shri Aggarsain PG College of Education CTE, Keshav Vidyapeeth, Jamdoli, Jaipur October 29 , 2017	Qualitative Research Methodology
	UGC National Seminar	Department of Education , GNDU Amritsar, March 24,2017	Enriching Teaching and Evaluation in the age of Digitalization
	National Seminar	University College of Education, Kurukshetra, May 5-6, 2017	A Reflective Practitioner for Quality Education
	National Workshop	Department of Education , University of Jammu, May 1– 7, 2017	Research Methodology organized under SAP-II(DRS)
Prof. Sangeeta	National Seminar on the Theme Revamping Teacher Education: Perspectives and Transformation	Firozepur (Pb) , February 17, 2017.	Revamping Teacher Education to Meet the Challenges of Inclusive Classrooms
	National Seminar on Educational Sustainability for the Disadvantaged: Pathways to Success	Vadodara (Guj) , March 06, 2017	Keynote address
	UGC-NET Coaching	KUK, January 12, 2017.	Learners' Characteristics in Classroom
	UGC - NET Coaching	KUK, Sept-Oct, 2017	Teaching Aptitude

Prof. Sangeeta	National Seminar on 'Enriching Teaching, Learning and Evaluation Systems in the Age of Digitalization	Amritsar (Pb), March 24,2017	Enhancing Access of Learners with Diverse Needs to Inclusive Classrooms and Assistive Technology: Insights, Challenges & Possibilities
	National Seminar	Amritsar (Pb), March 24,2017	Chaired Academic Session
	Workshop on Reforms in Evaluation at School Level	Jammu(J&K), March 30,2017	Modifications and Accommodations in Evaluation Procedures for Learners with Diverse Needs in Inclusive Settings
	Faculty Development Programme	Chandigarh (UT), March, 2017	Inclusive Education: Challenges and Possibilities
	Enrichment Programme for PG Students	Jind (Har), April ,26 2017	Inclusive Education in the Context of Sustainable Development Goals (SDGs)
	Extension Lecture series for PG Students	Jammu, May 30, 2017.	Inclusion in the Context of MDGs & SDGs
	RCI's All India Course Coordinators Meet	New Delhi, October 25, 2017	Participation in Deliberations
Prof. Sushil Kumar	Refresher Course in Social Sciences	Patiala, November 3, 2017	Inclusive and Equitable Quality Education in the Context of Sustainable Development Goals: Issues & Challenges
	National Workshop on "Tactile and Audio Graphics" organized by AICB in Collaboration with Indiana University (USA) and IIT, Delhi.	Gurugram, April 5- 6, 2017	Status of Teaching Science Regarding Accessible Tactile Graphics
	Workshop on "Research Methodology"	MDU, Rohtak, May 6, 2017	Lecture on Experimental Research
Dr. Rajvir Singh	National Workshop	Department of Statistics and Operational Research, KUK, March 20– 21, 2017	Swarna Jayanti, Two Days National Workshop on "Data Analysis Using SPSS"

Dr. Rajvir Singh	International Seminar	Kurukshetra University Kurukshetra, November 25– 27, 2017	Exploring Self in Digital age- the Perspective of Shrimad Bhagwad Gita Philosophy
Dr. Jyoti Khajuria	National Seminar	Dr. B.R. Ambedkar College of Education, January 25, 2017	Dr. B.R. Ambedkar and Women Empowerment
	National Seminar	University College of Education, K.U.K, May, 5- 6, 2017	Inculcation of Values: A Necessity for Today
Dr. Sushma Gupta	National Seminar	Dr. B.R. Ambedkar College of Education, January 25, 2017	Dr. B.R. Ambedkar and Women Empowerment
	National Seminar	University College of Education, K.U.K, May 5-6, 2017	Inclusive Education: Challenges and Opportunities with Special Reference to Teacher Preparation

### DEPARTMENT Chairperson

Professors

### PHYSICAL EDUCATION Prof. Arvind Malik

(i) Dr. Rakam Singh, Ph.D., (ii) Dr. (Mrs.) Usha Lohan, Ph.D.,  
(iii) Dr. Arvind Malik, Ph.D., (iv) Dr. (Mrs.) Usha Rani, Ph.D.

### Students

Class	Boys	Girls	Total
M.P.Ed (P)	22	18	40
M.P.Ed (F)	24	09	33
B.P.Ed (P)	19	16	35
B.P.Ed (F)	16	11	27
M.A. Yoga (P)	25	14	39
M.A. Applied Yoga (F)	16	13	29
P.G.Diploma in Yoga	25	15	40
C.C.Yoga (3 Months)	07	12	19
Sports Dietician (3 Months)	20	10	30
<b>Total</b>	<b>174</b>	<b>118</b>	<b>292</b>

### Research Work Ph.D. Awarded

Name of Scholar	Title of Thesis	Name of Guide	Month & Year of Award
Gurpreet Kaur	Psycho-Motor Abilities as Predictors of Sports Performing in Rowing	Dr.(Mrs.)Usha Lohan	September, 2017
Najru Nisha	Personality and Motor Abilities in Relation to Soci-Economic Status and Family Climate of Combative Game Female Players	Dr.(Mrs.)Usha Lohan	September, 2017

### Research Contribution of Teaching Staff

Name of Teacher	Topic/Field of Research	Journal/Book
Prof. Arvind Malik	Sports Specific Influence on Peak Inspiratory Flow in University Players	Paripex-Indian Journal of Research Volume-6, Issue-7; July 2017; 414-416, ISSN-2250-1991 IF:5.761, IC Value 79.96
	Sports Specific Influence on Force Vital Capacity in University Players	OSR Journal of Sports and Physical Education (IOSR-JSPE) e-ISSN : 2347- 6737, p-ISSN:2347-6745, Volume 4, Issue 2 (March-April 2017) pp 06-09.

### Lectures/Seminar/Conferences/Congresses etc. arranged in the Department

Two days workshop on Research Methodology was organized on February 15-16, 2017 which was attended by more than 200 participants; Extension Lecture on Diet Planning for Sportsmen in Senate Hall, Auditorium, Kurukshetra University, Kurukshetra on March 29, 2017 and Dr. Vani Bhushanam, Scientific Officer at Sports Authority of India.

### Lectures Delivered in Seminar/Conferences/Congresses etc. of attended by the Department Teachers Outside the Department

Name of Teacher	Name of Conference/ Seminar	Place and Date	Topic of Lecture
Prof. Arvind Malik	Key Note Speaker at National Seminar on Challenges of Doping in Sports	G.N.College, Ladwa, January 25, 2017	Doping Manipulations in Sports Behind the Carton
	Resource Person at International Conference	Vigyan Bhawan, Ministry of Sports, New Delhi, February 2-4, 2017	Sports Sciences
	Key Note Speaker at National Seminar on Futuristic Trends in Physical Education and Sports	DAV College, Ambala City, March 10, 2017	Finger Ratio: Prenatal Programming for Sports Success
	Key Note Speaker at National Conference on Modern Challenges in Physical Education and Sports	Arya PG College, Panipat, March 25, 2017	Foot Dynamic: Reason for Majority of Postural Deformities
	Resource Person	Devi Ahilya Vishwavidyalaya, Indore (M.P), March 27, 2017	Prevalence of Doping in Modern Sports and Analysis of Foot Dynamics
	Key Note Speaker at National Workshop on Sports	Khalsa College, Yamuna Nagar, September 7, 2017	Role of Foot Dynamics in the Selection of Shoes
	Resource Person at International FIFA Conference on Junior World Cup at Amity University	Amity University, Noida, FIFA and Minister of Sports, New Delhi, October 11-12, 2017	Prevalence of Dopping Among Football Players
	Resource Person	Ch. Bansi Lal, University Bhiwani, November 28, 2017	Research Methodology in Physical Education and Technique of Writing Research Report
	Resource Person	Hemvati Nandan Bahuguna Garwal Central University, Srinagar (Garwal), Uttarakhand, December 6, 2017	Dope Control Strategies

### Noteworthy Achievements:

#### **Prof. Arvind Malik**

Nominated as external expert in the Academic Council of LNIPE, Gwalior (M.P.) and Chaudhary Bansi Lal University, Bhiwani.

Nominated in the Recuritment of Teaching Faculties of LNIPE Gwalior (M.P.)

Organized Health Awareness camp in the Girl Hostel of KUK on January 18-20 in which health analysis and counseling of more than 500 girls were done.

Three Placements agencies i.e. Edu Sports, Fit kids & Guru Sports were invited for the campus placement during this placement drive 26 students were selected.

# Faculty of Indic Studies





# Faculty of Indic Studies

Dean: Prof. R.P.Misha

## Departments/Institutes of the Faculty

Sanskrit, Pali & Prakrit

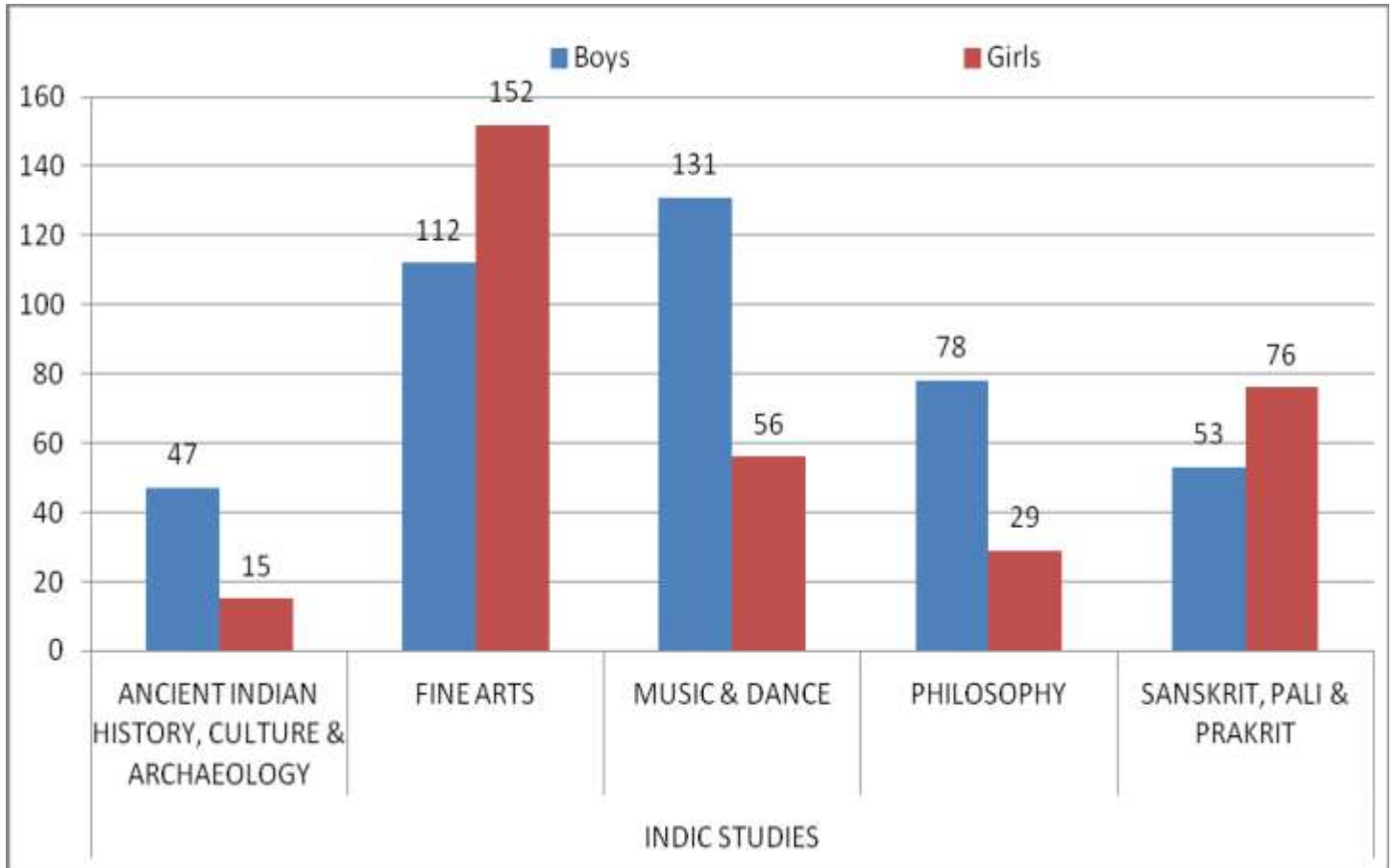
Philosophy

Ancient Indian History Culture & Archaeology

Music & Dance

Fine Arts

## A Profile of the Student in Faculty of Indic Studies



**FACULTY  
DEAN  
DEPARTMENT  
Chairperson**

**INDIC STUDIES  
Prof. R.P.MISHRA  
SANSKRIT, PALI & PRAKRIT  
Prof. L.K. Gaur**

**Professors**

(i) Dr. Lalit Kumar Gaur, Ph.D., (ii) Dr. Aruna Sharma, Ph.D.,  
(iii) Dr. R.P. Mishra, Ph.D., (iv) Dr. Krishna Devi Ranga, Ph.D.,  
(v) Dr. Vibha Aggarwal, Ph.D.

**Associate Professor**

Dr. S.M. Mishra, Ph.D.

**Students**

Class	Boys	Girls	Total
M.A.(P)	12	32	44
M.A.(F)	09	22	31
M.Phil.	05	10	15
Ph.D.	27	12	39
<b>Total</b>	<b>53</b>	<b>76</b>	<b>129</b>

**Research Work  
Ph.D. Awarded**

Name of Scholar	Title of Thesis	Name of Guide	Month & Year of Award
Naresh Sharma	Atrismrti Evam Vasisthasmrti: Eka Tulanantmaka Adhyayana	Dr. Krishna Devi	September, 2017
Vikram Sharma	Acaryamalayagirikrta Sabdanusasana Ke Namaprakarana Ka Samiksatmaka Adhyayana (Paniniyavyakarana Ke Aloka Men)	Dr. S.K. Sharma	November, 2017

**Research Contribution of Teaching Staff**

Name of Teacher	Topic/Field of Research	Journal/Book
Dr. R.P. Mishra	Earliest Principles of Linguistics in Yaska's Nirukta	Sanskrit Vimarsh: Rashtriya Sanskrit Sansthan, New Delhi, 2017
	Contribution of Haryana to Translated Literature in Sanskrit Language	Prachya-Prajna, Dept. of Sanskrit, A.M.U, Aligarh, Issue-29th, 2017
	Thoughts of Ethical Values Described in Veda	Sanskrit Vangmayi, Dept. of Sanskrit, University of Lucknow, Issue 7-8, 2017
	Vedic Accents & Their Implications	Ved Vidya: Maharshi Sandipani Rashtriya Ved Vidya Pratishthan, Govt. of India, Ujjain (M.P), issue-27th 2017
Dr. Vibha Aggarwal	Shrimadbhagavadgita Mein Maya Evam Jagatkartritva Vichar	Indian Journal of International Tourism and Hospitality Research, Dept. of Tourism & Hotel Management, KUK, 2017